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ACCOUNTING SOFTWARE



Comdex Tally.ERP 9 Course Kit with GST and MS Excel | e

Vikas Gupta

ABOUT THE AUTHOR

Vikas Gupta is an internationally acclaimed author, publisher, and co-founder of a software company offering IT-enabled services. For the last 20 years, Vikas has been leading many innovative solutions in the space of technology-driven learning solutions. He has co-authored several books for American publishing companies such as Wiley, McGraw Hill, and IDG. Comdex Computer Course Kit, a world-class learning system, was introduced by him after four years of research. The feedback further revealed a growing demand for a course kit on Tally.ERP 9 with GST and MS-Excel covers the latest transformation in the accounting system along with incorporation GST. The book covers the accounting basics, advanced accounting and inventory features, with an exclusive coverage on GST in Tally.ERP 9. Additionally, it introduces you to Microsoft Excel, which is used to perform different kinds of charts, applying conditional formatting, using functions and formulas for data computation, and using data analysis tools. This book also discusses the usage of Google Sheet.

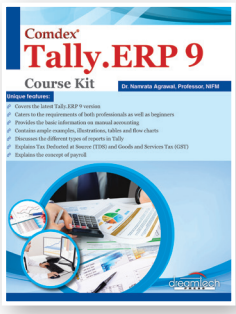
ABOUT THE BOOK

Comdex Tally.ERP 9 Course Kit With GST & MS Excel is an all-inclusive guide for students and working professionals wanting to get an in-depth knowledge about Tally.ERP 9 software and MS Excel. It aims at providing the students with a complete handbook for self-learning, and covers all the features of Tally.ERP 9 based on business aspects for goods and services along with empirical examples. This book is a complete package that includes all the major topics related to the usage of Tally.ERP 9 and MS Excel with updated features of GST and E-Way bill.

TABLE OF CONTENTS

• ALLY.ERP 9 with GST • 1. Basics of Accounting • 2. Computerized Accounting • 3. Tally.ERP 9 & Elemental Features • 4. Creating Masters in Tally.ERP 9 • 5. Working with Vouchers • 6. Working with Advanced Accounting Features • 7. Working with Advanced Inventory Features • 8. Bill-wise and Batch-wise Details • 9. Bill of Materials • 10. Data Handling in Tally.ERP 9 • 11. Reports in Tally.ERP 9 • 12. Introducing Tax Return Preparer (TRP) • 13. Tax Deducted at Source (TDS) • 14. Goods and Services Tax • 15. E-Way Bill • 16. Making Cashless Transactions • • MS EXCEL • 1. Introducing Excel 2013 • 2. Working with Data • 3. Working with Formulas and Functions • 4. Working with Data Analysis Tools and Data Protection • 5. Working with Google Sheets

9789386052438 | Pages: 528 | ₹ 599



Comdex Tally.ERP 9 Course Kit | e

Dr. Namrata Agrawal

ABOUT THE AUTHOR

Dr. Namrata Agrawal is a professor in National Institute of Financial Management (NIFM), Ministry of Finance, Government of India. Dr. Agrawal has more than 20 years of teaching, research & consultancy experience in the field of Finance and IT. She has published more than 20 research papers in both National and International level. She was awarded the Best Paper Award in the International Conference organized by University of Maryland (ES), USA.

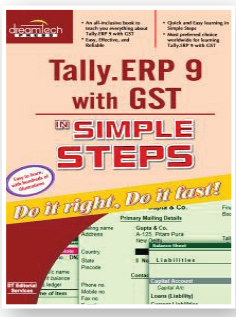
ABOUT THE BOOK

Comdex Tally.ERP 9 Course Kit is an all-inclusive guide for students and working professionals wanting to get an in-depth knowledge about Tally.ERP 9 software. It aims at providing the students with a complete handbook for self-learning, and covers all the features of Tally.ERP 9 based on business aspects for goods and services along with empirical examples. This book is a complete package that includes all the major topics related to the usage of Tally.ERP 9.

TABLE OF CONTENTS

• Accounting • Tally.ERP 9 Installation & Language Setup • Introduction to Tally • Account Information • Vouchers in Tally • Inventory Information • Pure Inventory Vouchers • Purchase/ Sales Order & Cheque Printing • Reports, • Internet Capabilities • Important features of Tally • TDS Module • Goods and Services Tax • Payroll Module

9789388934794 | Pages: 468 | ₹ 399



Tally.ERP 9 with GST in Simple Steps | e

DT Editorial Services

ABOUT THE AUTHOR

DreamTech Editorial Services (DTES) has been providing quality learning to a wide spectrum of readers across India. Imbibing the spirit of Knowledge, Creativity and Experience, DTES has presently become one of the leading publishers of Accounting, IT, Engineering and Management books in India today. Our dynamic work culture passionately pronounces our lasting commitment to quality and technical accuracy of our books. Our effort to continuously enhance and enrich the quality of our books, published under different series catering to the specific needs of each segment of the readers, is a sturdy affirmation towards this end. DTES focuses largely in three segments: computers and technology, career and competition, and business and management.

ABOUT THE BOOK

Tally.ERP 9 with GST IN SIMPLE STEPS is an all-inclusive guide for students and working professionals wanting to get an in-depth knowledge about Tally.ERP 9 software. It aims at providing the students with a complete handbook for self-learning, and covers

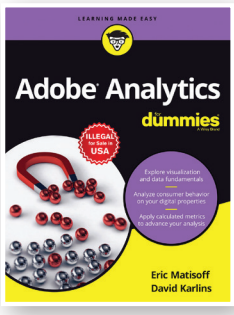
all the features of Tally.ERP 9 based on business aspects for goods and services along with empirical examples. This book is a complete package that includes all the major topics related to the usage of Tally.ERP 9.

TABLE OF CONTENTS

• Fundamentals of Accounting • Introduction to Tally.ERP 9 • Account Groups, Ledgers, Cost Categories and Cost Centres • Stock Groups, Stock Categories, Godowns, and Stock Items • Accounting, Optional and Non-Accounting Vouchers • Inventory and Order Processing Vouchers • Interest Calculation, Security Control, and Data Handling in Tally.ERP 9 • Generating Reports in Tally.ERP 9 • Working with Tax Deducted at Source (TDS) • Working with Goods and Services Tax (GST) • Working with Payroll in Tally.ERP 9

9789389872552 | Pages: 320 | ₹ 499

ANALYTICS



Adobe Analytics For Dummies | e

David Karlins, Eric Matisoff

ABOUT THE AUTHOR

Mark Stringham has more than a decade of experience in the digital analytics industry. He helps Fortune 500 companies and top brands build and deploy measurement strategies using Adobe Analytics. Mark enjoys training about Adobe Analytics and is passionate about helping clients and students achieve high value from their analytics tools. Eric Matisoff (New York, NY) is Adobe's lead evangelist for their Analytics product. He appears regularly at tech and industry events to speak about the product as well as data science. David Karlins (New York, NY) is a long-time tech author and trainer with books on web design, HTML, CSS, and JavaScript to his credit.

ABOUT THE BOOK

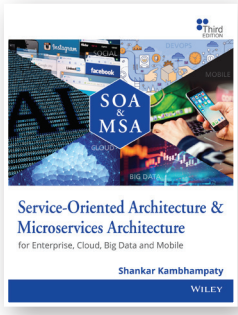
Implementing and utilizing Adobe Analytics can be intimidating to any digital marketer that doesn't have their hands in data day in and day out. You can empower yourself by breaking down the complicated nature of an Adobe Analytics implementation into relatable processes that take the fear out of utilizing this powerful tool. You'll gain a basic knowledge of key aspects and a solid foundation that will enable you to get the best possible use out of this tool.

TABLE OF CONTENTS

• Getting Started with Adobe Analytics • Analyzing Data • Massaging Data for Complex Analysis • Visualizing Data to Reveal Golden Nuggets • The Part of Tens

9788126504442 | Pages: 408 | ₹ 849

ARCHITECTURE



Service-Oriented Architecture & Microservices Architecture, 3ed : For Enterprise, Cloud, Big Data and Mobile | e

Shankar Kambhampaty

ABOUT THE AUTHOR

Shankar Kambhampaty is Chief Technology Officer for major financial services account at DXC.technology. Shankar has been involved for 26 years in architecture, design, development and management for a number of software projects executed globally. He has also played a key role in development of software products that have been exhibited in AIIM and COMDEX shows. Shankar has written several papers for International Conferences in the areas of Service-Oriented Architecture and software engineering. He has a Master's degree in Electrical Engineering with specialization in Digital Systems from Indian Institute of Technology, Kanpur (IIT Kanpur).

ABOUT THE BOOK

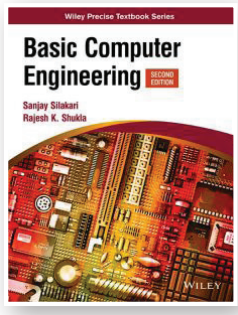
This book is a humble attempt from my side to share what I know about software architecture in general, and SOA/MSA in particular. I have structured this book keeping in mind the insights I have gathered over the past 26 years as a practicing IT professional. Although there are several good books and documents available on software architecture, SOA and MSA, I too wanted to do my bit in sharing knowledge.

TABLE OF CONTENTS

• Software Architecture • Service-Oriented Architecture • Microservices Architecture

9788126564064 | Pages: 328 | ₹ 1019

BASIC COMPUTING



Basic Computer Engineering, 2ed | e

Sanjay Silakari, Rajesh K. Shukla

ABOUT THE AUTHOR

Dr. Sanjay Silakari is a professor and Head of the Department of CSE in the University Institute of Technology of RGPV, Bhopal. He is the Dean in Faculty of CS / IT of RGPV and the Chairman of Board of Studies for CSE. He has been involved as a member of research degree committee and member of board of studies for various universities. With over two decades of teaching and administrative experience, he has been guiding the students for their doctoral and master studies.
Prof. Rajesh K. Shukla is the Dean (R&D) and Head, Department of CSE in the Sagar Institute of Research and Technology (SIRT), Bhopal (MP). He has over a decade of teaching experience in some of the reputed engineering institutions. Prof. Shukla has also been associated with different universities as a guest faculty, a counselor, an

examiner and for other academic assignments. He has authored four other books, namely, Object Oriented Programming in C++, Data Structures using C and C++, Theory of Computation, and Formal Languages and Automata Theory.

ABOUT THE BOOK

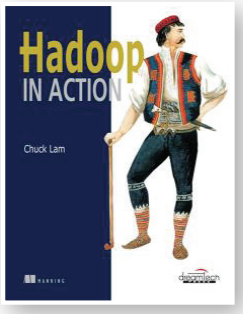
The book Basic Computer Engineering is written for all who want to know the complete information about the basics of computers. It covers the essentials of computers from computer basics such as Computer Definition, Operating System, Programming Languages, OOPS, C+ +, Data Structures, Database Management System, Computer Networking to advanced topics such as Internetworking Concepts, Devices, TCP / IP Model, Internet, World Wide Web, Network Security & E-Commerce, Neural Networks and Computing Ethics

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• Foreword • Preface • 1. Introduction to Computers • 2. Introduction to Operating System • 3. Study of MS Office (MS Word, MS PowerPoint and MS Excel) • 4. Programming Languages • 5. Programming in C++ • 6. Basics of Data Structures • 7. Introduction to Computer Networks • 8. Introduction to Cyber Security • 9. Database Management Systems • 10. Introduction to Cloud Computing • Model Question Papers 1-4 • Index

9788126543359 | Pages: 472 | ₹ 950

BIG DATA/ ANALYTICS



Hadoop in Action

Chuck Lam

ABOUT THE AUTHOR

Chuck Lam is a Senior Engineer at RockYou! He has a PhD in pattern recognition from Stanford University.

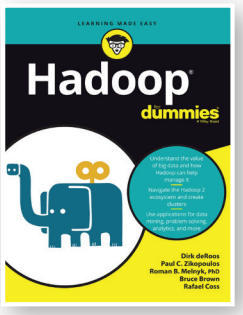
ABOUT THE BOOK

Hadoop in Action introduces the subject and teaches you how to write programs in the MapReduce style. It starts with a few easy examples and then moves quickly to show Hadoop use in more complex data analysis tasks. Included are best practices and design patterns of MapReduce programming. This book requires basic Java skills. Knowing basic statistical concepts can help with the more advanced examples.

TABLE OF CONTENTS

• Hadoop-A Distributed Programming Framework • Hadoop In Action • Hadoop Gone Wild

9788177228137 | Pages: 336 | ₹ 899



Hadoop for Dummies | e

Dirk Deroos, Paul C. Zikopoulos, Roman B. Melnyk, Bruce Brown, Rafael Coss

ABOUT THE AUTHOR

Roman B. Melnyk is a senior member of the DB2 Information Development team. Paul Zikopoulos is the executive for Technical Sales in IBM Information Management, and an award winning speaker and author of 16 books. Dirk deRoos is the world-wide technical sales lead for IBM's Hadoop offering: InfoSphere BigInsights.

Bruce Brown is a technical specialist focused on structured data in Hadoop on IBM's World-Wide Big Data team.

Rafael Coss is the leader of the IBM's Big Data Enablement team.

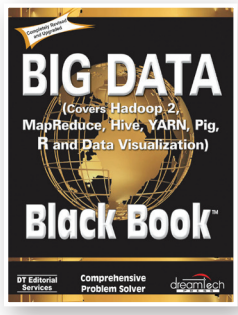
ABOUT THE BOOK

Big data has become big business, and companies and organizations of all sizes are struggling to find ways to retrieve valuable information from their massive data sets with becoming overwhelmed. Enter Hadoop and this easy-to-understand For Dummies guide. Hadoop for Dummies helps readers understand the value of big data, make a business case for using Hadoop, navigate the Hadoop ecosystem and build and manage Hadoop applications and clusters.

TABLE OF CONTENTS

• Introduction • Part I: Getting Started with Hadoop • Part II: How Hadoop Works • Part III: Hadoop and Structured Data • Part IV: Administering and Configuring Hadoop • Part V: The Part of Tens • Index

9788126550517 | Pages: 412 | ₹ 799



Big Data, Black Book: Covers Hadoop 2, MapReduce, Hive, YARN, Pig, R and Data Visualization | e

DT Editorial Services

ABOUT THE AUTHOR

DT Editorial Services has seized the market of computer books, bringing excellent content in software development to the fore. The team is committed to excellence—excellence in the quality of content, excellence in the dedication of its authors and editors, excellence in the attention to detail, and excellence in understanding the needs of its readers.

ABOUT THE BOOK

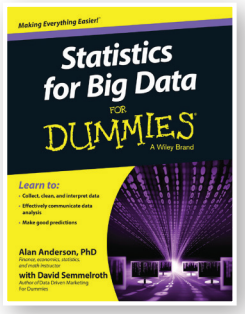
Big Data is one of the most popular buzzwords in technology industry today. Organizations worldwide have realized the value of the immense volume of data available and are trying their best to manage, analyse and unleash the power of data to build strategies and develop a competitive edge. At the same time, the advent of the technology has led to the evolution of a variety of new and enhanced job roles.

The objective of this book is to create a new breed of versatile Big Data analysts and developers, who are thoroughly conversant with the basic and advanced analytic techniques for manipulating and analysing data.

TABLE OF CONTENTS

• Cost Accounting Has Purpose • Refresher on Cost Terms • Cost Behavior and Cost Estimation • Cost-Volume-Profit Analysis •

9789351199311 | Pages: 1008 | ₹ 1299



Statistics for Big Data for Dummies | e

Alan Anderson, David Semmelroth

ABOUT THE AUTHOR

Alan Andersonis a professor of economics and finance at Fordham University and New York University. He's a veteran economist, risk manager and fixed income analyst.

David Semmelroth is an experienced data analyst, trainer and statistics instructor who consults on customer databases and database marketing.

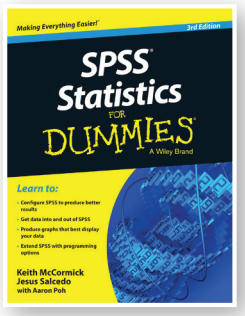
ABOUT THE BOOK

Statistics For Big Data For Dummies breaks this often-overwhelming subject down into easily digestible parts, offering new and aspiring data analysts the foundation they need to be successful in the field. Inside, you'll find an easy-to-follow introduction to exploratory data analysis, the lowdown on collecting, cleaning and organizing data, everything you need to know about interpreting data using common software and programming languages, plain-English explanations of how to make sense of data in the real world and much more.

TABLE OF CONTENTS

• Introducing Big Data Statistics • Preparing and Cleaning Data • Exploratory Data Analysis (EDA) • Big Data Applications • The Part of Tens

9788126558223 | Pages: 388 | ₹ 749



SPSS Statistics for Dummies, 3ed | e

Keith Mccormick, Jesus Salcedo, Aaron Poh

ABOUT THE AUTHOR

Jesus Salcedo is QueBIT's Director of Advanced Analytics Training. In this role, Jesus wrote and edited many training manuals on how to use IBM SPSS Statistics while training thousands of customers.

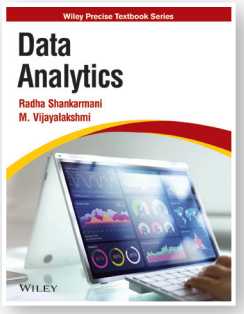
Keith McCormick is the Vice President and General Manager of QueBIT's Advanced Analytics team. He brings a wealth of consulting/training experience in statistics, predictive modeling and analytics and data mining. Keith has trained thousands of customers and is the lead author of the IBM SPSS Modeler Cookbook.

Aaron Poh is a business analyst supporting IT strategy, enterprise architecture and analytics at Booz Allen Hamilton and serves as a director at the Institute for Supply Management–Northern Virginia.

ABOUT THE BOOK

This book contains everything you need to know to get up and running quickly with this industry-leading software with clear, helpful guidance on working with both the software and your data. Every chapter of this new edition has been updated with screenshots and steps that align with SPSS 23.0. You'll learn how to set up the software and organize your workflow, then delve deep into analysis to discover the power of SPSS capabilities.

9788126557059 | Pages: 392 | ₹ 639



Data Analytics | e

Dr. Radha Shankarmani, Dr. M. Vijayalakshmi

ABOUT THE AUTHOR

Dr. Radha Shankarmani is currently working as Professor and Head at Department of Information Technology, Sardar Patel Institute of Technology, Mumbai. Prof Shankarmani holds a Masters degree in Computer Science and Engineering from NIT, Trichy and Bachelors degree from PSG College of Technology in Electronics and Communication Engineering. She has more than 20 years of teaching experience and 4 years of industry experience where she has held designations such as Programmer, Software Engineer and Manager.

Dr. M. Vijayalakshmi is Professor of Information Technology at VES Institute of Technology Mumbai. Currently she is also the Vice Principal of the college. During her career at VESIT, she has served on syllabus board of Mumbai University for BE of Computer Science and Information Technology departments. She has made several contributions to conferences, national and international in field of Data Mining, Big Data Analytics and has conducted several workshops on data mining related fields. Her areas of research include Databases, Data Mining, Business Intelligence and designing new algorithms for Big Data Analytics.

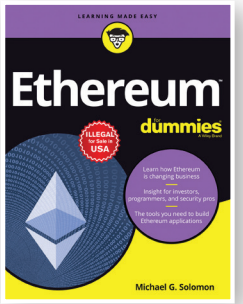
ABOUT THE BOOK

The goal of this book is to provide a smooth transition from traditional data analytics to recent algorithms for massive data analysis including real-time analytics. It focuses on concepts, principles, and techniques applicable to any technology environment and industry and establishes a baseline that can be enhanced further by additional real-world experience. This book aims to be a ready reckoner to either a novice or a professional working in the field. A whole section is devoted to classical supervised methods of analysis like regression, times series, Bayesian analysis, etc. Recent topics in clustering and data streams analysis is covered later. Emphasis is on newer tools like MapReduce and NoSQL. A comprehensive discussion of real-time analytics is included.

TABLE OF CONTENTS

• Introduction to Big Data • Data Analysis • Neural Networks • Mining Data Streams • Frequent Itemsets and Clustering • Frameworks and Visualization

9789354641824 | Pages: 336 | ₹ 925



Ethereum For Dummies | e

Michael G. Solomon

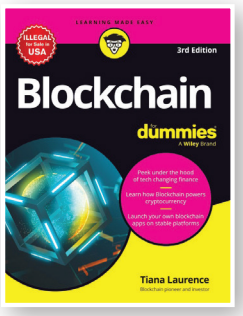
ABOUT THE AUTHOR

Michael G. Solomon, CISSP, PMP, CISM (metro Atlanta, GA) is a full-time security, privacy, blockchain, and data science speaker, consultant, and author. He is currently a professor of Cybersecurity and Global Business with Blockchain Technology at the University of the Cumberlands. He is author of over 20 books on security, IT, and the PMP exam.

ABOUT THE BOOK

Professionals look to Ethereum as a blockchain-based platform to develop safe applications and conduct secure transactions. It takes a knowledgeable guiding hand to understand how Ethereum works and what it does — and Ethereum For Dummies provides that guidance. Written by one of the leading voices in the blockchain community and best selling author of Blockchain For Dummies, this book demystifies the workings of Ethereum and shows how it can enhance security, transactions, and investments.

9788126504466 | Pages: 280 | ₹ 1059



Blockchain For Dummies, 3ed

Laurence

ABOUT THE AUTHOR

Tiana Laurence is a serial entrepreneur who has founded a number of companies in the tech space. One of those companies was Factom, a leading blockchain solutions provider. She's currently managing partner at Laurence Ventures, an investing firm focused on blockchain and IoT solutions. Tiana also writes for TechTarget.

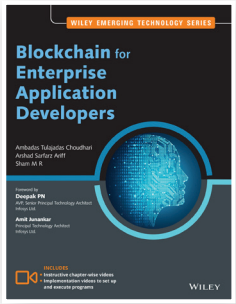
ABOUT THE BOOK

Blockchain has become the buzzword in the world of financial technology and transaction security. Blockchain For Dummies provides a fast way to catch up with the essentials of this quickly evolving tech. Written by an author involved in founding and analyzing blockchain technologies, this book serves to help those who need to understand what a blockchain can do (and can't do), how it drives the world of smart contracts and cryptocurrencies, and how blockchain is disrupting huge industries.

TABLE OF CONTENTS

• Getting Started with Blockchain • Developing Your Knowledge • Powerful Blockchain Platforms • Industry Impacts • The Part of Tens

9789363862296 | Pages: 264 | ₹ 799



Blockchain for Enterprise Application Developers | e | IM

Ambadas Tulajadas Choudhari, Arshad Sarfarz Ariff, Sham M R

ABOUT THE AUTHOR

Ambadas is a TOGAF-certified software architect with experience in cross-technology projects in insurance, life sciences, and financial services domains. He is involved in wide variety of consultancy activities, such as enterprise architecture, legacy modernization, performance optimization in IT systems, etc.

Arshad Sarfarz Ariff is a Senior Technology Architect working with Infosys Ltd. and is having more than 16 years of software expertise with hands-on experience in Ethereum, MEAN Stack, and .Net Core. He has been instrumental in providing solution architecture for many enterprise projects, including working on multiple proof-of-concepts ranging from blockchain to machine learning to voice bots.

Sham is a technology architect proficient in various technologies, such as full stack, middleware, Pega, RPA, ETL, databases, etc., across healthcare, insurance, and banking industry verticals. He is a tech enthusiast focused on learning blockchain, cloud, and data science. He is a LOMA, FLMI, and Pega-certified senior system architect.

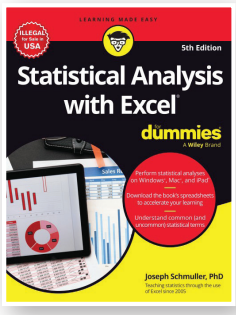
ABOUT THE BOOK

Blockchain for Enterprise Application Developers tries to touch various aspects in blockchain space, from understanding what it is, how to design solutions, how to build prototypes and where the landscape is heading. Two popular blockchain platforms – Ethereum and Hyperledger – are explained and utilized in this book, mainly due to popularity and relevance for enterprise use cases, respectively. Significant focus has also been made on enterprise use cases where current technologies are already solving the problems in the domain in certain way.

TABLE OF CONTENTS

• Evolution of Blockchain • Blockchain Concepts • Architecting Blockchain Solutions • Ethereum Blockchain Implementation • Hyperledger Blockchain Implementation • Advanced Concepts in Blockchain

9788126599967 | Pages: 336 | ₹ 719



Statistical Analysis with Excel For Dummies, 5ed

Schmuller

ABOUT THE AUTHOR

Joseph Schmuller, PhD, is a Research Scholar at the University of North Florida. He is a former member of the American Statistical Association and has taught statistics at the undergraduate, honors undergraduate, and graduate levels.

ABOUT THE BOOK

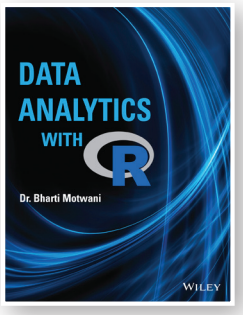
Stunned by statistics? Exhausted by Excel? Relax! Statistical Analysis with Excel For Dummies, 4th Edition shows you how to use the

world's most popular spreadsheet program to crunch numbers and interpret statistics—even if you've never taken a statistics or advanced math course. In no time, you'll learn to use Excel to create and translate statistics in everyday life, understand common statistical terms, and improve your classroom or professional skills.

TABLE OF CONTENTS

• Getting Started with Statistical Analysis with Excel: A Marriage Made in Heaven • Describing Data • Drawing Conclusions from Data • Probability • The Part of Tens

9789377068417 | Pages: 580 | ₹ 979



Data Analytics with R | e | IM

Dr. Bharti Motwani

ABOUT THE AUTHOR

Dr. Bharti Motwani is an analytical professional, IT and analytics consultant, result-driven and articulate academician who can think out of the box, with more than 21 years of experience in corporate world and academics. She has written more than 75 research papers in leading national and international journals and books, including journals indexed in Scopus. She is the recipient of Young Scientist of the Year award (2015) from the Institute of Research and Journals. She has proved dexterousness in research methodologies and software development by conducting various seminars and workshops related to latest tools in research and software and guiding various research and software projects.

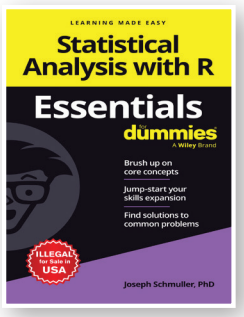
ABOUT THE BOOK

Data analysis is the method of examining, cleansing, and modeling with the objective of determining useful information for effective decision-making and operations. It includes diverse techniques and tools and plays a major role in different business, science and social science areas. R software provides numerous functions and packages for using different techniques for producing desired outcome. Data Analytics with R will enable readers gain sufficient knowledge and experience to perform analysis using different analytical tools available in R. Each chapter begins with a number of important and interesting examples taken from a variety of sectors.

TABLE OF CONTENTS

• PART 1 Basics of R • Chapter 1 Introduction to R • Chapter 2 Data Types of R • Chapter 3 Programming in R • Chapter 4 Data Exploration and Manipulation • Chapter 5 Import and Export of Data • PART 2 Visualization Techniques • Chapter 6 Basic Visualization • Chapter 7 Advanced Visualization • PART 3 Statistical Analysis • Chapter 8 Basic Statistics • Chapter 9 Compare Means • Chapter 10 Time-Series Models • PART 4 Machine Learning • Chapter 11 Unsupervised Machine Learning Algorithms • Chapter 12 Supervised Machine Learning Problems • Chapter 13 Supervised Machine Learning Algorithms • Chapter 14 Supervised Machine Learning Ensemble Techniques • Chapter 15 Machine Learning for Text Data • Chapter 16 Neural Network Models (Deep Learning)

9788126576463 | Pages: 664 | ₹ 999



Statistical Analysis with R Essentials For Dummies | e

Joseph Schmuller

ABOUT THE AUTHOR

Joseph Schmuller, PhD, is a cognitive scientist and statistical analyst. He creates online learning tools and writes books on the technology of data science. His books include R All-in-One For Dummies and R Projects For Dummies.

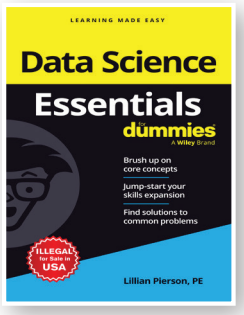
ABOUT THE BOOK

Statistical Analysis with R Essentials For Dummies is your reference to all the core concepts about R—the widely used, open-source programming language and data analysis tool. This no-nonsense book gets right to the point, eliminating review material, wordy explanations, and fluff. Understand all you need to know about the foundations of R, swiftly and clearly. Perfect for a brush-up on the basics or as an everyday desk reference on the job, this is the reliable little book you can always turn to for answers.

TABLE OF CONTENTS

• Data, Statistics, and Decisions • Introducing R • Digging Deeper Into R • Finding Your Center • Deviating from the Average • Standards, Standings, and Summaries • What's Normal? • The Confidence Game: Estimation • One-Sample Hypothesis Testing • Two-Sample Hypothesis Testing • Testing More Than Two Samples • Linear Regression • Correlation: The Rise and Fall of Relationships • Ten Valuable Online Resources

9789363868397 | Pages: 192 | (Exclusive)



Data Science Essentials For Dummies | e

Lillian Pierson

ABOUT THE AUTHOR

Lillian Pierson, PE, is the founder and fractional CMO at Data-Mania, as well as a globally recognized growth leader in technology. To date, she has helped educate approximately 2 million professionals on how to leverage AI, data strategy, and data science to drive business growth.

ABOUT THE BOOK

Feel confident navigating the fundamentals of data science

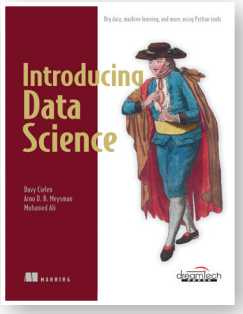
Data Science Essentials For Dummies is a quick reference on the core concepts of the exploding and in-demand data science field, which involves data collection and working on dataset cleaning, processing, and visualization. This direct and accessible resource helps you brush up on key topics and is right to the point—eliminating review material, wordy explanations, and fluff—so you get what you need, fast.

TABLE OF CONTENTS

• Wrapping Your Head Around Data Science • Tapping into Critical Aspects of Data Engineering • Using a Machine to Learn from Data • Math, Probability, and Statistical Modeling • Grouping Your Way into Accurate Predictions • Coding Up Data Insights and Decision Engines • Generating Insights with Software Applications • Telling

Powerful Stories with Data • Ten Free or Low-Cost Data Science Libraries and Platforms

9789363868090 | Pages: 192 | (Exclusive)



Introducing Data Science : Big Data, Machine Learning, and More, Using Python Tools

Davy Cielen, Arno D.B. Meysman, Mohamed Ali

ABOUT THE AUTHOR

Davy Cielen, Arno D. B. Meysman, and Mohamed Ali are the founders and managing partners of Optimately and Maiton, where they focus on developing data science projects and solutions in various sectors.

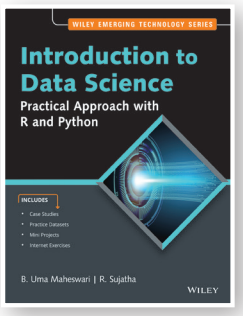
ABOUT THE BOOK

Introducing Data Science explains vital data science concepts and teaches you how to accomplish the fundamental tasks that occupy data scientists. You'll explore data visualization, graph databases, the use of NoSQL, and the data science process. You'll use the Python language and common Python libraries as you experience firsthand the challenges of dealing with data at scale. Discover how Python allows you to gain insights from data sets so big that they need to be stored on multiple machines, or from data moving so quickly that no single machine can handle it.

TABLE OF CONTENTS

• Data science in a Big Data world • The data science process • Machine learning • Handling large data on a single computer • First steps in Big Data • Join the NoSQL movement • The rise of graph databases • Text mining and text analytics • Data visualization to the end user

9789351199373 | Pages: 320 | ₹ 849



Introduction to Data Science : Practical Approach with R and Python | e | IM

B. Uma Maheswari, R. Sujatha

ABOUT THE AUTHOR

Dr. B. Uma Maheswari is an Associate Professor of the Decision Sciences stream at PSG Institute of Management, Tamil Nadu, India. An academician with around two decades of experience, she specializes in the field of strategic management, business analytics, design thinking, and entrepreneurship. She is also an adjunct faculty of University of Toledo, USA. Dr. Maheswari has undergone trainings with various prestigious institutions across the globe.

Dr. R. Sujatha is an Associate Professor at PSG Institute of Management, PSG College of Technology, where she has been teaching since 2000. She is also an adjunct faculty of University of Toledo, USA. She has more than two decades of wide-ranging experience in teaching, research, and consulting at PSG Institute of Management. She has undergone an extensive 4 months' Faculty Development Program at Indian Institute of Management, Ahmedabad. She has been certified by Wharton Business School, University of Pennsylvania, for the completion of their online course on Customer Analytics, People Analytics, Operation Analytics and Accounting Analytics.

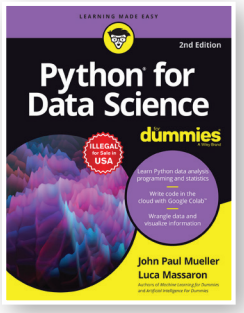
ABOUT THE BOOK

Introduction to Data Science: Practical Approach with R and Python covers all the fundamental concepts of Data Science in a concise manner. It offers a mix of insights and golden rules which would be needed in analyzing data. This book serves as a practical guide for Science/Engineering/MBA students – both at the undergraduate and postgraduate level interested in Data Science domain.

TABLE OF CONTENTS

• Introduction to Data Science • Introduction to R and Python • Exploratory Data Analysis • Data Visualization • Dimensionality Reduction Techniques • Types of Machine Learning Algorithms • Unsupervised Learning Algorithms • Text Analytics • Supervised Learning Algorithms: Linear and Logistic Regression • Supervised Learning Algorithms: Decision Tree and Random Forest • Supervised Learning Algorithm: KNN, Naïve Bayes, and Linear Discriminant Analysis • Support Vector Machines and Artificial Neural Networks • Time Series Forecasting • Ensemble Methods • Artificial Intelligence • Applications of Analytics

9789354640506 | Pages: 584 | ₹ 975



Python for Data Science For Dummies, 2ed | e

John Paul Mueller, Luca Massaron

ABOUT THE AUTHOR

John Mueller is a freelance author and technical editor. He has writing in his blood, having produced 99 books and more than 600 articles to date. The topics range from networking to home security and from database management to heads-down programming. During his time at Cubic Corporation, John was exposed to reliability engineering and has had a continued interest in probability ever since.

Luca Massaron is a data scientist specialized in organizing and interpreting big data and transforming it into smart data by means of the simplest and most effective data mining and machine learning techniques. Because of his job as a quantitative marketing consultant and marketing researcher, he has been involved in quantitative data since 2000 with different clients and in various industries. Luca was able to quickly rank among the top 10 Kaggle data scientists.

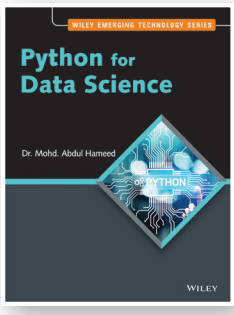
ABOUT THE BOOK

Python is a general-purpose programming language that is popular with data scientists. It is free, as are a number of open-source libraries help acquire, organize, and process information. This book is designed for beginners to data analysis and covers the basics of Python data analysis programming and statistics. The book covers the Python fundamentals that are necessary to data analysis, including objects, functions, modules, and libraries. The book provides the statistical background needed to get started in data science programming, including probability, random distributions, hypothesis testing, confidence intervals, and building regression models for prediction.

TABLE OF CONTENTS

• Getting Started With Data Science and Python • Getting Your Hands Dirty With Data • Visualizing Information • Wrangling Data • Learning From Data • The Part of Tens

9788126524938 | Pages: 504 | ₹ 849



Python for Data Science | e | IM

Mohd. Abdul Hameed

ABOUT THE AUTHOR

Dr. Mohd. Abdul Hameed is currently working as an Assistant Professor in the Department of Computer Science and Engineering, University College of Engineering, Osmania University (OU), Hyderabad, Telangana. Further, he holds an additional responsibility as Training and Placement Officer at the College of Engineering, OU. He is a member of Board of Studies in both Osmania University and Mahatma Gandhi University.

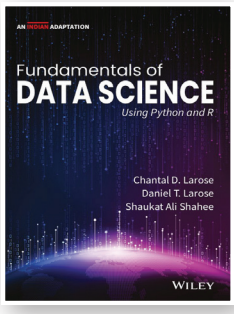
ABOUT THE BOOK

Python for Data Science contains the basic and advanced concepts to understand Python language. Besides, it furnishes the detailed procedure on how to implement a Data Science project. This book is intended to develop in readers the skills to independently work on their Data Science projects. In addition to UG, PG, and PhD students, this book would be a ready reckoner to IT professionals.

TABLE OF CONTENTS

• Python Data Types, Values, and Identifiers • Statements, Expressions, and Operators • Python's Flow Control Tools • Functions in Python • Python Modules • Python Classes and Objects • Files and Input/Output • Errors and Exceptions • Pandas • Data Visualization with Seaborn • Introduction to Machine Learning

9789354243479 | Pages: 296 | ₹ 650



Fundamentals of Data Science Using Python and R, (An Indian Adaptation) | e | IM

Chantal D. Larose, Daniel T. Larose, Shaukat Ali Shahee

ABOUT THE AUTHOR

Chantal D. Larose

Chantal D. Larose earned her PhD in Statistics from the University of Connecticut in 2015, focusing her dissertation on Model-Based Clustering of Incomplete Data. As an Assistant Professor of Decision Science at SUNY New Paltz, she played a pivotal role in developing the Bachelor of Science in Business Analytics program. Currently, she serves as an Assistant Professor of Statistics and Data Science at Eastern Connecticut State University, contributing to the design of the Mathematical Sciences Department's data science curriculum.

Daniel T. Larose

Daniel T. Larose completed his PhD in Statistics from the University of Connecticut in 1996, with his dissertation titled Bayesian Approaches to Meta-Analysis. A Professor of Statistics and Data Science at Central Connecticut State University, he pioneered the world's first online Master of Science in Data Mining in 2001. As the author or coauthor of 12 textbooks, Daniel also directs the online Master of Data Science program at CCSU and operates a consulting business.

Shaukat Ali Shahee

Shaukat Ali Shahee received his PhD from the SJM School of Management at the Indian Institute of Technology Bombay, where his research addressed challenges in analyzing imbalanced data with diverse intrinsic characteristics. His work has been featured in renowned journals such as International Journal of Artificial Intelligence and Soft Computing, Applied Intelligence, and Data Mining and Knowledge Discovery, as well as in the prestigious Advances in Data Mining book series. With 5.5 years of industry experience, he has served as a Quantitative Research Analyst at AlphaCrest Capital Management, a Deputy Manager at Bank of Maharashtra, and a Research Engineer at the IIT Bombay CSE department.

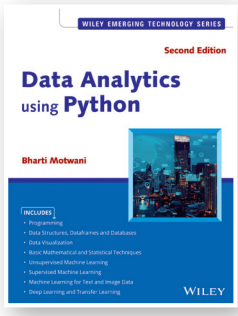
ABOUT THE BOOK

Fundamentals of Data Science Using Python and R is an essential resource for students and professionals eager to explore data science with Python and R, two of the most popular open-source tools. The book covers the entire Data Science Methodology—from problem understanding to model deployment—and has been widely praised for its clarity and practicality. This adapted edition retains the core structure of the original, while enhancing end-of-chapter questions to suit the Indian academic environment. New examples and exercises focus on India-specific datasets, encouraging students to apply their knowledge to real-world scenarios relevant to India's socio-economic and technological contexts. This hands-on approach ensures students gain both theoretical understanding and practical skills for a data-driven world.

TABLE OF CONTENTS

• Introduction to Data Science • The Basics of Python And R • Data Preparation • Explorator Y Data Analysis • Preparing to Model The Data • Decision Trees • Model Evaluation • Naïve Bayes Classification • Neural Networks • Clustering • Regression Modeling • Dimension Reduction • Generalized Linear Models • Association Rules

9789363860759 | Pages: 276 | ₹ 999



Data Analytics using Python, 2ed | e | IM

Bharti Motwani

ABOUT THE AUTHOR

Dr. Bharti Motwani has over 28 years of experience in teaching, corporate, research and consultancy in a variety of contexts. She is an ambitious and analytical professional, IT and analytics consultant, corporate trainer, result-driven and articulate academician who can think "out of the box", who loves to innovate and engage in new challenges.

She has high technical expertise in big data and artificial intelligence tools (Python, R, Hadoop, Rapid Miner, Knime, Spark, Hive, Pig, Scala,

Power BI, Tableau, SAS, Cognos), statistical tools (SPSS, AMOS, Smart PLS), programming tools (Visual Basic, Java, C, C++, C#, PHP); SQL and NoSQL Database (Neo4J, MongoDB, Oracle, MS SQL Server, My SQL, MS Access); various IDE and web designing tools.

ABOUT THE BOOK

In this competitive world, there is a need to continue supporting core strengths in higher education: build on a reputation for excellence and diversity in learning and teaching, world-leading research and an enviable record of knowledge exchange. The goal of this book is to open the doors of opportunity related to different analytical techniques from a broader array of datasets. It is an attempt to provide a reservoir of updated knowledge on varied tools for academicians, consultants, research scholars, practitioner and students. Data Analytics using Python will enable readers gain sufficient knowledge and experience to perform analysis using different tools and techniques available in numerous libraries according to different requirement of the user for different types of data. In order to provide a more meaningful and easier learning experience, this book has been written with more interesting and relevant real-life examples. The examples taken from a variety of sectors are solved with proper explanation of code and comments are used for better clarity. This easy-to-understand approach would enable readers to develop the required skills and apply techniques to solve all types of problems in Python in an effective manner.

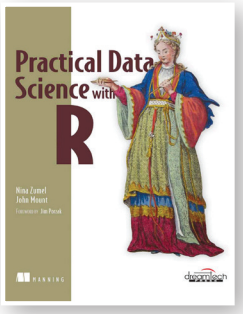
The second edition of this book includes new chapters related to web scraping with Beautiful Soup and Selenium, new visualization technologies like dashboard with streamlit and graphical user interface with tkinter, integration of NoSQL databases like Neo4j, MongoDB and more SQL databases, advanced mathematical and statistical techniques like optimization and conjoint analysis, object oriented programming in Python, machine learning techniques like recommendation system, apriori algorithm and association rules and many more.

TABLE OF CONTENTS

• Programming in Python • Data Structures, Databases and Dataframes • Data Visualization • Basic Mathematical and Statistical Techniques • Unsupervised Machine Learning • Supervised Machine Learning • Machine Learning for Text and Image Data

·Deep Learning and Transfer Learning

9789357469449 | Pages: 828 | ₹ 950



Practical Data Science with R

Nina Zumel, John Mount

ABOUT THE AUTHOR

Nina Zumel and John Mount are cofounders of a San Francisco-based data science consulting

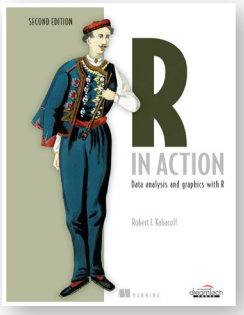
ABOUT THE BOOK

"Practical Data Science with R shows you how to apply the R programming language and useful statistical techniques to everyday business situations. Using examples from marketing, business intelligence and decision support, it shows you how to design experiments (such as A/B tests), build predictive models, and present results to audiences of all levels.

TABLE OF CONTENTS

• Part 1 Introduction to data science • Part 2 Modeling methods • Part 3 Delivering results

9789351194378 | Pages: 416 | ₹ 899



R in Action, 2ed

Robert L. Kabacoff

ABOUT THE AUTHOR

Dr. Rob Kabacoff is a seasoned researcher and teacher who specializes in data analysis. He also maintains the popular Quick-R website at statmethods.net.

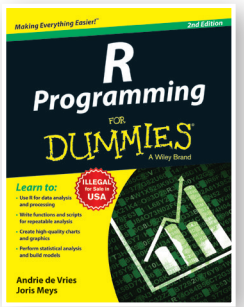
ABOUT THE BOOK

R in Action, Second Edition teaches you how to use the R language by presenting examples relevant to scientific, technical and business developers. Focusing on practical solutions, the book offers a crash course in statistics, including elegant methods for dealing with messy and incomplete data. You'll also master R's extensive graphical capabilities for exploring and presenting data visually. And this expanded second edition includes new chapters on forecasting, data mining and dynamic report writing.

TABLE OF CONTENTS

• Getting started • Basic methods • Intermediate methods • Advanced methods • Expanding your skills

9789351198079 | Pages: 608 | ₹ 1099



R Programming For Dummies, 2ed

Andrie de Vries, Joris Meys

ABOUT THE AUTHOR

Joris Meys is a statistician and R programmer with the faculty of Bio-Engineering, the University of Ghent.

Andre de Vries Business Services Director, Revolution Analytics and is responsible for delivering consulting and training services in the use of R. He is a leading R expert and has over 20 years' experience delivering smart, data-driven analytics and strategic insights for clients, most recently at his own consultancy, PentaLibra and previously at Nokia, Symbian, Psion, Bain and Andersen Consulting.

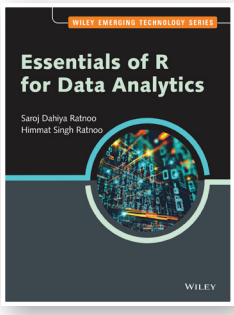
ABOUT THE BOOK

Getting to grips with R can be a tough, even for seasoned statisticians and data analysts. Enter R For Dummies 2e, the quick, easy way to master all the R you'll ever need. Requiring no prior programming experience and packed with practical examples, easy, step-by-step exercises and sample code, this extremely accessible guide is the ideal introduction to R for complete beginners. It also makes an excellent technical reference for experienced R programmers.

TABLE OF CONTENTS

• Getting Started with R Programming • Getting Down to Work in R • Coding in R • Making the Data Talk • Working with Graphics • The Part of Tens

9788126562183 | Pages: 440 | ₹ 939



Essentials of R for Data Analytics | e | IM

Saroj Dahiya Ratnoo, Himmat Singh Ratnoo

ABOUT THE AUTHOR

Saroj Dahiya Ratnoo is a Professor in the Department of Computer Science and Engineering, Guru Jambheshwar University of Science and Technology, Hisar, Haryana.

Himmat Singh Ratnoo completed his doctoral work from the University College London and teaches in the Department of Economics, Maharshi Dayanand University, Rohtak.

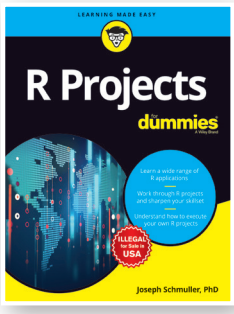
ABOUT THE BOOK

With widespread and exponential growth of data, people with data science background are in great demand. Data analytics, a subdomain of data science, is meant to turn data into insight and actionable knowledge. Data analytics mainly deals with exploring, visualizing, transforming and modelling data for making predictions. Learning R is an essential step towards becoming a data analyst.

TABLE OF CONTENTS

• Introduction to HR Analytics • Getting Help in R • Vectors and Factors in R • Matrices in R • Lists and Data Frames in R • Strings and Dates in R • Input Output in R • Conditional Statements and Loops in R • Writing Functions in R • An Introduction to Graphics in R • Making Graphs and Charts in R • Graphics using ggplot2 • Data Transformations in R • Predictive Analytics: Classification in R • Predictive Analytics: Regression in R

9789390421923 | Pages: 332 | ₹ 569



R Projects For Dummies | e

Joseph Schmuller

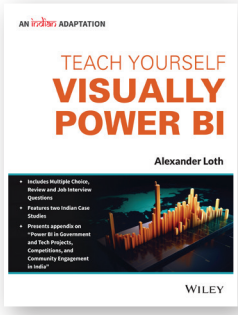
ABOUT THE AUTHOR

Joseph Schmuller is a Research Scholar at the University of North Florida. He is a former member of the American Statistical Association and has taught statistics at the undergraduate, honors undergraduate and graduate levels. He is a veteran of over 25 years in Information Technology and has held many academic positions. He is the author of several books on computing, including four editions of Statistical Analysis with Excel For Dummies, and Statistical Analysis with R For Dummies, and hehas created online coursework for Lynda.com.

ABOUT THE BOOK

R Projects For Dummies offers a unique learn-by-doing approach. You will increase the depth and breadth of your R skillset by completing a wide variety of projects. By using R's graphics, interactive, and machine learning tools, you'll learn to apply R's extensive capabilities in an array of scenarios. The depth of the project experience is unmatched by any other content online or in print. And you just might increase your statistics knowledge along the way, too!

9788126575312 | Pages: 368 | ₹ 639



Teach Yourself VISUALLY Power BI, (An Indian Adaptation) | e | IM

Alexander Loth

ABOUT THE AUTHOR

Alexander Loth is a distinguished digital strategist and data scientist with over 14 years of experience advising numerous large companies on their digital transformations. He has a background in computational nuclear research, having worked at the European Organization for Nuclear Research (CERN) before transitioning to the tech industry.

ABOUT THE BOOK

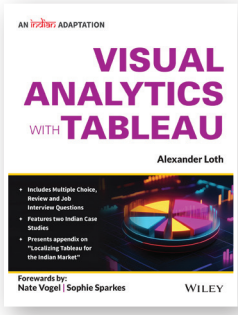
Master Power BI with Teach Yourself VISUALLY Unlock the full potential of Microsoft's powerful data visualization software with Teach Yourself VISUALLY Power BI. This comprehensive guide brings together all the essential resources needed to master both basic and advanced Power BI functions in one convenient, easy-to-use volume.

Featuring fully illustrated, step-by-step instructions and clear, high-quality screenshots, this book makes learning Power BI accessible and engaging. Whether you're just getting started or looking to refine your skills, this guide provides everything you need to navigate Power BI's robust features with ease.

TABLE OF CONTENTS

• Getting Started with Power BI • Connecting • Cleaning and Shaping Data • Modeling Data in Model View • Creating Basic Visualizations • Creating Advanced Data Visualizations • Showing Geographic Data on Maps • Using Calculated Columns and DAX • Using Analytics and Machine Learning • Creating Interactive Reports • Publishing Reports and Dashboards

9789363869554 | Pages: 284 | ₹ 799



Visual Analytics with Tableau, (An Indian Adaptation) | e

Alexander Loth , Nate Vogel, Sophie Sparkes

ABOUT THE AUTHOR

Alexander Loth is a data scientist with a background in computational nuclear research. Since 2015, he has been with Tableau Software as digital strategist. In that role, he has advised many large companies in their transformation to become data-driven organizations.

ABOUT THE BOOK

Tableau is a leading data visualization tool that's simple enough for individual desktop users and robust enough for enterprise solutions. Widely used by financial analysts, marketers, statisticians, business leaders, and sales professionals, Tableau makes it easy to present data visually for quick and clear decision-making in today's data-driven world.

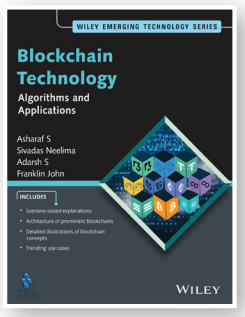
Visual Analytics with Tableau takes non-technical business users on a complete journey — starting from zero, connecting data, and creating impactful visualizations and dashboards to unlock business insights.

TABLE OF CONTENTS

• Introduction and Getting Started with Tableau • Adding Data Sources in Tableau • Creating Data • Aggregate • Table • Maps • Advanced Analytics: Trends, Forecasts, Clusters, and other Statistical Tools • Interactive Dashboards • Sharing Insights with Colleagues and the World • Data Preparation with Tableau Prep

9789363863477 | Pages: 316 | ₹ 799

BLOCKCHAIN



Blockchain Technology : Algorithms and Applications | e

Asharaf S, Sivadas Neelima, Adarsh S, Franklin John

ABOUT THE AUTHOR

"Dr. Asharaf S. worked as a Research Scientist at America Online (AOL) R&D Labs and as an Assistant Professor at the Indian Institute of Management Kozhikode. He is a computer engineer/scientist with extensive exposure to algorithms for machine learning.

Sivadas Neelima is a Research Intern of the Blockchain Excellency Programme at Kerala Blockchain Academy (KBA), a centre of excellence under the Kerala University of Digital Sciences, Innovation and Technology (KUDSIT

Adarsh S is currently working as a Senior Scientist and Convener of Kerala Blockchain Academy. He was part of the Agrochain team that won the Profer International Blockchain Hackathon in 2017 and the NITI Aayog prize for Golden Ticket Entry to the Global Entrepreneurship Summit 2017. He is also a technical representative of the Hyperledger Foundation.

Franklin John is a Research Scientist at the Kerala Blockchain Academy (KBA), a centre of excellence under the Kerala University of Digital Sciences Innovation and Technology. He is actively involved in research on various blockchain technologies and manages training activities at KBA.

ABOUT THE BOOK

This book builds a conceptual understanding of blockchains. It is designed to focus on the concepts that build the blockchain. The concepts are in a simplified manner, making it comprehensible for a reader even with a non-computer science background. Deep-rooted understanding of blockchain fundamentals and its functioning.

TABLE OF CONTENTS

• Blockchain: Redefining the Internet • Blockchain as an Evergreen Concept • Dissecting Blockchain • Creating a Truly Decentralised Network • Decentralised Internet: Public Blockchains • Blockchain 2.0: Programmable Blockchains • Permissioned Distributed Ledger Technology • Challenges of Blockchain • Use cases in Blockchain technology • The Revolutionary Impact of Blockchain

9789357461726 | Pages: 204 | ₹ 750



Blockchain Technology : Concepts and Applications | e | IM

Kumar Saurabh, Ashutosh Saxena

ABOUT THE AUTHOR

Kumar Saurabh was Principal Architect and Head – Digital ITS (Innovation, Transformation and Solution) at CenturyLink, and Principal Architect and Head – Strategic Cloud Solutions group at Tech Mahindra. He has been Panelist, Chair, Keynote Speaker, Editorial Member, and Tutorial Presenter at various forums throughout the globe. He has authored multiple research papers published in various international and national journals and proceedings.

Ashutosh Saxena is an industry expert and academician with over two decades of experience, 90+ international publications with over 2000 citations, 31 filled patents out of which 27 are now US granted patents, and author of book PKI: Concept, Design and Deployment. His research interest is in the areas of information security and privacy. He has been a member of the review board for many international journals, conferences, and committees.

ABOUT THE BOOK

Blockchain Technology: Concepts and Applications covers not only the technical aspects of blockchain but also its basic building blocks. These building blocks consist of hash functions, cryptography and consensus. The organizations of the chapters are in logical sequence; however, readers can skip the building block chapters if they directly want to learn the blockchain technology. The decentralized system useful for blockchain technology is also covered independently. There is a separate chapter on Ethereum, a prominent platform for development of blockchain based solution. To understand the complete gambit of Bitcoin, one can directly read its chapter.

TABLE OF CONTENTS

• Basics of Blockchain • Decentralized System • Hash Functions • Consensus • Blockchain Components • Cryptography • Smart Contracts • Bitcoins • Decentralized Applications • Blockchain Vertical Solutions and Use Cases • Blockchain and Allied Technologies

9788126557660 | Pages: 372 | ₹ 789



Advanced Blockchain Technologies : A Comprehensive Textbook on Ethereum Smart Contracts to Decentralised Applications | e

Asharaf S, Sivadas Neelima, Sumi Maria Abraham, Adarsh S

ABOUT THE AUTHOR

Dr. Asharaf S. is a distinguished computer scientist with extensive expertise in AI-related algorithms. He received his Ph.D. and Master of Engineering degrees in Computer Science from the Indian Institute of Science, Bangalore.

Dr. Asharaf was the founding professor-in-charge of Maker Village Cochin and now serves as the founding director of Kerala Blockchain Academy.

Sivadas Neelima is a Research and Development Engineer at Kerala Blockchain Academy (KBA), a Centre of Excellence of Digital University Kerala. She holds a Master's degree in Biomedical Engineering and Post Graduate Diploma in Intellectual Property, Rights, and Law. Her key contributions include writing blog articles on blockchain, serving as a content reviewer for the renowned Ethereum Developer Program, and hosting podcasts. She is also a DLT Talent graduate, having completed an 18-week mentored program from the Frankfurt School of Blockchain Center. Before joining KBA, she worked as a Junior Research Fellow for a DST (Department of Science and Technology, India) project and later as a Project Manager for the British Council project.

Sumi Maria Abraham is a Research and Development Engineer at Kerala Blockchain Academy (KBA), a Centre of Excellence of Digital University Kerala. She holds an M.Tech in Computer Science and has contributed a key role in content development for KBA's Ethereum Developer Program and the Certified Ethereum Network Administrator Course.

Dr. Adarsh S is a Postdoctoral Researcher at the School of Business, National University of Ireland, Maynooth. He previously served as a Senior Scientist and Convener of Kerala Blockchain Academy. He earned his Ph.D. from Cochin University of Science and Technology and was part of the Agrochain team, which won the Profer International Blockchain Hackathon (2017) and received the NITI Aayog prize for Golden Ticket Entry to the Global Entrepreneurship Summit (2017).

ABOUT THE BOOK

It is a comprehensive guide designed to educate readers on Ethereum, a groundbreaking blockchain platform introduced through Vitalik Buterin's influential whitepaper. This sequel to the successful ""Blockchain Technology: Algorithms and Applications"" delves into Ethereum's innovative incorporation of programmability, which extends blockchain's capabilities beyond mere financial transactions to include Decentralised Applications (DApps).

The book meticulously covers foundational concepts, starting with Ethereum's evolution from Proof of Work to Proof of Stake, and includes exercises for readers to reinforce their understanding. It explores Ethereum's architecture, including the Ethereum Virtual Machine, Gas, ether (ETH), and transaction lifecycle, while emphasising smart contracts and their unique applications. Essential tools for users and developers are detailed, alongside extensive coverage of Solidity, the programming language for smart contracts.

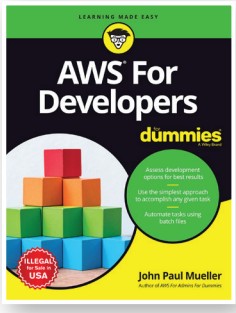
Later chapters guide readers through token standards, network interactions, and the process of building DApps. Advanced topics such as smart contract upgrades, DAO, oracles, and Ethereum's major updates are also discussed. This book is crafted to be a reliable reference, keeping pace with technological advancements, and is poised to be embraced by readers with enthusiasm.

TABLE OF CONTENTS

• Ethereum: The Pioneer Programmable Blockchain • Basics of Ethereum • Smart Contracts – The Fulcrum of Ethereum • Development Environment of Ethereum • Solidity – Realising Smart Contracts • Solidity – Advanced Concepts • Tokens and Token Standards • Interacting with Ethereum Network • Decentralised Applications • Enhancing the Experience with Ethereum • Upgrades in Ethereum

9789363863972 | Pages: 420 | ₹ 899

CLOUD COMPUTING



AWS for Developers For Dummies

John Paul Mueller

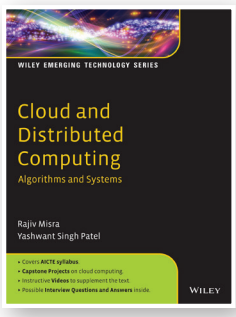
ABOUT THE AUTHOR

John Mueller is a freelance author and technical editor. He has writing in his blood, having produced 101 books and more than 600 articles to date. The topics range from networking to home security and from database management to heads-down programming. His current work in progress is Amazon Web Services for Admins for Dummies. Some of his current books include a book on Python for beginners, Python for Data Scientists, a discussion of machine learning for multiple audiences, and a book about MATLAB.

ABOUT THE BOOK

Modern businesses rely on Infrastructure-as-a-Service (IaaS)—a setup in which someone else foots the bill to create application environments—and developers are expected to know how to write both platform-specific and IaaS-supported applications. If you're a developer who writes desktop and web applications but have little-to-no experience with cloud development, this book is an essential tool in getting started in the IaaS environment with Amazon Web Services.

9788126570850 | Pages: 392 | ₹ 699



Cloud and Distributed Computing : Algorithms and Systems | e | IM

Rajiv Misra, Yashwant Singh Patel

ABOUT THE AUTHOR

Dr. Rajiv Misra is an Associate Professor of Computer Science and Engineering at the Indian Institute of Technology Patna, IndiaHis research focuses in distributed systems, cloud computing, big data com-

puting, consensus in blockchain, cloud IoT-edge computing, ad hoc networks, and sensor networks. He has contributed significantly to these research areas of distributed and cloud computing and published more than 80 papers in reputed journals and conferences, with an impact of 700 citations and an h-index of 11.

Yashwant Singh Patel is currently working as JRF and pursuing PhD in the Department of Computer Science and Engineering at the Indian Institute of Technology Patna, India. He is a recipient of Visvesvaraya PhD fellowship scheme for Electronics and Information Technology. His research is focussed in cloud computing, distributed algorithms, and grid computing. He has published more than 30 papers in journals and conference and has an h-index of 5, with 90 citations.

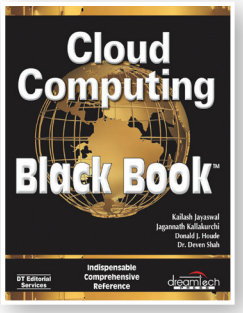
ABOUT THE BOOK

"Cloud and Distributed Computing: Algorithms and Systems aims to make readers and researchers understand the internals of cloud computing and how concepts of distributed systems work inside clouds. The book also sensitizes readers in the area of modern cloud computing concepts known as cloud native computing for building software applications, such as, microservices and running them on a containerized and dynamically orchestrated platform using Docker and Kubernetes to redesign today's applications.

TABLE OF CONTENTS

• Introduction to Cloud, Virtualization, and Virtual Machine • Network Virtualization and Geo-Distributed Clouds • Leader Election in Cloud, Distributed Systems, and Industry Systems • Classical Distributed Algorithms and the Industry Systems • Consensus, Paxos, and Recovery in Clouds • Cloud Storage: Key-Value Stores/NoSQL Stores and HBase • P2P Systems and Their Applications in Industry Systems • Cloud Applications: MapReduce, Spark, and Apache Kafka • Cloud-Native Computing • Software-Defined Networking and Network Function Virtualization

9788126520275 | Pages: 456 | ₹ 719



Cloud Computing Black Book | e

Kailash Jayaswal, Jagannath Kallakurchi, Donald J. Houde, Dr. Deven Shah, Kogent Learning Solutions

ABOUT THE AUTHOR

Kailash Jayaswal is the Vice President of Technical Services and IT Advisor at Choice Solutions, Ltd. He has more than 24 years of experience at technical and management levels in various companies such as IBM, Cisco Systems, Roche Bioscience, Siebel (now Oracle), Yahoo and Caterpillar. He has also provided training to various technical support groups in HP-UX, AIX and Solaris.

Jagannath Kallakurchi is one of the founders and CEO & Managing Director of Choice Solutions Ltd. He has 25 years of extensive IT experience and possesses a rare combination of strong technical and management skills along with an eye to meet clients' needs. He had been instrumental in establishing a highly-talented server, storage and network consulting division within Choice Solutions Ltd.

Donald J. Houde is currently serving as the Vice President of Client Implementation Services and Executive Consultant at Choice Solutions, Inc. As a corporate and IT executive, Donald Houde has enjoyed more than 25 years of C-level leadership, IT managerial and solution architecture experience. He has specialized in Applied Physics, Business Operations Financial Management, Real Estate Law and Information Technology.

Dr. Deven Shah Currently working as a Professor and Principal in one of the oldest engineering colleges affiliated to the Mumbai University. He is an Open Source Evangelist and pioneered Open Source based content in the engineering studies at the University level. In the year 2009, he created a Private Cloud by using the Open Source Technology in the college to demonstrate how to set up a Virtual Computing Lab.

The proficient team at Kogent Learning Solutions Inc. and Dreamtech Press has seized the market of computer books bringing excellent content in software development to the fore. The team is committed to excellence-excellence in quality of content, excellence in the dedication of its authors and editors, excellence in the attention to detail, and excellence in understanding the needs of its readers.

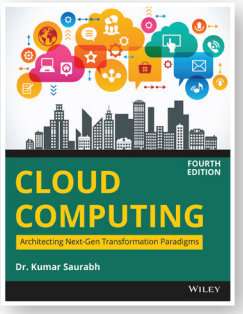
ABOUT THE BOOK

This book, Cloud Computing Black Book, is a one-time reference book that covers all aspects of cloud computing in an easy-to-understand approach. It covers a variety of topics, such as cloud computing and its comparison with peer-to-peer, client-server and grid computing; virtualization and its levels; cloud computing services, such as IaaS, PaaS, SaaS and DBaaS; cloud computing and its business values; myths and truths about cloud computing; cloud types and models, such as private, community, hybrid and public; open-source eucalyptus and OpenStack cloud application architecture; cloud deployment techniques; recent trends in cloud computing and standards; host security in cloud for SaaS, PaaS and IaaS; data security in cloud.

TABLE OF CONTENTS

• Era of Cloud Computing • Introducing Virtualization • Cloud Computing Services • Cloud Computing and Business Value • Demystifying Cloud Computing • Cloud Types and Models • Open Source Cloud Implementation and Administration • Cloud Deployment Techniques • Recent Trends in Cloud Computing and Standards • Host Security in the Cloud • Data Security in the Cloud • Application Architecture for Cloud • Cloud Programming • Adoption and Use of Cloud by Small and • Adoption and Use of Cloud by Enterprises • IT Service Management for Cloud Computing • SLA with Cloud Service Providers • Risks, Consequences, and Costs for Cloud Computing • AAA Administration for Clouds • Regulatory and Compliance Requirements for Clouds • Security as A Service • Cloud Certifications and Audits • Application Development for Cloud • Application Security in the Cloud • Cloud Computing: The Road Ahead • Mobile Cloud Computing • Points to Remember • Glossary • Index

9789351194187 | Pages: 484 | ₹ 1095



Cloud Computing, 4ed : Architecting Next-Gen Transformation Paradigms | e

Dr. Kumar Saurabh

ABOUT THE AUTHOR

Dr. Kumar Saurabh has several years of industry experience with companies like Tech Mahindra and IBM. Currently, he is Principal Technical Architect – Cloud Computing and Virtualization at Tech Mahindra. He was Technical Consultant with IBM and worked on Sizing for IBM hardware platform and servers.Saurabh has more than 20+ research papers that have been published in various International, National journals and proceedings, presented in various international forums and he has also authored the book "Unix Programming – The First Drive" published by Wiley-India. Saurabh's research interests include virtualization, cloud computing, and project management.

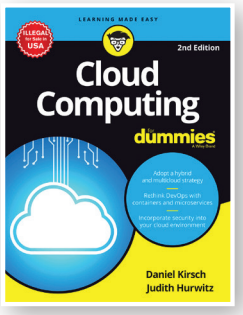
ABOUT THE BOOK

The widespread acceptance and deployment of cloud computing describes the means of delivering any and all IT– from computer applications, software, business processes, messaging, and collaboration – to end-users as a service wherever and whenever they need it. This book fulfills an important and growing need to understand the techno-socio-economic view of cloud computing infrastructure, cloud models, service offerings, cloud architectures, and some of the design choices made by the frontiers of cloud computing.

TABLE OF CONTENTS

• First Drive • Cloud Deployment Models • Cloud as a Service • Cloud Solutions • Cloud Offerings • Cloud Management • Cloud Virtualization Technology • Cloud Infrastructure: Deep Dive • Cloud and SOA • Cloud Mobility • Cloud Governance • Cloud Readiness and Migration Assessment • Data Center Transformation and Workload Migration

9788126570966 | Pages: 296 | ₹ 950



Cloud Computing for Dummies, 2ed | e

Judith Hurwitz, Daniel Kirsch

ABOUT THE AUTHOR

"Daniel Kirsch, Managing Director of Hurwitz & Associates, is a thought leader, researcher, author, and consultant in cloud, AI, and security.

Judith Hurwitz, President of Hurwitz & Associates, is a consultant, thought leader, and coauthor of 10 books including Augmented Intelligence, Cognitive Computing and Big Data Analytics, and Hybrid Cloud for Dummies

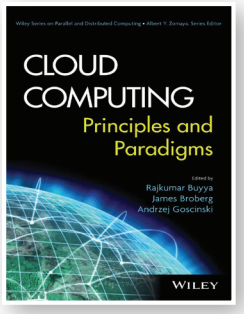
ABOUT THE BOOK

Cloud computing is no longer just a clever new toy in the world of IT infrastructure. Despite the nebulous name, it's become a real and important part of our information architecture—and tech professionals who ignore it or try to skim their way through risk falling behind rapidly. The new edition of Cloud Computing For Dummies gets you up to speed fast, clarifying your Cloud options, showing you where can save you time and money, giving you ways to frame your decisions, and helping you avoid weeks of research. Cloud computing is no longer just a clever new toy in the world of IT infrastructure.

TABLE OF CONTENTS

• Understanding Cloud Concepts • Examining Architectural Considerations • Understanding Cloud Models • Managing in a Multi cloud World • Developing Your Cloud Strategy • The Part of Tens

9788126570553 | Pages: 320 | ₹ 909



Cloud Computing: Principles and Paradigms | e

Rajkumar Buyya, James Broberg, Andrzej Goscinski

ABOUT THE AUTHOR

Rajkimar Buyya is an Associate Professor of Computer Science and Software Engineering, and Director of the Cloud Computing and Distributed Systems Laboratory at the University of Melbourne, Australia. Dr. Buyya is a senior member of both the IEEE and ACM

James Broberg is an Australian Postdoctoral Fellow (APD) with the Grid Computing and Distributed Systems (GRIDS) Laboratory, in the Department of Computer Science and Software Engineering at the University of Melbourne.

Andrzej Goscinski is a Chair Professor of Computing at Deakin University, Australia. Currently, he is carrying out research on clusters of clusters, autonomic computing, autonomic and enterprise grids

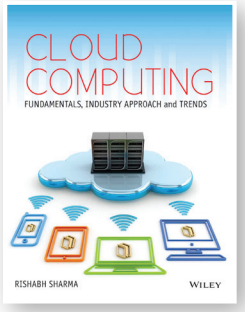
ABOUT THE BOOK

The primary purpose of this book is to capture the state-of-the-art in Cloud Computing technologies and applications. The book will also aim to identify potential research directions and technologies that will facilitate creation a global market-place of cloud computing services supporting scientific, industrial, business and consumer applications.

TABLE OF CONTENTS

• Part I. Foundations • Part II. Infrastructure as a Service (IAAS) • Part III. Platform and Software as a Service • Part IV. Monitoring and Management • Part V. Applications • Part VI. Governance and Case Studies

9788126541256 | Pages: 464 | ₹ 1099



Cloud Computing: Fundamentals, Industry Approach and Trends | e | IM

Rishabh Sharma

ABOUT THE AUTHOR

Rishabh Sharma is currently working as a CTO in JOB Forward, Singapore. JOB Forward is the first social recruiting platform in Singapore. Prior to this, he has worked for Wipro Technologies, Bangalore as a Solution Delivery Analyst and involved in the research projects of cloud computing, proof of concepts (PoC), infrastructure automation, big data solutions and various giant customer's projects related to cloud infrastructure and application migration.

ABOUT THE BOOK

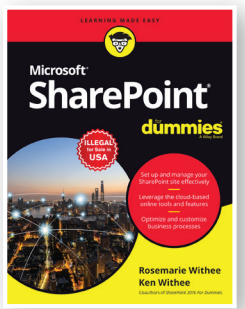
The book provides identification of business requirement for choosing cloud providers and an architectural approach to design cloud solution for the industry followed by best practices for cloud infrastructure setup, cloud capacity management, data and service migration and cost optimization in cloud. It is an easy-to-follow book where only basic knowledge of IT is required to start. In addition, the book is relevant not only to students but also to amateur and experienced IT professionals or anyone who is willing to know about cloud computing.

TABLE OF CONTENTS

• Book Review • Preface • 1 Overview of Distributed Computing • 2 Introduction to Cloud Computing • 3 Different Cloud Providers and Comparison of Services • 4 Virtualization Techniques • 5 Cloud Databases and File Systems in Cloud • 6 Cloud Security and Existing Security Solutions • 7 Cloud Middleware and Best Practices • 8 Private Cloud Computing Platforms and Cloud Testing • 9 Advance Cloud Application and Supporting Services • 10 Cloud Computing Consumer Case Studies • Summary • Multiple Choice Questions • Review Questions • Answers to Multiple Choice Questions • Bibliography • Index

9788126553068 | Pages: 332 | ₹ 799

COLLABORATION TOOLS



Microsoft SharePoint For Dummies | e

Ken Withee, Rosemarie Withee

ABOUT THE AUTHOR

Ken Withee has been a Microsoft SharePoint consultant for many years. He currently writes for Microsoft's TechNet and MSDN sites and is President of Portal Integrators LLC (www.portalint.com), which is a software development and services company focused on developing world class business solutions for the SharePoint platform. He is the author or coauthor of several other books including Microsoft Office 365 For Dummies, SharePoint 2016 For Dummies, and Microsoft Business Intelligence For Dummies. Ken earned a Master of Science degree in Computer Science at San Francisco State University.

ABOUT THE BOOK

SharePoint For Dummies will be a thorough update to show users how to make the most of all the new SharePoint and Office features while still building on the great and well-reviewed content in the prior editions. The book shows those new to SharePoint or new to SharePoint 2019 how to get a site up and running, branded, populated with content, workflow and managed. This new edition adds the high need-to-know information for administrators, "techsumers", and page admins who want to leverage the cloud-hosted features online either as a standalone product or in conjunction with an existing SharePoint infrastructure.

TABLE OF CONTENTS

• Getting Started with SharePoint • Diving Headfirst into SharePoint • Customizing SharePoint • Becoming a SharePoint Administrator • Managing Enterprise Content • The Part of Tens

9788126528882 | Pages: 428 | ₹ 739

COMPUTER ARCHITECTURE



The Architecture of Computer Hardware, Systems Software, and Networking, 6ed (An Indian Adaptation) : An Information Technology Approach | e | IM

Irv Englander, Wilson Wong

ABOUT THE AUTHOR

Irv Englander Bentley University

Wilson Wong Worcester Polytechnic Institute

ABOUT THE BOOK

This textbook is designed to provide IT and IS students with a clear understanding of the structure and operation of computers and computer-based systems. Accessible and engaging, it requires only basic computer skills, making it ideal for learners at all levels.

Comprehensive Coverage: Introduces foundational principles of system architecture and delves into current technological practices and trends.

Easy-to-Understand Language: Concepts are presented in clear, straightforward terms, ensuring accessibility for all students.

·Real-World Applications: Relatable examples, subject-specific illustrations, and detailed case studies reinforce key concepts and demonstrate their practical applications.

Perfect for students pursuing degrees in Information Technology (IT) and Information Systems (IS), this book bridges theory and practice to build a solid foundation in computer architecture and modern IT trends. Resources for instructors & students are also available with this book.

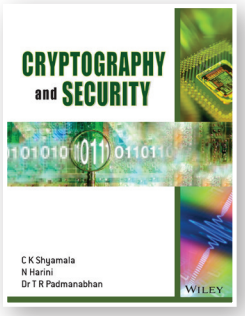
TABLE OF CONTENTS

• Introduction to Programming • Programming with Numbers and

Strings • Decisions • Loops • Functions • Lists • Files and Exceptions • Sets and Dictionaries • Objects and Classes • Inheritance • Recursion • Sorting and Searching (Online)

9789363868311 | Pages: 680 | ₹ 1099

CYBERSECURITY



Cryptography and Security | e | IM

C K Shyamala, N Harini, Dr. T R Padmanabhan

ABOUT THE AUTHOR

Dr. T. R. Padmanabhan is Professor Emeritus at Amrita Vishwa Vidyapeetham, Coimbatore. He taught at IIT Kharagpur, before doing R & D for private companies for several years. He is a Sr. Member of IEEE; Fellow of Institution of Engineers and also IETE. He has previously published books with Wiley, Tata McGraw-Hill, and Springer Verlag.

N Harini is currently Asst. Prof in the CSE Dept. at Amrita School of Engineering, Coimbatore. She is pursuing her PhD at the same university and has 11 years of teaching experience at both UG and PG levels.

C. K. Shyamala is currently Asst. Prof in the CSE Dept. at Amrita School of Engineering, Coimbatore. She is pursuing her PhD at the same university and has 10 years of teaching experience at both UG and PG levels.

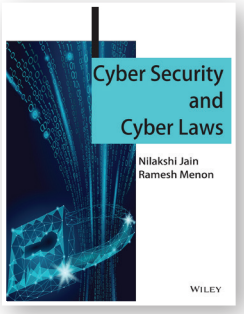
ABOUT THE BOOK

In this book, basic concepts of cryptography and security are introduced. Cryptography and security are dealt with in sufficient depth and detail without losing focus. Symmetric and asymmetric key cryptography Elliptic curve cryptography, hashing functions, message authentication and digital signature are discussed and salient features in each explained. Subsequently the cryptographic concepts are used to address security issues at application, transport and network layers. Security threats at various levels and counter measures are explained. Relevant standards and applications are given sufficient attention.

TABLE OF CONTENTS

• Part A - Cryptography • Part B - Network Security • Part C - System Security • Appendix A Security Implementation • Appendix B Wireless Network Security • Appendix C SDLC • Appendix D DomainKeys Identified Mail (DKIM) • Appendix E ACM Code of Ethics and Professional Conduct • References • Index

9788126522859 | Pages: 560 | ₹ 1099



Cyber Security and Cyber Laws | e | IM

Nilakshi Jain, Ramesh Menon

ABOUT THE AUTHOR

Dr. Nilakshi Jain is currently serving as an Associate Professor, Research Coordinator at Research Cell SAKEC, Centre Coordinator at SAKEC National Cyber Defense Resource Centre and Coordinator at SAKEC-IQAC in Shah and Anchor Kutchhi Engineering College, Chembur Mumbai, India. She is a certified Ethical Hacker. She graduated from the Pacific Academy of Higher Education and Research University's Faculty of Computer Engineering PhD program.

Ramesh Menon is a Chief Architect and CTO at IBM who focuses on strategy and technology to accelerate innovation and national capabilities. Currently, he is serving on IBM's COVID-19 task force and working with national leaders to accelerate response to the pandemic. He is also working on multiple strategic government initiatives. Ramesh has a bachelor's degree in electrical engineering and an MBA in international business from California State University.

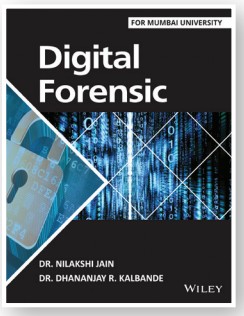
ABOUT THE BOOK

Cyber Security and Cyber Laws gives a crystal-clear introduction to cyber security for people who do not have a technical background. This book educates on topics like cyberspace, cybercrime, cyber offense, various acts, laws, methods, and various acts, laws, methods and tools used for Cyber Security. It is enriched with the explanation of social media, botnet and the intrusion detection, relation of cyber security with industrial control systems, and the role of automation in cyber security. This book also discusses the legal and regulatory aspects of cyber security and examines the regional, national, and international regulatory responses to cyber security.

TABLE OF CONTENTS

• Introduction to Cybercrime • Cyber Offences and Cybercrime • Methods and Tools used in Cyber Line • Concept of Cyberspace and Cyber Law • Information Technology Act • Information Security Standard Compliances

9789390395750 | Pages: 368 | ₹ 799



Digital Forensic : For Mumbai University | e | IM

Dr. Nilakshi Jain, Dr. Dhananjay R. Kalbande

ABOUT THE AUTHOR

Dr. Nilakshi Jain is currently working as an Associate Professor at the Shah & Anchor Kutchhi Engineering College in the Information Technology Department, Mumbai, India. She is a Certified Ethical Hacker CEH (EC-Council-USA). She has a rich experience of working in Digital Forensic field. Her areas of research include Artificial Intelligence, Human Computer Interaction and Usability Engineering. She has many publications in international conference proceedings and journals, including IEEE, ACM, and Springer, etc., to her credit.

Dr. Dhananjay R. Kalbande is currently working as a Professor and Head, Computer Engineering and Dean (Industry Relations), Sardar Patel Institute of Technology, Andheri (West), Mumbai, India. He is the Founder and CEO of Skinzy Software Solutions Pvt. Ltd., a healthcare startup for skin disease diagnosis. He completed his Post Doctorate from TISS, Mumbai. He has over 19+ years of experience in teaching and research. He is a distinguished PhD guide and is currently guiding eight research scholars in the area of Soft Computing, Mobile Cloud Computing, and Imaging Analysis.

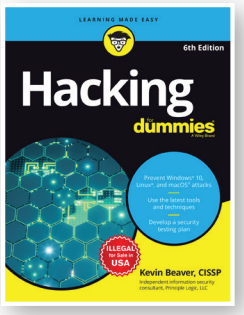
ABOUT THE BOOK

Digital Forensic is for those who desire to learn more about investigating and fighting digital crimes. This book will also help for computer professionals who want to move into the rapidly growing security field and who are considering shifting their career focus to law enforcement and criminal investigation. It is important that computer security personnel expand their knowledge of forensic processes and keep their understanding of investigative and preventive procedures up-to-date. To complete this goal, this book covers latest challenges faced in digital forensic. This book sequentially explains disk forensic, network forensic, and memory forensic.

TABLE OF CONTENTS

• Introduction to Computer Crimes and Ethical Hacking • Introduction to Digital Forensics and Digital Evidences • Incidence Response Process • Live Data Collection • Forensic Duplication • Disk and File System Analysis • Data Analysis • Network Forensic • Report Writing • Computer Forensics Tools

9788126578399 | Pages: 320 | ₹ 899



Hacking For Dummies, 6ed | e

Kevin Beaver

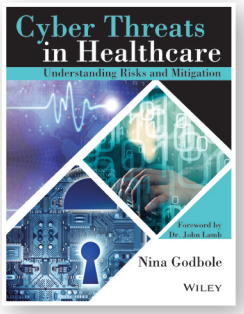
ABOUT THE AUTHOR

Kevin Beaver is an independent information security consultant with Atlanta-based Principle Logic, LLC. He has over two decades of experience and specializes in performing information security assessments for Fortune 1000 corporations, independent software developers, universities, and government agencies. He has appeared on CNN television as an information security expert and has been quoted in The Wall Street Journal, Entrepreneur, and others.

ABOUT THE BOOK

Hacking For Dummies, 6th Edition gives insight into the hacker's mind so that you can protect your data and your system from a variety of attacks. With this book, you will learn how to recognize the vulnerabilities in your systems so you can protect them more diligently. Expert author Kevin Beaver shares his knowledge on penetration testing, vulnerability assessments, security best practices, and every aspect of ethical hacking that is essential in order to protect your data and your system.

9788126577040 | Pages: 420 | ₹ 849



Cyber Threats in Healthcare : Understanding Risks and Mitigation | e | IM

Nina Godbole

ABOUT THE AUTHOR

Nina Godbole has wide experience in the IT industry – SW development, system analysis and design, software testing, business development and support services, training, quality management, operations management, and the design and implementation of computer-based MIS applications. The author was instrumental in preparing IT perspective plans for client organisations as well as BPR initiatives, analysis for ERP package deployment patterns and a systems analyst for web-based applications in France.

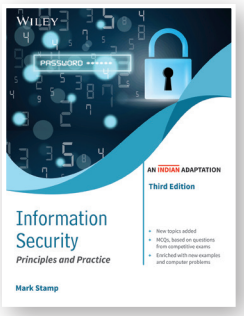
ABOUT THE BOOK

Cyber Threats in Healthcare: Understanding Risks and Mitigation deals with the key areas of healthcare cyber security. This book talks about the importance of securing private medical data of people, which is deployed in the Cloud, a topic that has been neglected until now. This book is unique as it is for the first time that the issues of cyber risk in the healthcare sector and the associated security challenges are discussed. The increased use of IT and portable mobile devices in the healthcare industry has increased the need for cyber security, and these areas are comprehensively covered in the chapters. The book also discusses the facets of modern technology and the related security concerns.

TABLE OF CONTENTS

• Healthcare Sector in Global Context • Healthcare Sector in India • ICT and AI in Healthcare • EHR and EMR • Information Security and Data Privacy in Healthcare • Big Data and Cloud Technologies in Healthcare • Cyber Threats to Healthcare Information • IoT: The New Dimension of Cyber Threats to Healthcare Data • Semantic Web for Healthcare and Data Security Concerns • Regulatory Environment in Healthcare Industry • Patient Privacy Protection and Healthcare Data Security: Indian Regulatory Scenario • Healthcare Cyber Risks Mitigation: Best Practices

9788126560127 | Pages: 592 | ₹ 1129



Information Security, 3ed (An Indian Adaptation) : Principles and Practice | e | IM

Mark Stamp, Ashutosh Saxena

ABOUT THE AUTHOR

Mark Stamp (San José State University, San Jose, California, USA)

Adapted by Ashutosh Saxena (Professor and Dean R&D CMR Technical Campus, Hyderabad, India)

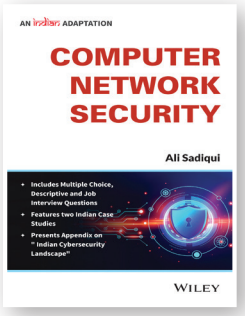
ABOUT THE BOOK

Information Security: Principles and Practice, third edition, is the perfect textbook for undergraduate and graduate students in all Computer Science programs and remains essential reading for professionals working in industrial or government security. Providing up-to-date coverage of the rapidly evolving field of information security, the book focuses on the four critical components of information security—cryptography, access control, security protocols, and software. In addition, it provides a wealth of real-world examples that clarify complex topics, highlight important security issues, and demonstrate effective methods and strategies for protecting the confidentiality and integrity of data.

TABLE OF CONTENTS

• Classic Crypto • Symmetric Ciphers • Public Key Crypto • Crypto Hash Functions++ • Authentication • Authorization • Network Security Basics • Simple Authentication Protocols • Real-World Security Protocols • Software Flaws and Malware • Insecurity in Software

9789354644313 | Pages: 552 | ₹ 1049



Computer Network Security, (An Indian Adaptation) | e

Ali Sadiqui

ABOUT THE AUTHOR

Ali Sadiqui is a trainer-researcher at the Office de la Formation Professionnelle et de la Promotion du Travail (OFPPT), Morocco. He is a member of several research laboratories and obtained his doctorate from the Sidi Mohamed Ben Abdellah University, Morocco.

ABOUT THE BOOK

This essential guide is perfect for students gearing up for the CCNA Security Exam (210-260 IINS). Whether you're enrolled in professional training centers, technical faculties, or Cisco Academy-associated programs, this book is a powerhouse resource. It is also a must-have for anyone passionate about information security, be it in a professional setting or as an enthusiastic IT hobbyist.

Exhaustively covering all topics in the Cisco exam syllabus, this comprehensive guide integrates practical cases from critical real-world network scenarios. Each chapter opens with theoretical concepts tied to specific security goals and moves on to detailed CLI commands and GUI screenshots necessary for securing network components. Practical tasks at the end of each chapter empower students to apply configurations and gain mastery over the concepts presented.

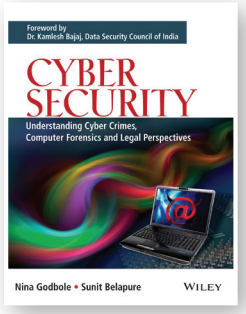
Developed in collaboration with Cisco's training and certification team, this book guarantees clarity and simplicity in presenting cutting-edge practices for secure information systems. It stands as a definitive single-volume reference for best practices in information security.

We believe this book will surpass students' expectations, assist in obtaining certification, and provide invaluable insights into the multifaceted world of information security. Transform your understanding and stay ahead in the field with this indispensable resource.

TABLE OF CONTENTS

• Fundamentals of Network Security • Securing Network Devices • Supervising a Computer Network • Securing Access Using AAA • Using Firewalls • Putting in Place an Intrusion Prevention System (IPS) • Securing a Local Network • Cryptography • IPsec VPNs • Studying Advanced Firewalls

9789363861145 | Pages: 292 | ₹ 799



Cyber Security | e | IM

Nina Godbole, Sunit Belapure

ABOUT THE AUTHOR

Nina Godbole is an author of the book Information Systems Security: Security Management, Metrics, Frameworks and Best Practices published by Wiley India in January 2009. She is also on the Editorial Board of IEEE Computer Society. She has published numerous articles on topics in leading IT magazines. She has a vast work experience in the IT industry in Software Quality Assurance, systems analysis and design, application support services as well as application audit and IS audit. Nina is a CIPP/IT - a privacy professional certified by the IAPP USA (International Association of Privacy Professional) as well as a CISA (Certified Information Systems Auditor) certified by ISACA USA (Information Systems Audit and Control Association). Nina is also an ITIL foundation certified professional, a PMP, CQA and CSTE from QAI, USA (Quality Assurance Institute).

Sunit Belapure has more than 8 years experience in Information Security domain out of his total industry experience of more than 18 years. He works in the domain of ISRM (Information Security and Risk and Management) and Information System Audit. Sunit has respective international certifications to his credit - CISA (Certified Information Systems Auditor) from ISACA-USA, IRCA certified ISO 27001:2005 Lead Auditor, Certified Ethical Hacker (CEH v5.0) from EC-Council-USA and CISM (Certified Information Security Manager) from ISACA-USA. He is a member of ISACA, USA. He engages into Compliance and Assurance assignments (for ERP as well as for Non-ERP applications) under IS security and IT Governance domain. Sunit is a noted speaker on Information Security domain at reputed institutes in and around Pune.

ABOUT THE BOOK

This book, focusing on cyberthreats and cybersecurity, provides the much needed awareness in the times of growing cybercrime episodes.

Comprehensive treatment of important topic - cybersecurity to help readers understand the implications of cybercrime.

The book provides adequate orientation on laws in reference to cybercrime and cybersecurity taking into account the Indian as well as global scenario.

Awareness created through simple practical tips and tricks, educates readers to learn how to avoid becoming victims of cybercrime.

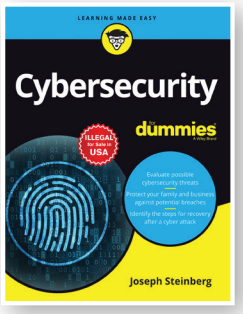
Written by InfoSec domain SME and co-authored by qualified ethical hacking professional who is also a security certified.

Well-presented case illustrations and examples from real life to underline the significance of topics addressed in each chapter."

TABLE OF CONTENTS

• Introduction to Cybercrime • Cyberoffenses: How Criminals Plan Them • Cybercrime: Mobile and Wireless Devices • Tools and Methods Used in Cybercrime • Phishing and Identity Theft • Cybercrimes and Cybersecurity: The Legal Perspectives • Understanding Computer Forensics • Forensics of Hand-Held Devices • Cybersecurity: Organizational Implications • Cybercrime and Cyberterrorism: Social, Political, Ethical and Psychological Dimensions • Cybercrime: Illustrations, Examples and Mini-Cases • Careers in Cybersecurity

9788126521791 | Pages: 636 | ₹ 1099



Cybersecurity for Dummies | e

Joseph Steinberg

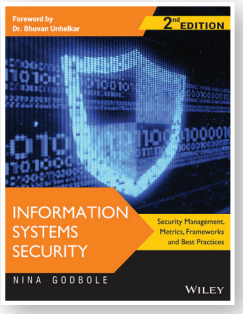
ABOUT THE AUTHOR

Joseph Steinberg is a CyberSecurity and Emerging Technologies Advisor. He has led businesses within the information-security industry for over two decades, wrote the official study guide from which many CISOs study for certification exams, and has been calculated to be one of the top 3 cybersecurity influencers worldwide. His cybersecurity-related inventions are cited in over 150 US patent filings.

ABOUT THE BOOK

Protecting your business and family against cyber attacks! If keeping your business or your family safe from Cybersecurity threats is on your to-do list, Cybersecurity For Dummies will introduce you to the basics of becoming cyber-secure! You will learn what threats exist, and how to identify, protect against, detect, and respond to these threats, as well as how to recover once there has been a breach! This book helps you identify vulnerabilities that may make you a target of cyber-crime and helps you stay on top of your security game.

9788126562138 | Pages: 380 | ₹ 849



Information Systems Security, 2ed : Security Management, Metrics, Frameworks and Best Practices | e

Nina Godbole

ABOUT THE AUTHOR

Nina Godbole has a vast experience in the IT industry – SW development, system analysis and design, business development and support services, training, quality management, operations management, design and implementation of computer-based MIS applications. The author was instrumental in preparing IT perspective plans for the client organizations as well as BPR initiatives, analysis for ERP package deployment patterns in the USA and as a systems analyst for web-based application in France. She has played an instrumental role in several successfully driven organizational initiatives – the ISO, P-CMM, and CMM-I.

ABOUT THE BOOK

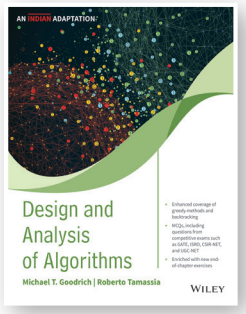
Keeping the essence of the first edition, this new edition of Information Systems Security: Security Management, Metrics, Frameworks and Best Practices is restructured to meet the ever-growing demand for books that give a comprehensive treatment of the Information Security topic. Designed with ample figures to illustrate key points and Review Questions and Reference Material Pointers at the end of each chapter, it is truly a treatise on the subject. This book should prove a valuable reference on the topic to students as well as professionals. It is useful for candidates appearing for the CISA certification exam and maps well with the CBOK for CSTE and CSQA Certifications.

TABLE OF CONTENTS

• Cloud, Mobile Applications, Smartphone, IoT, Smart Cities and Wireless Networks in Security Perspective • Network Security and Other Controls • Security of Applications and Operating Systems • Models, Frameworks and Metrics for Maturing Security Practices • Metrics, Legal Aspects and Privacy Consideration for Information Security • Security Best Practices • Other Important Concepts in Information Systems Security

9788126564057 | Pages: 972 | ₹ 1179

DATA STRUCTURES



Design and Analysis of Algorithms, An Indian Adaptation | e | IM

Michael T. Goodrich , Roberto Tamassia

ABOUT THE AUTHOR

Michael T. Goodrich is a Chancellor's Professor in the Department of Computer Science at University of California, Irvine. Previously, he was a professor at Johns Hopkins University. His research interests include analysis, design, and implementation of algorithms, data security, cloud computing, graph drawing, and computational geometry. He is a Fulbright scholar and a fellow of the American Association for the Advancement of Science (AAAS), Association for Computing Machinery (ACM), and Institute of Electrical and Electronics Engineers (IEEE).

Roberto Tamassia is the Plastech Professor of Computer Science in the Department of Computer Science at Brown University. He is also the Director of Brown's Center for Geometric Computing. His research interests include data security, applied cryptography, cloud computing, analysis, design, and implementation of algorithms, graph drawing, and computational geometry. He is a fellow of the American Association for the Advancement of Science (AAAS), Association for Computing Machinery (ACM), and Institute of Electrical and Electronics Engineers (IEEE).

ABOUT THE BOOK

Design and Analysis of Algorithms offers an exhaustive coverage of the design and analysis of algorithms and data structures. Integrating application with theory, the book presents algorithmic topics in a context that is motivated from applications to uses in society, computer games, computing industry, science, engineer-

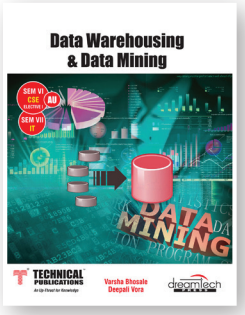
ing, and the Internet. Beginning with the basic framework and tools needed to analyze algorithms, the book then presents fundamental data structures, such as stacks, queues, lists, and advanced data structures such as trees, search trees, priority queues, heaps, hash tables, union-find structures, and graphs.

TABLE OF CONTENTS

• "·Algorithm Analysis • Basic Data Structures • Binary Search Trees • Balanced Binary Search Trees • Priority Queues and Heaps • Hash Tables • Union-Find Structures • Graphs and Traversals • Sorting Algorithms • Fast Sorting and Selection • Divide-and-Conquer • The Greedy Method • Dynamic Programming • Minimum Spanning Trees • NP-Completeness • Approximation Algorithms • Text Processing • Number Theory, Cryptography, and Fast Fourier Transform • Network Flow and Matching • Randomized Algorithms

9789354248481 | Pages: 624 | ₹ 999

DATA WAREHOUSING



Data Warehousing & Data Mining

Varsha Bhosale, Deepali Vora

ABOUT THE AUTHOR

Varsha V. Bhosale is Associate Professor ,Department of Information Technology & Vice Principal at Vidyalankar Institute of Technology, Mumbai. She has more than 15 years of teaching experience. Her contributions in the field of Data Warehousing & Mining , Image Processing have been published in many journals and International conferences.

Deepali Vora has master's degree in Computer Engineering from Mumbai University. She is a Member of ISTE and has an experience of 15 years in the field of teaching and was Head of the Department of Information Technology in Vidyalankar Institute of Technology. Her contributions in the field of Data Mining and Web Mining is published in many journals and international conferences.

The proficient team at Dreamtech Press has seized the market of engineering textbooks, bringing excellent content in engineering and technical education to the fore. The team Dreamtech Press is committed to providing excellence in quality of content by judiciously analyzing the needs of its readers and ensuring dedication of its authors and editors in catering to those needs.

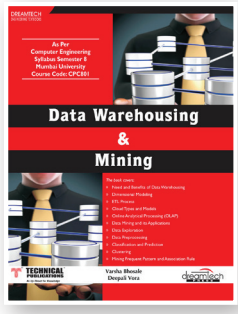
ABOUT THE BOOK

This book, Data Warehousing and Mining, is a one-time reference that covers all aspects of data warehousing and mining in an easy-tounderstand manner. It covers a variety of topics, such as data warehousing and its benefits; architecture of data warehouse; data mart, data warehousing design strategies, dimensional modeling and features of a good dimensional model; different types of schemas such as star schema, snowflake schema; fact tables and dimension tables; concept of primary key, surrogate keys and foreign keys; ETL process; different types of data extraction such as immediate data extraction and deferred data extraction; Online Analytical Processing (OLAP) and need for online analytical processing etc

TABLE OF CONTENTS

• Data Warehousing • Business Analysis • Data Mining • Association Rule Mining and Classification • Clustering and Trends in Data Mining

9789351199120 | (Exclusive)



Data Warehousing & Mining | e

Varsha Bhosale, Deepali Vora

ABOUT THE AUTHOR

Varsha V. Bhosale is Associate Professor ,Department of Information Technology & Vice Principal at Vidyalankar Institute of Technology, Mumbai . She has more than 15 years of teaching experience. Her contributions in the field of Data Warehousing & Mining , Image Processing have been published in many journals and International conferences.

Deepali Vora is a Member of ISTE and has an experience of 15 years in the field of teaching and was Head of the Department of Information Technology in Vidyalankar Institute of Technology. Her contributions in the field of Data Mining and Web Mining is published in many journals and international conferences.

ABOUT THE BOOK

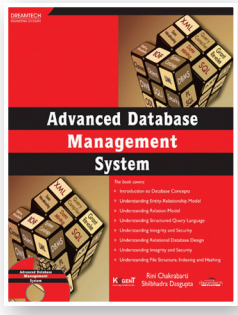
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TABLE OF CONTENTS

• Introduction to Data Warehousing • Dimensional Modeling • ETL Process • Online Analytical Processing (OLAP) • Introduction to Data Mining • Data Exploration • Data Preprocessing • Classification and Prediction • Clustering and Trends in Data Mining • Frequent Pattern Mining

9789351199168 | Pages: 388 | (Exclusive)

DATABASE MANAGEMENT SYSTEMS



Advanced Database Management System | e

Rini Chakrabarti, Shilbhadra Dasgupta

ABOUT THE AUTHOR

Rini Chakrabarti received the Bachelor of Science degree in Physics (Hons.) and the B.Tech. degree in Computer Science & Engineering from the University of Calcutta, Kolkata, India, in 2009. She is

currently an Information Technology (IT) engineer in the Consultancy Department of a software company. Her research interests include recent trends and developments in the fields of database management systems, .NET architecture and programming in ASP.NET, ADO.NET, C#, and VB.NET. She also keeps track of the recent developments in the field of wireless and sensor networking.

Shilbhadra Dasgupta received the Graduate degree (first class Hons.) in Physics from the University of Calcutta, Kolkata, India, in 2009, and the Post Graduate degree in Computer Science & Engineering from Rajabazar Science College, University of Calcutta. He is currently a software engineer. He is also co-authoring the book, "Mobile Ad-hoc Network & Wireless Communications" along with Dr. Nabendu Chaki, Head of the Department of Computer Science & Engineering, University of Calcutta, and Mr. S. Banerjee, Software Engineer, IXIA Technologies, Kolkata. His research interests include basic networking, database management systems, data warehousing, network simulations, multiplexing, de-multiplexing, advancement in the fields of Mobile Ad-Hoc Network (MANET), wireless and sensor networks, cellular network, 3G, 4G, security in ad-hoc networks, and QoS in mobile networks.

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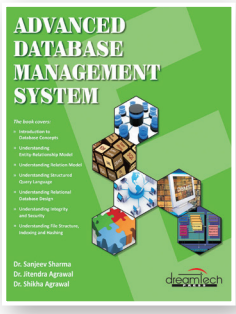
ABOUT THE BOOK

This book provides a systematic approach with an in-depth analysis of advanced database areas as well as the basics of database management systems. It explores the different normalization techniques starting from the very basic first normal form and extends up to sixth normal form. The theme of this book is the potential of new advanced database systems. This book combines advanced techniques with practical advice and many new ideas, methods, and examples for database management students, system specialists, and programmers. It provides a wealth of technical information on database methods and an encyclopedic coverage of advanced techniques. Summing up, this book is a valuable source of information for academics, practitioners, post and under graduate students with a good overview of basic notions, methods and techniques, as well as important issues and trends across the broad spectrum of data management.

TABLE OF CONTENTS

• Introduction to Database Management System • Database Design and Implementation • DBMS Advanced Features and Distributed Database • Enhanced Database Models • Emerging Trends and Example DBMS Architectures • Appendix A: Data Warehousing • Appendix B: Data Mining • Appendix C: Data Grid and Its Application • Appendix D: Hashing and Lookup Table • Bibliography • Index • What's on the CD ROM

9788177228021 | Pages: 688 | ₹ 699



Advanced Database Management System | e

Dr. Sanjeev Sharma, Dr. Jitendra Agrawal, Dr. Shikha Agrawal

ABOUT THE AUTHOR

Dr. Sanjeev Sharma is Professor and Head of School of Information Technology at Rajiv Gandhi Proudyogiki Vishwavidyalaya, Bhopal, India.

Dr. Jitendra Agrawal is a researcher and consultant in the field of Computer Science and Information Technology and an Assistant Professor in the Department of Computer Science & Engineering at the Rajiv Gandhi Proudyogiki Vishwavidyalaya, Bhopal, India.

Dr. Shikha Agrawal is an Assistant Professor in Department of Computer Science & Engineering at University Institute of Technology, Rajiv Gandhi Proudyogiki Vishwavidyalaya, Bhopal, India.

ABOUT THE BOOK

There has been rapid growth and development in the field of relational database management systems. This book provides a systematic approach with an in-depth analysis of advanced database areas as well as the basics of database management systems. It explores the different normalization techniques starting from the very basic first normal form and extends up to the sixth normal form. The theme of this book is the potential of new advanced database systems. This book combines advanced techniques with practical advice and many new ideas, methods and examples for database management students, system specialists and programmers.

TABLE OF CONTENTS

• Introduction to DBMS • Database System Architecture • Relational Database Design • Introduction to Query Languages • Advanced SQL and PL / SQL • Database Implementation and Tools • Database System Catalogs • Query Compiler • Query Processing and Evaluation • Transaction Management and Recovery • Database Security and Authorization • Distributed Database • Object-Oriented Database • Database and XML • Emerging Database Models, Technologies and Applications - I • Emerging Database Models, Technologies and Applications - II

9789351199380 | Pages: 680 | ₹ 499



Fundamentals of Database Management Systems, 3ed (An Indian Adaptation) | e | IM

Mark L. Gillenson, Pradeep Singh, Sarvesh Pandey

ABOUT THE AUTHOR

Dr. Mark L. Gillenson has been practicing, researching, teaching, writing, and most importantly, thinking about data and database management for over 50 years, split between working for the IBM Corporation and being a professor in the academic world. While working for IBM he designed databases for IBM's corporate headquarters, consulted on database issues for some of IBM's largest customers, taught database management at the prestigious IBM

Systems Research Institute in New York, and conducted database seminars throughout the United States and on four continents.

Dr. Gillenson conducted some of the earliest studies on data and database administration and has written extensively about that subject as well as about database design. He is an associate editor of the Journal of Database Management, with which he has been associated since its inception. This is the third edition of his third book on database management, all published by John Wiley & Sons, Inc. Dr. Gillenson is currently University Research Professor in the Fogelman College of Business and Economics of The University of Memphis.

He is also the Director of the UofM's Systems Testing Excellence Program (STEP). His degrees are from Rensselaer Polytechnic Institute and The Ohio State University.

ABOUT THE BOOK

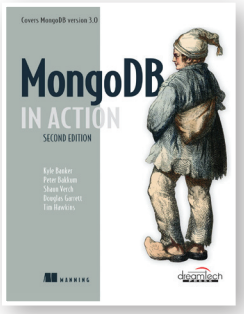
The newly revised third edition of Fundamentals of Database Management Systems delivers an authoritative and comprehensive account of contemporary database management. This edition assists readers in understanding critical topics in the subject, including data modeling, relational database concepts, logical and physical database design, SQL, data administration, data security, NoSQL, blockchain, database in the cloud, and more. The author offers a firm grounding in the fundamentals of database while, at the same time, providing a wide-ranging survey of database subfields relevant to information systems professionals.

This Indian edition enhances the coverage with new and updated content. It introduces new sections on traditional file systems, file systems versus database systems, ARIES recovery algorithm, dirty read problem, and phantom phenomenon. The coverage of the section on the data normalization process has been enhanced by introducing new subsections on Boyce- Codd normal form (BCNF), fourth normal form, and fifth normal form. Examples, mini cases, and many end-of-chapter questions throughout the book are new or revised. It also includes multiple choice questions derived from various competitive examinations.

TABLE OF CONTENTS

• Data: The New Corporate Resource • Data Modeling • The Database Management System Concept • Relational Data Retrieval: SQL • The Relational Database Model: Introduction • The Relational Database Model: Additional Concepts • Logical Database Design • Physical Database Design • Object-Oriented Database Management • Data Administration, Database Administration, and Data Dictionaries • Database Control Issues: Security, Backup and Recovery, Concurrency • The Data Warehouse • NoSQL Database Management • Blockchain • Database in the Cloud • Database Applications • Data: The New Corporate Resource • Data Modeling • The Database Management System Concept • Relational Data Retrieval: SQL • The Relational Database Model: Introduction • The Relational Database Model: Additional Concepts • Logical Database Design • Physical Database Design • Object-Oriented Database Management • Data Administration, Database Administration, and Data Dictionaries • Database Control Issues: Security, Backup and Recovery, Concurrency • The Data Warehouse • NoSQL Database Management • Blockchain • Database in the Cloud • Database Applications

9789363866027 | Pages: 840 | ₹ 950



MongoDB in Action, 2ed : Covers MongoDB Version 3.0

Kyle Banker, Peter Bakkum, Shaun Verch, Douglas Garrett, Tim Hawkins

ABOUT THE AUTHOR

After working at MongoDB, Kyle Banker is now at a startup.

Peter Bakkum is a developer with MongoDB expertise.

Shaun Verch has worked on the core server team at MongoDB. A Genentech engineer.

Doug Garrett is one of the winners of the MongoDB Innovation Award for Analytics. A software architect.

Tim Hawkins has led search engineering at Yahoo Europe.

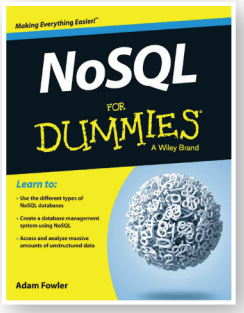
ABOUT THE BOOK

MongoDB in Action, Second Edition is a completely revised and updated version. It introduces MongoDB 3.0 and the document-oriented database model. This perfectly paced book gives you both the big picture you'll need as a developer and enough low-level detail to satisfy system engineers. Lots of examples will help you develop confidence in the crucial area of data modeling. You'll also love the deep explanations of each feature, including replication, auto-sharding and deployment.

TABLE OF CONTENTS

• Getting Started • Application development in MongoDB • MongoDB mastery

9789351199359 | Pages: 480 | ₹ 999



NoSQL for Dummies | e

Adam Fowler

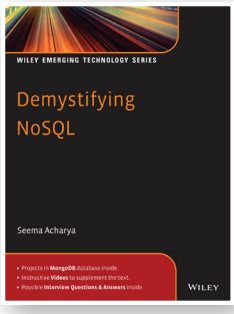
ABOUT THE AUTHOR

Adam Fowler is Senior Pre-Sales Consultant in the UK Public Sector of the Enterprise NoSQL vendor, MarkLogic Corporation and has previously worked in pre-sales for IPK, FileNet and IBM. He writes for and runs a popular blog on NoSQL and big data, which is republished on DZone.com. He's spoken about current NoSQL issues at conferences and podcasts and will be speaking at more NoSQL conferences in 2014.

ABOUT THE BOOK

This easy to read guide to NoSQL databases provides the type of no-nonsense overview and analysis that you need to learn, including what NoSQL is and which database is right for you. Featuring specific evaluation criteria for NoSQL databases, along with a look into the pros and cons of the most popular options, NoSQL for Dummies provides the fastest and easiest way to dive into the details of this incredible technology. You'll gain an understanding of how to use NoSQL databases for mission-critical enterprise architectures and projects and real-world examples reinforce the primary points to create an action-oriented resource for IT pros.

9788126554904 | Pages: 464 | ₹ 539



Demystifying NoSQL | e | IM

Seema Acharya

ABOUT THE AUTHOR

Seema Acharya is an Associate Vice President and Senior Lead Principal with the Education, Training and Assessment department of Infosys Limited. She is a technology evangelist, learning strategist and a passionate tech author with over 20 years of experience in conceptualizing, designing and implementing competency development/enhancement programs in alignment with business strategy to cater to short term as well as long term organizational goals.

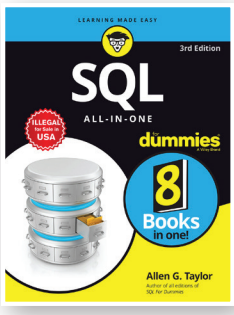
ABOUT THE BOOK

NoSQL databases are non-relational, open-source, distributed, schema-less, and cluster friendly databases. They are hugely popular today owing to their ability to scale out or scale horizontally and the adeptness at dealing with a rich variety of data: structured, semi-structured and unstructured data. They are malleable and flexible enough to accommodate sparse datasets, besides maintaining cost efficiency and availability.

TABLE OF CONTENTS

• Getting Started with NoSQL • Types of NoSQL Databases • Column-Family Store • MongoDB • Neo4j: A Graph-Based Database • NoSQL Database Orientation

9788126579969 | Pages: 280 | ₹ 599



SQL All-In-One For Dummies, 3ed | e

Allen G. Taylor

ABOUT THE AUTHOR

Allen G. Taylor is a 30-year veteran of the computer industry and the author of over 20 books, including SQL For Dummies 9th Edition. He frequently lectures nationally on databases, innovation, and entrepreneurship. As well as, teaches database development internationally through a leading online education provider. He teaches computer architecture locally at Portland State University and via distance learning at the International Institute for Information Science and Technology in Shanghai, China

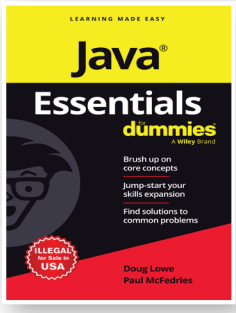
ABOUT THE BOOK

SQL is the international standard language for creating and maintaining relational databases. This book is a compendium of information about SQL and relational database design, development, and maintenance. The eight mini-books cover the full spectrum of issues that arise in building, using, and maintaining relational database systems.

TABLE OF CONTENTS

• SQL Concepts • Relational Database Development • SQL Queries • Data Security • SQL and Programming • SQL, XML, AND JSON • Database Tuning Overview

9788126534494 | Pages: 776 | ₹ 995



Java Essentials For Dummies | e

Doug Lowe, Paul McFedries

ABOUT THE AUTHOR

Doug Lowe is a computer programming guru and author of more than 30 tech books, including Java All-in-One For Dummies.

Paul McFedries is a long-time technical author with more than 100 published titles, including Web Coding & Development All-in-One For Dummies.

ABOUT THE BOOK

Swiftly brush up on the foundations of Java programming Java Essentials For Dummies is a reliable and succinct reference on the core components of Java—the multifaceted general-purpose language used for desktop, mobile, and web applications. This straightforward book gets right to the point—eliminating review material and wordy explanations—so you get what you need, fast.

TABLE OF CONTENTS

• Introduction • Chapter 1: Installing and Using Java Tools • Chapter 2: Working with TextPad • Chapter 3: Java Programming Basics • Chapter 4: Working with Variables and Data Types • Chapter 5: Working with Numbers and Expressions • Chapter 6: Making Choices • Chapter 7: Going Around in Circles (or, Using Loops) • Chapter 8: Adding Some Methods to Your Madness • Chapter 9: Handling Exceptions • Chapter 10: Making Your Own Classes • Chapter 11: Using Subclasses and Inheritance • Chapter 12: Using Arrays • Chapter 13: Ten Techniques for Easier Java Coding

9789363865785 | Pages: 208 | (Exclusive)



SQL & PL / SQL for Oracle Black Book | e

P.S. Deshpande

ABOUT THE AUTHOR

Dr. P.S. Deshpande has done his Ph.D. from Nagpur University and M.Tech from IIT, Powai, Mumbai in Computer Science and Engg. He is a faculty member at the Department of Computer Science, Visvesvaraya National Institute of Technology, Nagpur, since 1992. He acted as consultant to various Govt. and private organizations in the field of Database Management System, Software Engineering, Data Warehousing, and J2EE design patterns. He has also published a number of papers in that field. He has authored three books on Oracle and programming languages.

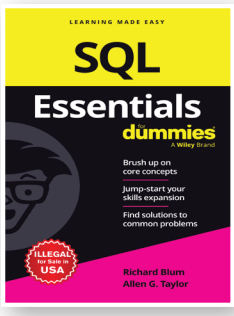
ABOUT THE BOOK

This book, SQL & PL/SQL Black Book, brings to you the complete, latest account of SQL and PL/SQL for Oracle. It gifts you two things- first, it upgrades your knowledge on the subject; and second the innumerable, exciting examples help you build a better skill in SQL and PL/SQL. The highlight of the book is a clear yet incisive discussion of the basic features of Oracle 9i and the latest advanced features that come with Oracle 10g. The in-depth treatment of the subject in a lucid language will give you an enjoyable learning experience as you have always had with our previous books on Oracle. This comprehensive reference will help you learn the entire spectrum of SQL-from Views to Cube and Roll Up; from Case expressions to Variances and Correlation-and PL/SQL-from Collections to Object types; from Error handling to Triggers; from Object views to Rollback segments; from UNDO tablespace to Expression filter, and many more.

TABLE OF CONTENTS

• Unit - I: SQL • Unit - II: PL/SQL • Appendix A: Tables • Index

9788177229400 | Pages: 892 | ₹ 1299



SQL Essentials For Dummies | e

Richard Blum, Allen G. Taylor

ABOUT THE AUTHOR

Richard Blum is a network and systems administrator. He has worked with database systems such as Microsoft SQL Server, PostgreSQL, and MySQL. Rich also teaches online courses in programming.

Allen G. Taylor is author of more than 40 books, including SQL For Dummies. He also teaches database development through a leading online education provider.

ABOUT THE BOOK

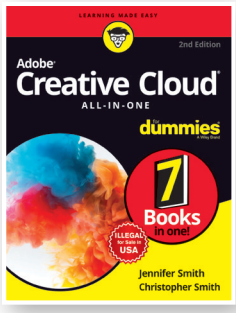
A right-to-the-point guide on all the key topics of SQL programming SQL Essentials For Dummies is your quick reference to all the core concepts of SQL—a valuable common standard language used in relational databases. This useful guide is straightforward—with no excess review, wordy explanations, or fluff—so you get what you need, fast. Great for a brush-up on the basics or as an everyday desk reference, this book is one you can rely on.

TABLE OF CONTENTS

• Getting to Know SQL • Creating a Database with SQL • Drilling Down to the SQL Nitty-Gritty • Values, Variables, Functions, and Expressions • SELECT Statements and Modifying Clauses • Querying Multiple Tables with Subqueries • Querying Multiple Tables with Relational Operators • Cursors • Assigning Access Privileges • Ten Retrieval Tips

9789363860384 | Pages: 208 | (Exclusive)

DESIGN TOOLS



Adobe Creative Cloud All-in-One For Dummies, 2ed | e

Jennifer Smith, Christopher Smith

ABOUT THE AUTHOR

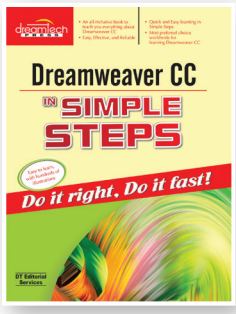
Jennifer Smith is a user experience consultant, designer, educator, mentor, and author of more than a dozen books on digital imaging and web publishing. She has advised numerous companies on design projects and works on various platforms and devices.

Christopher Smith is president of the American Graphics Institute. He is the author of more than ten books on web, interactive, and print publishing technology, including many of the Adobe official training guides.

ABOUT THE BOOK

Adobe Creative Cloud is the most popular suite of tools among creative professionals, and a valuable resource you can use to fulfill all of your design goals. Ready to get started? The only book on the market of its kind, Adobe Creative Cloud All-in-One For Dummies is written by designers for designers. It will provide you with expert instruction that spans seven mini-books, with helpful information that can grant insight regardless of your current level of knowledge.

9788126575299 | Pages: 772 | ₹ 849



Dreamweaver CC in Simple Steps | e

DT Editorial Services

ABOUT THE AUTHOR

DreamTech Editorial Services (DTES) has been providing quality learning to a wide spectrum of readers across India. Imbibing the spirit of Knowledge, Creativity and Experience, DTES has presently become one of the leading publishers of IT, Engineering and Management books in India today. Our dynamic work culture passionately pronounces our lasting commitment to quality and technical accuracy of our books. Our effort to continuously enhance and enrich the quality of our books, published under different series catering to the specific needs of each segment of the readers, is a sturdy affirmation towards this end. DTES focuses largely in three segments: computers and technology, career and competition, and business and management.

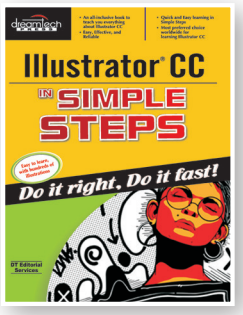
ABOUT THE BOOK

Dreamweaver CC In Simple Steps is a book that helps you learn the procedure to create a website in Adobe Dreamweaver CC. Being precise and complete, it offers the reader a cutting edge in the field of Website development. An easy-to-understand style, lots of examples to support the concepts, and the use of practical approach to learn the features of Dreamweaver together make the book unique itself. The content in the book is presented in such a way that it will be equally helpful to the beginners as well as professionals.

TABLE OF CONTENTS

• 1. Introducing Dreamweaver CC • 2. Setting Up a Website and its Files • 3. Getting Familiar with HTML5 • 4. Working with HTML Forms and Clean Up code • 5. Getting Familiar with CSS and JavaScript • 6. Working with Library Items, Layouts, and Templates • 7. Adding Interactivity to a Website • 8. Authentication and Publishing a Website

9789388425100 | Pages: 256 | ₹ 349



Illustrator CC in Simple Steps | e

DT Editorial Services

ABOUT THE AUTHOR

Dreamtech Editorial Services (DTES) has been providing quality learning to a wide spectrum of readers across India. Imbibing the spirit of Knowledge, Creativity and Experience, DTES is presently one of the leading publishers of IT, Engineering and Management books in India. Our dynamic work culture passionately pronounces our lasting commitment to quality and technical accuracy of our books. Our effort to continuously enhance and enrich the quality of our books, published under different series catering to the specific needs of each segment of the readers, is a sturdy affirmation towards this end. DTES focuses largely in three segments: computers and technology, career and competition, and business and management.

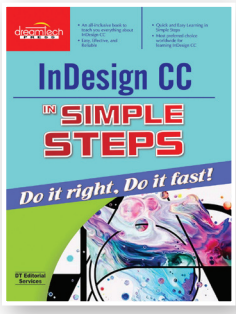
ABOUT THE BOOK

Illustrator CC In Simple Steps provides an in-depth, step-by-step approach to learn and master the skills required to work with Illustrator. This book focuses on the key concepts of vector drawing in Illustrator. The book begins with an introduction to all the new and enhanced features of Illustrator CC, such as Properties panel, Puppet Warp tool, Variable font, OpenType SVG fonts, Live corners, Typekit font, Curvature tool, Join tool, and Shaper tool. An easy-to-understand and systematic approach that starts from the basics, supplemented with practical examples and screenshots, makes the book unique. The content of this book is presented in such a way that it will be equally helpful to the beginners as well as the professionals.

TABLE OF CONTENTS

• Getting Started with Illustrator CC • Drawing in Illustrator CC • Working with Colors • Working with Objects and Layers • Working with Text • Working with Gradients, Brushes, and Patterns • Working with Symbols, Illustrator Effects, and Graphic Styles • Automating, Exporting, and Printing Documents

9789388425261 | Pages: 288 | ₹ 349



InDesign CC in Simple Steps | e

DT Editorial Services

ABOUT THE AUTHOR

DreamTech Editorial Services (DTES) has been providing quality learning to a wide spectrum of readers across India. Imbibing the spirit of Knowledge, Creativity and Experience, DTES has presently become one of the leading publishers of IT, Engineering and Management books in India today. Our dynamic work culture passionately pronounces our lasting commitment to quality and technical accuracy of our books. Our effort to continuously enhance and enrich the quality of our books, published under different series catering to the specific needs of each segment of the readers, is a sturdy affirmation towards this end. DTES focuses largely in three segments: computers and technology, career and competition, and business and management.

ABOUT THE BOOK

InDesign CC IN SIMPLE STEPS is a step-by step guide for learning and gaining expertise in InDesign CC. The book explains the core concepts of creating page layouts, desktop publishing, and digital publishing. It covers new and enhanced features in InDesign CC, such as Document Preview, Paragraph Border and Shading, Modern User Interface (UI), Share File on Creative Cloud, EPUB Enhancement, Sync Settings, Publish Online, Font Search and Filter, and Typekit Marketplace. The content presented in this book is equally helpful to both beginner and advanced user.

TABLE OF CONTENTS

• Introduction to InDesign CC • Working with Document • Formatting the Document • Working with Tables • Working with Drawing Tools • Working with Objects • Using Graphics • Applying Effects and Animations • Working with Colours and Strokes • Publishing the Document

9789388425063 | Pages: 304 | ₹ 349

DESKTOP PUBLISHING



Comdex 9-in-1 DTP Course Kit | e

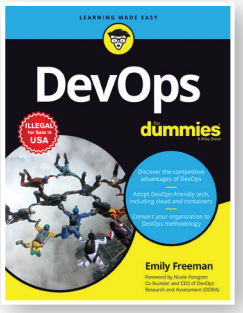
Vikas Gupta

ABOUT THE BOOK

The book Comdex 9in1 DTP Course Kit covers most popular DTP applications in an easy-to-understand language with ample screenshots. The book is surely a push to promote DTP applications and explore possibilities and career opportunities present in the field of Desk Top Publishing.

9788177229271 | Pages: 664 | ₹ 349

DEVOPS



DevOps For Dummies | e

Emily Freeman

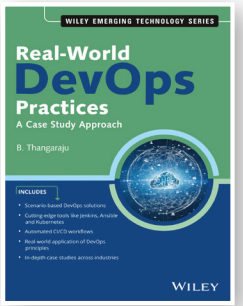
ABOUT THE AUTHOR

Emily Freeman made the career switch from freelance editor and ghost writer to software developer and hasn't looked back. She's currently Vice President of Developer Relations and Product Marketing for Kickbox, an email technology company. She's a frequent speaker and keynote at DevOps events around the world, speaking at 18 events scheduled for 2018 thus far.

ABOUT THE BOOK

DevOps embraces a culture of unifying the creation and distribution of technology in a way that allows for faster release cycles and more resource-efficient product updating. DevOps For Dummies provides a guidebook for those on the development or operations side in need of a primer on this way of working. DevOps evangelist Emily Freeman provides a roadmap for adopting the management and technology tools, as well as the culture changes, needed to dive head-first into DevOps.

9788126553495 | Pages: 376 | ₹ 739



Real-World DevOps Practices : A Case Study Approach | e | IM

B. Thangaraju

ABOUT THE AUTHOR

Dr. B. Thangaraju is a professor at the International Institute of Information Technology, Bangalore (IIITB), with over 28 years of experience in Operating Systems Internals, Linux System and Kernel Programming, Embedded and Real-Time Linux, Linux System Administration, and DevOps. Throughout his distinguished career, Dr. Thangaraju has held key positions in academia and industry, including the Head of the Architects Team at Talent Transformation, Wipro Technologies, Bangalore, India.

ABOUT THE BOOK

It is designed to equip readers with the knowledge and practical skills necessary to effectively implement DevOps tools across various industries. It presents a clear, step-by-step method for DevOps adoption, covering tool selection, pipeline architecture, and overcoming growth challenges.

The book tests your grasp of DevOps through over 400 questions, including descriptive exercises, lab tasks, and MCQs. These are designed to test your understanding and application of DevOps concepts. Suitable for novices and experts alike, it lays a solid foundation in agile and DevOps principles, with practical applications demonstrated through real-life case studies. It also highlights the critical role of governance in ensuring the sustained improvement of DevOps projects.

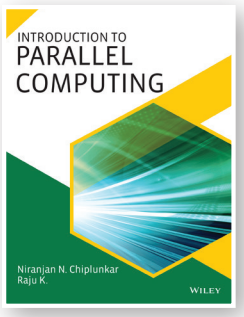
This accessible, hands-on manual prepares you with the skills to excel in DevOps, regardless of your sector or experience level.

TABLE OF CONTENTS

• DevOps Fundamentals • DevOps Tools: Version Control to Monitoring • Ansible: Configuration Management with Effective Practices • Docker Fundamentals and Beyond • Kubernetes in DevOps: Managing Containerised Applications • Jenkins Unleashed: Features, Configuration, and Implementation Mastery

9789357465946 | Pages: 564 | ₹ 999

EMBEDDED SYSTEMS



Introduction to Parallel Computing | e | IM

Niranjan N. Chiplunkar, Raju K.

ABOUT THE AUTHOR

Prof. Niranjan Chiplunkar has more than 32 years of teaching experience. He served as Lecturer and then as Reader in the Dept. of Computer Science and Engg. at Manipal Institute of Technology, Manipal from 1987 to 1996, from 1996 to June 2012 he worked at NMAM Institute of Technology, Nitte as a Professor in the Computer Science & Engineering Department. From 2003, he was heading the Department of CSE and was Vice Principal of the Institute.

Raju K. has 20 years of teaching experience. His research interests include Parallel Computing and Computer Architecture. He has published more than 10 technical papers in National and International Conferences and Journals. Currently, he is working as Associate Professor in the Computer Science and Engineering Department at NMAM Institute of Technology, Nitte.

ABOUT THE BOOK

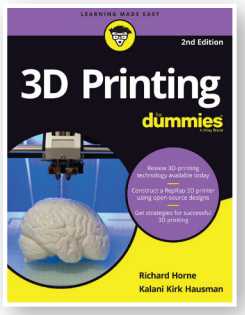
With every computational gadget boasting of multiple processors, parallel programming becomes very important to fully exploit the power of such processor architectures. Parallel programming simultaneously uses multiple computing resources to solve a computational problem. Pthreads and OpenMP are the programming paradigms in shared address space parallel computers. Message Passing Interface (MPI) is the distributed memory parallel programming model. Graphics Processing Units (GPUs) consist of large number of homogeneous computing cores, and CUDA is a programming framework for GPUs.

TABLE OF CONTENTS

• Multicore Processors: Introduction • Parallel Processing and Architectural Issues in Modern Processors • Fundamentals of Parallelization • API-Based Parallel Programming with Pthreads • Directive-Based Parallel Programming with OpenMP • Programming the Distributed Memory Parallel Computers • Introduction to GPUs and CUDA Programming

9788126556816 | Pages: 528 | ₹ 750

EMERGING TECHNOLOGY



3D Printing For Dummies, 2ed

Richard Horne, Kalani Kirk Hausman0

ABOUT THE AUTHOR

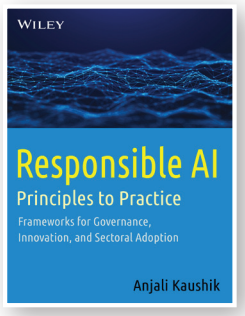
Richard Horne is an Electronics Engineer, Product Designer, Technical Salesman, and Problem Solver working in a wide range of industries and applications. He has twenty years of experience in the electronics industry as an engineer, marketer, and product designer. In his work with the RepRap project, he blogs and shares ideas to make 3D Printing easier for everyone to understand.

Kirk Hausman has spent more than 20 years as an IT consultant, enterprise architect, and auditor, and ISO. He currently conducts research on integrating 3D printed materials into educational curricula at Texas A&M and other colleges and universities.

ABOUT THE BOOK

3D printing is one of the coolest inventions we've seen in our lifetime, and now you can join the ranks of businesspeople, entrepreneurs, and hobbyists who use it to do everything from printing foods and candles to replacement parts for older technologies—and tons of mind-blowing stuff in between! With 3D Printing For Dummies at the helm, you'll find all the fast and easy-to-follow guidance you need to grasp the methods available to create 3D printable objects using software, 3D scanners, and even photographs through open source software applications like 123D Catch.

9788126569892 | Pages: 416 | ₹ 529



Responsible AI : Principles to Practice

Anjali Kaushik

ABOUT THE AUTHOR

Dr. Anjali Kaushik is a Professor at the Management Development Institute (MDI), Gurgaon, which is one of the top business schools in India. She has served as Dean of Strategic Initiatives, where she started the Online PGDM program, led ERP deployment, and significantly expanded global collaborations. She has also held academic positions as IT Head and Area Chair. Dr. Kaushik has contributed as an expert on strategic planning and policy making in e-governance and cybersecurity with the Government of India. She has authored eight books and published more than 35 papers in peer-reviewed international journals.).

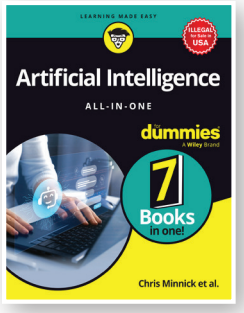
ABOUT THE BOOK

Responsible AI: Principles to Practice – Frameworks for Governance, Innovation, and Sectoral Adoption"" by Anjali Kaushik is a definitive guide for navigating the complex landscape of ethical, legal, and operational challenges in Artificial Intelligence. Drawing on years of research, teaching, and policy consultation, the book bridges the gap between high-level ethical principles and practical implementation. It is organized into four parts: I.Global Frameworks and Ethical AI: Lays the foundation with international principles, laws, and governance models. II.Technical and Socio-Ethical Dimensions: Explores bias, explainability, privacy, machine unlearning, and synthetic data. III.Operationalizing Responsible AI: Provides actionable strategies for embedding Responsible AI into organizational processes, including governance, risk management, and sustainability. IV.Sectoral Frameworks and Use Cases: Demonstrates application across finance, healthcare, public services, media, and education, with real-world case studies and best practices. The book concludes with practical annexures—self-assessment checklists, coding exercises, and risk repository templates—making it an indispensable resource for anyone seeking to ensure that AI systems are not only innovative and efficient, but also fair, transparent, accountable, and aligned with human values.

TABLE OF CONTENTS

• PART I Global Frameworks and Ethical AI • 1. Introduction • 2. The Concepts and Principles of Responsible AI • 3. A Discussion on Global Frameworks • 4. Laws and Regulations for Responsible AI Governance • PART II Responsible AI: Technical and Socio-Ethical Dimensions 81 • 5. Understanding Bias • 6. Understanding and Trusting AI Models through Explainable AI • 7. Privacy and Data Protection • 8. Machine Unlearning • 9. Responsible AI and Synthetic Data Generation • 10. AI and Copyright Management • 11. AI and Digital Integrity: Deepfakes and Digital Deception • PART III Operationalizing Responsible AI • 12. Responsible AI by Design: Governance, Architecture, and Processes • 13. AI and Sustainability • 14. Responsible AI and Innovation • PART IV Sectoral Frameworks and Use Cases • 15. Responsible AI and Sectoral Adoption • 16. Case-Based Insights on Responsible AI Practices • 17. Conclusion: Building Trustworthy AI Societies

9789373327631 | Pages: 400 | ₹ 999



Artificial Intelligence All-in-One For Dummies

Chris Minnick, John Paul Mueller, Luca Massaron, Stephanie Diamond, Pam Baker, Daniel Stanton, Shiv Singh, Paul Mladjenovic, Sheryl Lindsell-Roberts

ABOUT THE AUTHOR

Chris Minnick (Portland, OR), author of Microsoft Copilot For Dummies and Coding with AI For Dummies; John Mueller (deceased) and Luca Massaron (Italy), co-authors of Artificial Intelligence For Dummies, 3rd Edition (with Stephanie Diamond) and Machine Learning For Dummies; Jeffrey Allan (Victor, NY) and and Stephanie Diamond (metro New York, NY) co-authors of Writing AI Prompts For Dummies; Sheryl Lindsell-Roberts (Marlborough, MA), author of Business Writing with AI For Dummies; Pam Baker (metro Atlanta, GA), author of ChatGPT For Dummies and Generative AI For Dummies; Shiv Singh (metro San Francisco, CA), author of Marketing with AI For Dummies; Daniel Stanton (Charlotte, NC), author of Project Management with AI For Dummies; and Paul Mladjenovic (metro New York, NY), author of AI Investing For Dummies.

ABOUT THE BOOK

"Your one-stop reference for all things AI

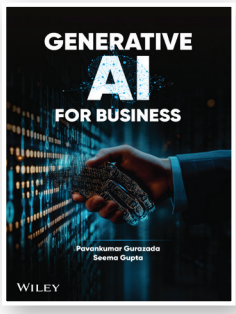
Artificial intelligence is the latest need-to-know technology. This book offers the broadest collection of AI know-how you're going to find. Dive into the inner workings of AI, including where systems find their facts. You can also get familiar with top AI tools like ChatGPT and Microsoft Copilot. Finally, put AI to work for you as you use generative tools as an office assistant, apply AI solutions to industries like marketing and project management, and even create programming code with AI. Get instant answers to your AI questions without bothering your favorite generative tools for the answers.

8 books in 1:

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• Introduction • Book 1: Understanding AI Foundations • Chapter 1: Delving into What AI Means • Chapter 2: Defining Data's Role in AI • Chapter 3: Considering the Use of Algorithms • Chapter 4: Pioneering Specialized Hardware • Chapter 5: Parsing Machine Learning and Deep Learning • Chapter 6: Upholding Responsible AI Standards in GenAI Use • Chapter 7: Finding Job Security in an AI World • Book 2: Prompting and Generative AI Techniques • Chapter 1: Mapping the Lay of the Generative AI Land • Chapter 2: Introducing the Art of Prompt Engineering • Chapter 3: Navigating the Evolving Landscape of GenAI • Chapter 4: Introducing ChatGPT • Chapter 5: Getting Started with Microsoft Copilot • Chapter 6: Learning Advanced Prompting • Book 3: Increasing Productivity with AI • Chapter 1: Applying GenAI in Practical Scenarios • Chapter 2: Crunching the Numbers with Copilot • Chapter 3: Presenting with Copilot • Chapter 4: Meeting and Collaborating with Copilot • Chapter 5: Working with AI in a Roundup of Business Disciplines • Chapter 6: Managing AI Adoption and Change in Your Organization • Book 4: Creating Content with AI • Chapter 1: Using AI for Ideation and Planning • Chapter 2: Managing and Writing Emails with AI • Chapter 3: Developing Creative Assets • Chapter 4: Producing Long-Form Content • Chapter 5: Search Engine Optimization (SEO) in the AI Era • Chapter 6: Fine-Tuning Content with Localization and Translation • Book 5: AI at Home • Chapter 1: Relying on AI to Improve Human Interaction • Chapter 2: Using AI to Address Medical Needs • Chapter 3: Leveraging AI in Education • Chapter 4: Using GenAI in the Real World • Chapter 5: Financial Planning and Other Money Matters • Chapter 6: Retirement and Estate Planning • Book 6: Applying AI in Coding • Chapter 1: How Coding Benefits from AI • Chapter 2: AI Coding Tools • Chapter 3: Coding with Chatbots • Chapter 4: Progressing from Plan to Prototype • Book 7: Creating Custom AI Solutions • Chapter 1: Personalizing the Customer Journey by Using AI • Chapter 2: Boosting Online Business Growth with AI • Chapter 3: Enhancing Customer Service with Conversational AI Chatbots • Chapter 4: Making Custom Copilots • Chapter 5: Expanding Copilot's Capabilities with Plugins

9789377061340 | Pages: 752 | ₹ 1500



Generative AI for Business

Pavankumar Gurazada, Seema Gupta0

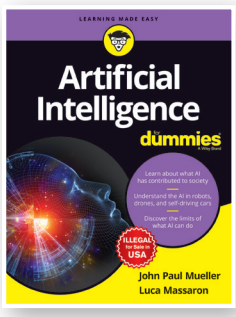
ABOUT THE BOOK

Generative AI for Business is a comprehensive, practice-first guide to deploying generative AI across enterprise functions. As AI moves beyond analyzing historical data to actively creating, reasoning, and executing, organizations face an enterprise tipping point. This book bridges the critical gap between heavy technical texts and purely theoretical works, providing business leaders, strategists, and operational managers with the knowledge and tools to harness AI for measurable ROI. Organized into four logical sections — Foundations, Architecture & Governance, Cross-Functional Playbooks, and Looking Ahead — the book guides readers from core concepts through organizational strategy into real-world departmental applications.

TABLE OF CONTENTS

• Section I Foundations • Chapter 1 The Generative AI Revolution: From Text to Multimodal Creation • Chapter 2 Mastering Generative AI Platforms and Tools • Chapter 3 Prompt Engineering Essentials: From Basics to Advanced Techniques • Chapter 4 Single-Agent Systems: From Simple Workflows to Agentic AI • Chapter 5 Under the Hood: Model Types, Retrieval-Augmented Generation and Fine-Tuning • Chapter 6 Data, Ethics, and Responsible AI Use • • Section II Architecture and Governance • Chapter 7 Crafting a Generative AI Roadmap • Chapter 8 Change Management and Talent • • • Section III Cross-Functional Playbooks • Chapter 9 Marketing and Customer Experience • Chapter 10 Sales and Service Copilots • Chapter 11 Document and Content Synthesis for Operations • Chapter 12 Creative Content Generation for Product Innovation • Chapter 13 Generative AI for Finance, Risk, and Compliance • Chapter 14 Generative AI for HR and Employee Experience • • Section IV Looking Ahead • Chapter 15 Multimodal Agents, Edge AI, and Autonomous Enterprises • Chapter 16 Your First 90-Day Action Plan

9789377068530 | Pages: 516 | ₹ 999



Artificial Intelligence For Dummies | e

John Paul Mueller, Luca Massaron

ABOUT THE AUTHOR

John Mueller is a freelance author and technical editor. He is the author of Machine Learning for Dummies and Algorithms for Dummies, which both require some knowledge of AI.

Luca Massaron is a data scientist specialized in organizing and interpreting big data and transforming it into smart data. He has been involved in quantitative data since 2000 with different clients and in various industries.

ABOUT THE BOOK

The term "Artificial Intelligence" has been around since the 1950s, but a lot has changed since then. Today, AI is referenced in the news, books, movies, and tv shows, and the exact definition is often misinterpreted. Artificial Intelligence For Dummies provides a clear introduction to AI, and how it is being used today. This book will give an overview of the technology, and address common misconceptions regarding Artificial Intelligence.

TABLE OF CONTENTS

• Considering the Uses of AI in Society • Working with Software-Based AI Applications • Working With AI in Hardware Applications • Considering the Future of AI • The Part of Tens

9788126576104 | Pages: 340 | ₹ 859



Artificial Intelligence : Concepts and Applications | e | IM

Lavika Goel

ABOUT THE AUTHOR

Dr. Lavika Goel is currently an Assistant Professor in the Department of Computer Science and Engineering at the Malaviya National Institute of Technology (NIT), Jaipur, Rajasthan, India. She earlier worked at the Birla Institute of Technology and Science (BITS), Pilani, for about five years. She also holds a corporate experience working at Oracle India Private Ltd. She received the prestigious Young Scientist Award by VIFRA International Foundation on 19 December, 2015 during the Annual Research Meet held in Chennai

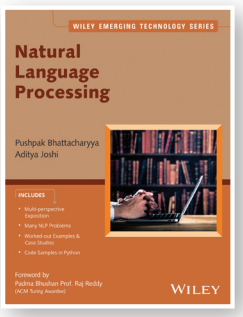
ABOUT THE BOOK

Artificial Intelligence: Concepts and Applications is a comprehensive discourse on the fundamental principles and concepts that lead to building artificially intelligent programs. It details the wide range of possible application areas where artificial intelligence can be used. The concepts of heuristic search and development of meta-heuristic algorithms has led a far way towards the development of computational intelligence algorithms and nature inspired algorithms that have been used in a variety of problem solving methods.

TABLE OF CONTENTS

• Foundations of Artificial Intelligence • Basics of Machine Learning • Applications of Artificial Intelligence • Logic in Artificial Intelligence • Trends in Machine Learning

9788126519934 | Pages: 780 | ₹ 949



Natural Language Processing | e | IM

Pushpak Bhattacharyya, Aditya Joshi

ABOUT THE AUTHOR

Prof. Pushpak Bhattacharyya has done extensive research in Natural Language Processing and Machine Learning. Some of his noteworthy contributions are IndoWordnet, Cognitive NLP, Low Resource MT, NLP of Rare Language Phenomena, and Knowledge Graph-Deep Learning Synergy in Information Extraction and Question Answering.. Prof. Bhattacharyya has been a visiting researcher at MIT and a visiting faculty at Stanford.

Dr. Aditya Joshi is a lecturer in the School of Computer Science and Engineering at the University of New South Wales (UNSW) in Sydney, Australia, since July 2023. He obtained his PhD from IIT Bombay and Monash University in 2018, and was a postdoc at CSIRO and a data scientist at SEEK. His professional experience spans startups, research and industry in Australia and India—collectively enabling a unique perspective into NLP.

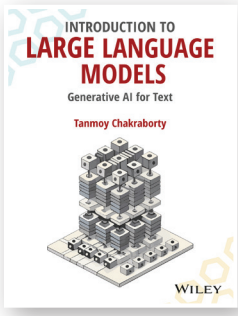
ABOUT THE BOOK

Striking a balance between foundational insights and applications, the book introduces three generations of NLP—rule-based, statistical, and neural—and approaches in these generations to NLP tasks such as shallow and deep parsing, machine translation, sentiment analysis, summarization, question-answering, and many more. In addition, chapters on large language models, shared tasks, and research dissemination serve as a solid foundation for readers to start their NLP journey. Significant focus has been given to NLP-based solutions which are increasingly finding applications in several domains.

TABLE OF CONTENTS

• Representation and NLP • Shallow Parsing • Deep Parsing • Named Entity Recognition • Natural Language Inference • Machine Translation • Sentiment Analysis • Question Answering • Conversational AI • Summarization • NLP of Incongruous Text • Large Language Models • Shared Tasks and Benchmarks • NLP Dissemination

9789357462389 | Pages: 420 | ₹ 950



Introduction to Large Language Models : Generative AI for Text | e

Tanmoy Chakraborty

ABOUT THE AUTHOR

Dr. Tanmoy Chakraborty is an Associate Professor in the Department of Electrical Engineering at IIT Delhi and an Associate Faculty Member at the Yardi School of Artificial Intelligence. An ACM Distinguished Speaker (2023–2025) and former Ramanujan Fellow (2018–2023), he has held key academic roles, including heading the Infosys Centre for Artificial Intelligence at IIIT Delhi.

Dr. Chakraborty earned his Ph.D. as a Google India scholar at IIT Kharagpur and completed a postdoctoral fellowship at the University of Maryland, College Park. His research spans Natural Language Processing (NLP), Graph Neural Networks, and Social Computing, with a focus on creating frugal, explainable LLMs for applications in mental health and cyber-informatics.

He leads the Laboratory for Computational Social Systems (LCS2) and also recipient of multiple faculty awards from Google, Adobe, and Accenture,

ABOUT THE BOOK

Introduction to Large Language Models (LLMs) is a comprehensive

guide for understanding the foundations and advancements of Generative AI for Text. Designed for educators and enthusiasts, the book starts with key linguistic concepts and progresses through NLP fundamentals—from word embeddings to pretrained foundational models.

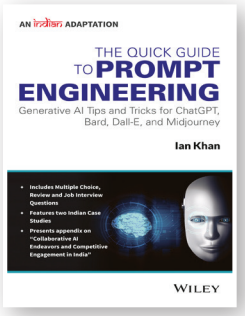
Readers will learn how LLMs process and generate language, overcome limitations, and enhance performance using techniques like prompt engineering, retrieval-augmented generation, and human alignment. The book uniquely presents cutting-edge research in a concise format, enriched with visual aids, exercises, and practical resources.

Ideal for computer science faculty, this resource offers both theoretical insights and real-world applications, showcasing how LLMs like ChatGPT are transforming technology and advancing AI innovation.

TABLE OF CONTENTS

• Introduction • An Overview of Natural Language Processing and Neural Networks • Word Embedding • Neural Language Models • Transformers • Language Model Pretraining • Fine-Tuning and Alignment of LLMs • Prompting Strategies in LLMs • Efficient Methods for Fine-Tuning LLMs • Augmented Large Language Models • Multilingual and Multimodal LLMs • Responsible LLMs • Advanced Topics in Large Language Models • of Model Editing • LLMs in Action

9789363864740 | Pages: 484 | ₹ 899



The Quick Guide to Prompt Engineering, (An Indian Adaptation) : Generative AI Tips and Tricks for ChatGPT, Bard, Dall-E, and Midjourney | e | IM

Ian Khan

ABOUT THE AUTHOR

Ian Khan is a prolific Technology Futurist, documentary filmmaker, author, and commentator who has been regularly featured on CNN, Bloomberg, BCC, Fox, and other global media. He's a recognized thought leader on Foresight, and future leadership with clients that include Fortune 500 companies, Governments and leading professional associations and industry groups.

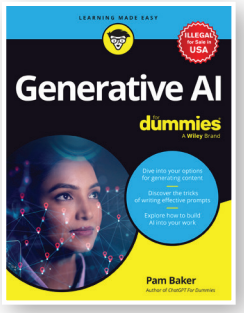
ABOUT THE BOOK

"Ideal for anyone eager to explore one of the most revolutionary and practical technological advancements of our time, The Quick Guide to Prompt Engineering is an essential read. Whether you're a tech enthusiast, marketer, content creator, technical professional, data expert, or simply someone looking to harness the power of generative AI at work or home, this guide is designed for you. With no prior experience required, this resource simplifies complex concepts, making generative AI accessible to all, regardless of expertise.

TABLE OF CONTENTS

• The Basics of Generative Artificial Intelligence • The Role of Prompts in Generative AI • A Step-by-Step Guide to Creating Effective Prompts • Diving Deeper: Structure and Nuances of Prompts • Prompt Engineering across Industry • Practical Guide to Prompt Engineering • Ethical Considerations in Prompt Engineering • Application-Specific Prompt Engineering • Advanced Topics in Prompt Engineering • Prompt Engineering with OpenAI ChatGPT • Exploring Prompts with Chat GPT • Getting Creative with DALL-E • Text Synthesis with CTRL • Learning Languages with T2T (Tensor2Tensor) • Building Blocks with BERT • Voice Synthesis with Tacotron • Transformers in Music with MuseNet • Generating Images with BigGAN • Creating Code with Codex • Generating 3D Art with RunwayML • DeepArt and Artistic Prompts • Midjourney • Google Bard • Deepfaking with DeepFaceLab • Image Editing with DeepArt Effects • Content Generation with AIVA • Audio Synthesis with WaveNet • Image Classification with ImageNet • Video Synthesis with VQ-VAE • Your Future in Prompt Engineering

9789363869264 | Pages: 536 | ₹ 750



Generative AI For Dummies | e

Pam Baker

ABOUT THE AUTHOR

Pam Baker is an award-winning freelance journalist, analyst, and author. Her previous book, ChatGPT For Dummies, was one of the first how-to guides for effective use of the ChatGPT platform. She writes for several media outlets, including The New York Times, CNN, Ars Technica, InformationWeek, and CSO. Baker is also an instructor on GenAI for LinkedIn Learning.

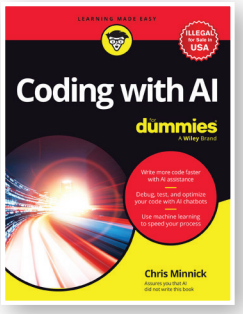
ABOUT THE BOOK

Generate a personal assistant with generative AI Generative AI tools capable of creating text, images, and even ideas seemingly out of thin air have exploded in popularity and sophistication. This valuable technology can assist in authoring short and long-form content, producing audio and video, serving as a research assistant, and tons of other professional and personal tasks. Generative AI For Dummies is your roadmap to using the world of artificial intelligence to enhance your personal and professional lives. You'll learn how to identify the best platforms for your needs and write the prompts that coax out the content you want. Written by the best-selling author of ChatGPT For Dummies, this book is the ideal place to start when you're ready to fully dive into the world of generative AI.

TABLE OF CONTENTS

• Mapping the Lay of the Generative AI Land • Introducing the Art of Prompt Engineering • Collaborating Creatively with GenAI • Navigating the Evolving Landscape of GenAI • Applying GenAI in Practical Scenarios • Manipulating the GenAI Model to Milk It for More or Better Content • Producing Long-Form Content • Customizing Content for Niche Topics • Creating Short-Form Content • Luring Images, Music, and Video Out of GenAI • Speeding, Improving, and Checking Your and GenAI's Work • Leaning on Advanced Tactics to Move Your Content to Another Level • Delving into Specialized GenAI Tools • Enhancing Creativity and Productivity with GenAI • Upholding Responsible AI Standards in GenAI Use • Unveiling the Human Element in GenAI • Ten Ways GenAI Can Boost Your Creativity • Ten Tips for Advanced Prompting

9789363864733 | Pages: 304 | (Exclusive)



Coding with AI For Dummies | e

Chris Minnick

ABOUT THE AUTHOR

Chris Minnick is an accomplished author, teacher, and programmer. Minnick authored or co-authored over 20 books, including titles in the For Dummies series. He has developed video courses for top online training platforms and he teaches programming and machine learning to professional developers at some of the largest global companies.

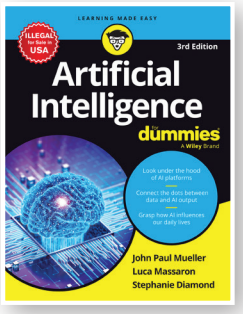
ABOUT THE BOOK

Boost your coding output and accuracy with artificial intelligence tools Coding with AI For Dummies introduces you to the many ways that artificial intelligence can make your life as a coder easier. Even if you're brand new to using AI, this book will show you around the new tools that can produce, examine, and fix code for you. With AI, you can automate processes like code documentation, debugging, updating, and optimization. The time saved thanks to AI lets you focus on the core development tasks that make you even more valuable. Learn the secrets behind coding assistant platforms and get step-by-step instructions on how to implement them to make coding a smoother process. Thanks to AI and this Dummies guide, you'll be coding faster and better in no time.

TABLE OF CONTENTS

• Techniques and Technologies • Using AI to Write Code • Testing, Documenting, and Maintaining Your Code • The Part of Tens

9789363862692 | Pages: 336 | (Exclusive)



Artificial Intelligence For Dummies, 3ed | e

John Paul Mueller, Luca Massaron, Stephanie Diamond

ABOUT THE AUTHOR

John Paul Mueller was a long-time tech author whose credits include previous editions of this book along with Machine Learning For Dummies and Algorithms For Dummies.

Luca Massaron is a data scientist who specializes in organizing big data and transforming it into smart data. He is a Google Developer Expert (GDE) in AI and machine learning.

Stephanie Diamond is a marketing professional and author of or contributor to over two dozen books, including Digital Marketing All-in-One For Dummies and Writing AI Prompts For Dummies.

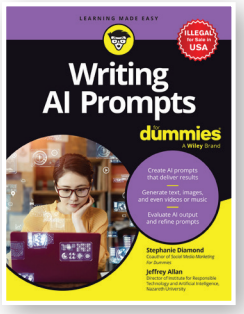
ABOUT THE BOOK

Dive into the intelligence that powers artificial intelligence Artificial intelligence is swiftly moving from a sci-fi future to a modern reality. This edition of Artificial Intelligence For Dummies keeps pace with the lighting-fast expansion of AI tools that are overhauling every corner of reality. This book demystifies how artificial intelligence systems operate, giving you a look at the inner workings of AI and explaining the important role of data in creating intelligence. You'll get a primer on using AI in everyday life, and you'll also get a glimpse into possible AI-driven futures. What's next for humanity in the age of AI? How will your job and your life change as AI continue to evolve? How can you take advantage of AI today to make your live easier? This jargon-free Dummies guide answers all your most pressing questions about the world of artificial intelligence.

TABLE OF CONTENTS

• Introducing AI • Understanding How AI Works • Recognizing How We Interact with AI Every Day • AI Applied in Industries • Getting Philosophical About AI • The Part of Tens

9789363861749 | Pages: 368 | (Exclusive)



Writing AI Prompts For Dummies | e

Stephanie Diamond, Jeffrey Allan

ABOUT THE AUTHOR

Stephanie Diamond is a marketing professional and author or coauthor of more than two dozen books, including Digital Marketing All-in-One For Dummies and Facebook Marketing For Dummies.

Jeffrey Allan is the Director of the Institute for Responsible Technology and Artificial Intelligence (IRT) at Nazareth University.

ABOUT THE BOOK

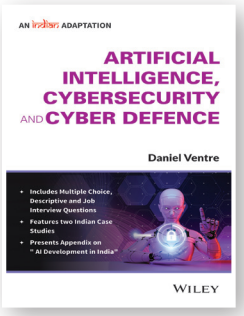
Learn the art of writing effective AI prompts and break into an exciting new career field

Unlock the full power of generative AI with Writing AI Prompts For Dummies, a comprehensive guide that will teach you how to confidently write effective AI prompts. Whether it's text, images, or even videos and music you're aiming to create, this book provides the foundational knowledge and practical strategies needed to produce impressive results.

TABLE OF CONTENTS

• Getting Started with Generative AI • Mastering the Art of Prompting • Delving into AI-Powered Business Strategies • Future-Proofing Your Career • Using AI Responsibly • The Part of Tens

9789363865426 | Pages: 288 | (Exclusive)



Artificial Intelligence, Cybersecurity and Cyber Defence, (An Indian Adaptation) | e

Daniel Ventre

ABOUT THE AUTHOR

Daniel Ventre received his PhD in Political Science from the Université de Versailles Saint-Quentin-en-Yvelines, France. He is a researcher at CESDIP (Centre de Recherche sur le Droit et les Institutions Pénales) Laboratory, France. His research focuses on cybersecurity and cyber defense policies and theories.

ABOUT THE BOOK

In this book, we will try to understand how AI has gradually been integrated into defence policies, strategies and doctrines, and, more specifically, into cybersecurity and cyber defence.

This book is structured with chapters dealing with the history of AI (history of research, with which armies are closely associated, in some states), definitions of concepts (in what terms is AI mentioned? How does the military define AI and integrate it into its discourse?), policies (national cybersecurity strategies) and AI in military affairs (military strategies for AI, concepts, doctrines, cybersecurity and cyber defence, the different players).

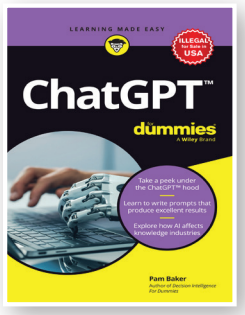
This book is a synthesis of current debates on the role of AI in defence affairs. Since AI is "cyber" by nature, this book explores one dimension of the militarization of cyberspace. Is this renewed interest in AI the starting point for a reconfiguration of cyberspace, and for a new way of thinking about cybersecurity and cyber defence issues, cyber conflict and its multiple forms and manifestations? Are we moving towards a reconsideration of convictions hitherto held about the specific characteristics of cyberspace, such as its fluidity, the impossibility of establishing borders and the difficulty of marking or defending sovereignty, the impossibility of allocating actions, and the difficulty of controlling information?

In this book, the reader will find numerous bibliographical references, (sometimes long) quotations and several summary tables, as we wanted to create a useful working tool for further developments.

TABLE OF CONTENTS

• On the Origins of Artificial Intelligence • Concepts and Discourses • Artificial Intelligence and Defence Issues

9789363867291 | Pages: 272 | ₹ 699



ChatGPT For Dummies | e

Pam Baker

ABOUT THE AUTHOR

Pam Baker is a freelance journalist who is focused on emerging tech topics like artificial intelligence, data analytics, and edge computing. She is the author of Decision Intelligence For Dummies.

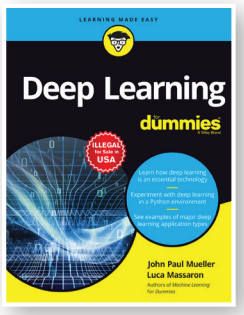
ABOUT THE BOOK

ChatGPT For Dummies demystifies the artificial intelligence tool that can answer questions, write essays, and generate just about any kind of text it's asked for. This powerful example of generative AI is widely predicted to upend education and business. In this book, you'll learn how ChatGPT works and how you can operate it in a way that yields satisfactory results. You'll also explore the ethics of using AI-generated content for various purposes. Written by a journalist who's been on the front lines of artificial intelligence for over a decade, this book dives deep into ChatGPT's potential, so you can make informed decisions—without asking ChatGPT for help.

TABLE OF CONTENTS

• Introducing ChatGPT • Discovering How ChatGPT Works • Writing Prompts for ChatGPT • Understanding GPT Models in ChatGPT • Warnings, Ethics, and Responsible AI • Probing Professional and Other Uses for ChatGPT • Working with ChatGPT in Education • Using ChatGPT in Daily Life • Recognizing the Ways ChatGPT and Generative AI Will Change the World • Ten Other Generative AI Tools to Try

9789363861633 | Pages: 176 | ₹ 849



Deep Learning For Dummies | e

John Paul Mueller, Luca Massaron

ABOUT THE AUTHOR

John Mueller is a freelance author and technical editor. He has writing in his blood, having produced 108 books and more than 600 articles to date. The topics range from networking to home security and from database management to heads-down programming. Some of his current books include AI for Dummies, Python for Data Science for Dummies, Machine Learning for Dummies, and Algorithms for Dummies, all of which require some knowledge of AI.

Luca Massaron is a data scientist specialized in organizing and interpreting big data and transforming it into smart data by means of the simplest and most effective data mining and machine learning techniques. Because of his job as a quantitative marketing consultant and marketing researcher, he has been involved in quantitative data since 2000 with different clients and in various industries.

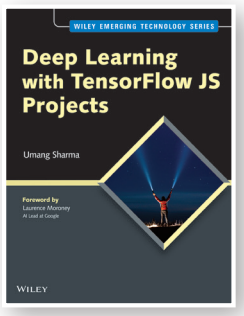
ABOUT THE BOOK

This book makes sense of those increasingly confusing algorithms, and it creates a simple and safe environment to experiment with deep learning. It develops a sense of precisely what deep learning can do at a high level and then it provides examples of the major deep learning application types. The book includes simple example code, but there is also approachable text with real world examples, and even some hands on activities. The reader learns the topic in more than one way and from more than one perspective.

TABLE OF CONTENTS

• Discovering Deep Learning • Considering Deep Learning Basics • Interacting with Deep Learning • The Part of Tens

9788126529988 | Pages: 380 | ₹ 859



Deep Learning with TensorFlow JS Projects | e

Umang Sharma

ABOUT THE AUTHOR

Umang Sharma is a Senior Data Scientist with years of experience building Deep Learning solutions in multiple areas of Computer Vision, Natural Language Processing, Reinforcement Learning, among others. He has developed some of the cutting-edge AI solutions in multiple industries such as finance, power, retail and currently works for a leading tech product firm, Tom Tom. He was a National Science Academies' Summer research fellow.

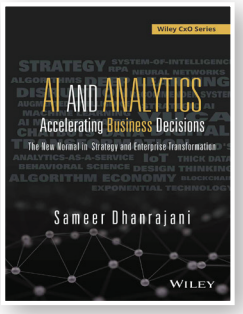
ABOUT THE BOOK

Deep Learning with TensorFlow JS Projects aims to teach Deep Learning application development with ease. This book is designed to teach both JS and Machine Learning expertly. Each chapter starts with a bit of theory on a particular Deep Learning concept and then goes on to build a full-fledged fun Web app using the same. Doing Deep Learning in production is critical for its success, and this book intends to teach that. This book can also be used to build a strong foundation of difficult DL concepts such as CNNs, RNNs, GANs, and much more.

TABLE OF CONTENTS

• Getting Started with TensorFlow JS and ML Web Apps • Creating a Web App to Perform Sentiment Analysis • Building a Self-Learning Web App to Perform Addition Using RNNs and GRU • Creating the Web App for Text Generation Using LSTM • Building Webcam-Based PacMan Game on Your Browser Using MobileNet • Building Real-Time Pose and Body Parts Detector Using PoseNet • Getting Invisible and Adding Cool Features to Images Using BodyPix • Building a Synthetic Images Generator Using GANs • Building an App to Encode, Decode, and Generate Images Using Variational Autoencoder • Building a Solution to Pole-Cart Problem Using Reinforcement Learning

9789354642401 | Pages: 268 | ₹ 999



AI and Analytics : Accelerating Business Decisions | e

Sameer Dhanrajani

ABOUT THE AUTHOR

Sameer Dhanrajani is a renowned AI and Analytics evangelist and thought leader. He has consulted with several Fortune 500 and global enterprises in driving AI and Analytics-led strategic transformation. He has won multiple industry awards as a top business leader. Sameer has a rich experience of building and scaling AI and Analytics businesses and creating significant client impact. He is currently the Chief Strategy Officer at Fractal Analytics, where he leads Fractal's strategy and transformation interventions, drives strategic investments and manages high priority growth initiatives. Prior to Fractal, Sameer was the Global Business Leader for Cognizant analytics and data sciences at Cognizant Technology Solutions, where he scaled the analytics business to be a leading market leader. He has also held leadership positions as Country Head for Fidelity National Financial and Vice President , Analytics at Genpact. Sameer is also a regular speaker at AI, Analytics and other business conferences and has been quoted across multiple business publications. He is an industry advisor and council member to multiple government forums and academic institutions. Sameer is a prolific blogger on the theme Demystifying Data analytics, Decision science & Digital.

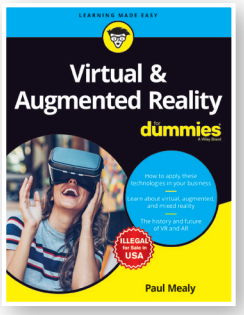
ABOUT THE BOOK

The first of its kind book in its genre, a must have primer for CxOs, executives and aspiring professionals on curating and executing AI and Analytics strategies in their enterprises for end-toend transformative impact.

TABLE OF CONTENTS

• Section 1 AI and Analytics Strategy for Business Transformation • Section 2 The CxO Strategies for AI and Analytics • Section 3 Banking Industry Transformed by AI and Analytics • Section 4 AI and Analytics in Insurance • Section 5 Redefining Healthcare and Life Sciences • Section 6 AI and Analytics in Retail • Section 7 Exponential Technologies Underpinned by Analytics and AI

9788126573035 | Pages: 384 | ₹ 799



Virtual & Augmented Reality For Dummies | e

Paul Mealy

ABOUT THE AUTHOR

Paul Mealy brings over 16 years of experience developing, managing and speaking within the interactive industry, with his primary focus on the intersection of design and technology. Mr. Mealy is currently employed as Director of Interactive at a Seattle-based interactive agency. His resume includes founding startups focused on educational mobile app development to virtual reality design and development. In addition, he has worked with virtual reality since the release of the Oculus Rift Development Kit 1 in 2013

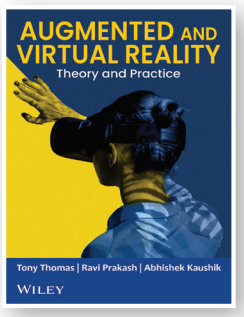
ABOUT THE BOOK

For such a large-scale technology revolution that is about to happen in the VR/AR space, there are very few books that address Virtual Reality outside of programing language specific "How to program VR applications." There is a huge market for a book that offers an easy to understand primer on Virtual Reality and Augmented Reality and how it will affect the future. Rather than focus on a specific piece of hardware (HTC Vive, Oculus Rift, iOS ARKit), or software (Unity, Unreal Engine), the book functions to offer a broad look at VR/AR/MR -- what they are, a history of the technologies, how they are being used currently, how they will affect the reader both professionally and personally in the future, and where things could go from here.

TABLE OF CONTENTS

• Getting Started with Virtual and Augmented Reality • Consuming Content in Virtual and Augmented Reality • Creating Content in Virtual and Augmented Reality • Virtual and Augmented Reality in the Wild • The Future of Virtual and Augmented Reality • The Part of Tens

9788126577071 | Pages: 356 | ₹ 849



Augmented and Virtual Reality : Theory and Practice

Tony Thomas, Ravi Prakash, Abhishek Kaushik

ABOUT THE AUTHOR

Dr. Tony Thomas serves as an Associate Professor in the School of Computer

Science and Engineering and as the Associate Dean (academic) at the Kerala University of Digital Sciences, Innovation and Technology (Digital University Kerala), India.

Mr. Ravi Prakash is a Research Associate and Ph.D. Scholar at the Kerala University of Digital Sciences, Innovation and Technology (Digital University Kerala), where his research focuses on the security of immersive technologies, particularly in the socio-industrial metaverse and healthcare digital twins.

Dr. Abhishek Kaushik is an Assistant Professor at the École Centrale School of Engineering, Mahindra University, Hyderabad. He previously served as an Assistant Professor in the School of Computer Science and Engineering at the Kerala University of Digital Sciences, Innovation and Technology (Digital University Kerala).

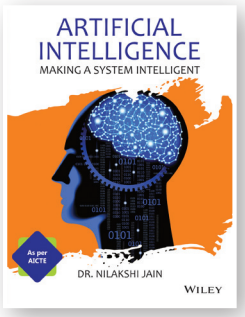
ABOUT THE BOOK

Augmented and Virtual Reality: Theory and Practice" provides a structured, in-depth exploration of immersive technologies—Augmented Reality (AR), Virtual Reality (VR), Mixed Reality (MR), and Extended Reality (XR)—bridging foundational theory with hands-on application. The book begins by introducing the fundamentals of immersive computing, including the distinction between real and virtual environments, levels of immersion, coordinate systems, and the sensory dimensions of user experience. It explores the evolution of virtual reality and its three foundational pillars—immersion, interaction, and imagination—while outlining significant milestones, challenges, and technological breakthroughs. Readers gain insights into the technical building blocks, such as rendering methods, motion tracking, depth sensing, simultaneous localization and mapping (SLAM), and gesture-based interaction techniques.

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• CHAPTER 1 Introduction • CHAPTER 2 Evolution of VR • CHAPTER 3 Concepts in Virtual Reality • CHAPTER 4 Components of VR CHAPTER 5 Components of XR • CHAPTER 6 Development Practices • CHAPTER 7 Web-based VR Development • CHAPTER 8 Mobile-based VR Development • CHAPTER 9 AR Development • CHAPTER 10 Advanced Tools • CHAPTER 11 Applications and Trends in XR • CHAPTER 12 Security, Ethical, and Legal Implications of XR • Bibliography

9789373326627 | Pages: 316 | ₹ 975



Artificial Intelligence, As per AICTE : Making a System Intelligent | e | IM

Dr. Nilakshi Jain

ABOUT THE AUTHOR

Dr. Nilakshi Jain currently serves as an Associate Professor at the Shah & Anchor Kutchhi Engineering College in the Information Technology Department, Mumbai, India. She is the Research Coordinator of SAKEC Research Cell and President of Institution Innovation Council. She is a Certified Ethical Hacker CEH (EC-Council-USA). She has a rich experience of working in the Digital Forensic field. Her areas of research include Artificial Intelligence, Human Computer Interaction, and Usability Engineering.

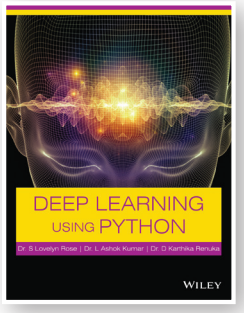
ABOUT THE BOOK

" Introduction to Artificial Intelligence • Intelligent Agents • Problem Solving • Uninformed Search Strategies • Informed Search • Adversarial Search • Constraint Satisfaction Problem • Knowledge and Reasoning • Predicate Logic • Representation Knowledge Using Rules • Planning and Learning • Uncertain Knowledge and Reasoning • Natural Language Processing • Expert System • Application • Cognitive Computing • Introduction to Soft Computing and Fuzzy Logic • Artificial Neural Network

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• Cost Accounting Has Purpose • Refresher on Cost Terms • Cost Behavior and Cost Estimation • Cost-Volume-Profit Analysis •

9788126579945 | Pages: 444 | ₹ 799



Deep Learning Using Python | e | IM

Dr. S Lovelyn Rose, Dr. L Ashok Kumar, Dr. D Karthika Renuka

ABOUT THE AUTHOR

Dr. S. Lovelyn Rose completed her PhD with Anna University, Chennai, under the faculty of Information and Communication Engineering. Her professional career of 16 years has been with PSG College of Technology. She has authored a book Data Structures, which has been very well received.

Dr. L. Ashok Kumar is presently working as a Professor and Associate HoD in the Department of EEE, PSG College of Technology. He is a recipient of the BHAVAN fellowship from the Indo-US Science and Technology Forum and SYST Fellowship from DST, Govt. of India. He has 3 years of industrial experience and 19 years of academic and research experience. He has published 187 technical papers in international and national journals and presented 197 papers in national and international conferences.

Dr. D. Karthika Renuka is working as Associate Professor in Department of Information Technology, PSG College of Technology. Her professional career of 15 years has been with PSG College of Technology.

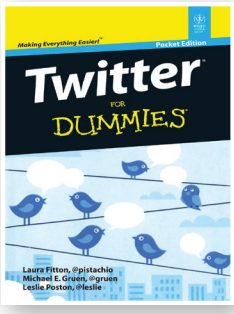
ABOUT THE BOOK

The book has been divided into seven chapters. Chapter 1 elaborately deals with the fundamentals of deep learning, to enable any reader to understand the deep learning architectures elaborated in subsequent chapters. Chapter 2 deals with Convolutional Neural Networks (CNNs), which have proven to be very effective in the area of computer vision. Chapter 3 deals with Recurrent Neural Networks (RNNs) and its variants. The various types of autoencoders, which are a type of Artificial Neural Network used to learn efficient data encoding, are presented in Chapter 4. To learn the probability distribution over the set of inputs, Restricted Boltzmann Machine (RBM) is discussed in Chapter 5. Chapter 6 presents popular open source frameworks in Python for deep learning applications. Chapter 7 describes how to utilize the knowledge that you have gained from previous chapters in real-time applications.

TABLE OF CONTENTS

• Fundamentals of Neural Networks • Convolutional Neural Network • Recurrent Neural Network: Basic Concepts • Autoencoder • Restricted Boltzmann Machine • Open-Source Frameworks for Deep Learning • Applications of Deep Learning

9788126579914 | Pages: 208 | ₹ 850



Twitter for Dummies, Pocket ed

Laura Fitton, Michael E. Gruen, Leslie Poston

ABOUT THE AUTHOR

Laura Fitton is the Inbound Marketing Evangelist for HubSpot.

Michael E. Gruen assists startup companies by using cutting-edge technologies. Leslie Poston is founder of Uptown Uncorked, a social media marketing firm.

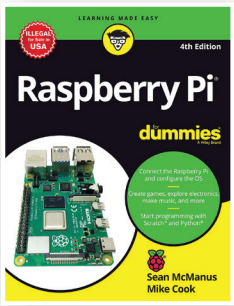
ABOUT THE BOOK

The fastest-growing social network utility sports new features, and they're all covered in this how-to guide from a leading Twitter marketing consultant. Nearly 20 million people are tweeting on Twitter, and this book shows you how to join them and why you should. You'll learn the nuts and bolts of using Twitter, how to make good connections, and how it can benefit your life and your business.

TABLE OF CONTENTS

• Introduction • Hello, Twitter World • Getting Your Tweet Wet • Flying Around the Interface • The User Multi-Face: Interacting with Twitter Every Which Way • Twitter Minus Twitter.com • Establishing Your Twitter Voice • Ten Useful Twitter-Based Services

9788126536528 | Pages: 144 | ₹ 109



Raspberry Pi For Dummies, 4ed | e

Sean McManus, Mike Cook

ABOUT THE AUTHOR

Sean McManus is an expert technology and business author. His previous books include Mission Python, Coder Academy, Cool Scratch Projects in Easy Steps, Scratch Programming in Easy Steps, and Web Design in Easy Steps. His tutorials and articles have appeared in magazines including The MagPi, Internet Magazine, Internet Works, Business 2.0, Making Music, and Personal Computer World. He has been a Code Club volunteer, helping children at a local school to learn computer programming.

Mike Cook is former lecturer in physics at Manchester Metropolitan University, he wrote more than 300 computing and electronics articles in the pages of computer magazines for 20 years starting in the 1980s. His other books include Raspberry Pi Projects, Raspberry Pi Projects for Dummies, and Arduino Music and Audio Projects. He also works with Drake Music Labs North, a charity for disabled musicians, developing accessible music equipment.

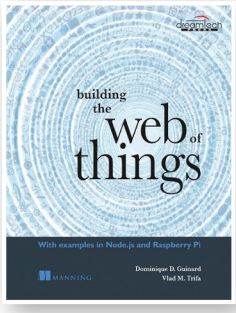
ABOUT THE BOOK

With the invention of the unique credit card-sized single-board computer comes a new wave of hardware geeks, hackers, and hobbyists who are excited about the possibilities with the Raspberry Pi and this is the perfect guide to get you started. InÂ Raspberry Pi For Dummies,Â veteran tech authors Sean McManus and Mike Cook make it easier than ever to get you up and running on your Raspberry Pi, from setting it up, downloading the operating system, and using the desktop environment to editing photos, playing music and videos, and programming with Scratch and everything in between.

TABLE OF CONTENTS

• Setting Up Your Raspberry Pi • Getting Started with Linux • Using the Raspberry Pi for Both Work and Play • Programming the Raspberry Pi • Exploring Electronics with the Raspberry Pi • The Part of Tens

9789357460422 | Pages: 512 | ₹ 959



Building the Web of Things : With Examples in Node.js and Raspberry Pi

Dominique D. Guinard, Vlad M. Trifa

ABOUT THE AUTHOR

Dominique Guinard and Vlad Trifa pioneered the Web of Things and cofounded EVRYTHNG, a large-scale IoT cloud powering billions of Web Things.

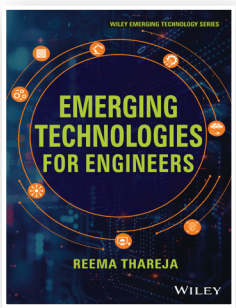
ABOUT THE BOOK

Building the Web of Things is a guide to using cutting-edge web technologies to build the IoT. This step-by-step book teaches you how to use web protocols to connect real-world devices to the web, including the Semantic and Social Webs. Along the way you'll gain vital concepts as you follow instructions for making Web of Things devices. By the end, you'll have the practical skills you need to implement your own web-connected products and services.

TABLE OF CONTENTS

• From the Internet of Things to the Web of Things • Hello, World Wide Web of Things • Node.js for the Web of Things • Getting started with embedded systems • Building networks of Things • Access: web APIs for Things • Implementing web Things • Find: describe and discover web Things • Share: securing and sharing web Things • Compose: physical mashups

9789351199397 | Pages: 344 | ₹ 899



Emerging Technologies for Engineers | e | IM

Reema Thareja

ABOUT THE AUTHOR

Reema Thareja, Assistant Professor at the School of Open Learning, University of Delhi, has 20+ years of teaching experience and is an accomplished author in computer science, covering topics like AI,

data science, and programming languages (C, C++, Python). She has published 26 papers in top journals, holds four patents, and serves as a reviewer and conference committee member. Dr. Thareja also created "Jruma," a mobile app for computer science quizzes available on Android and iOS.

ABOUT THE BOOK

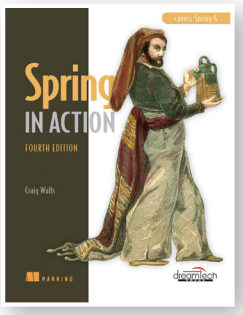
Today, technologies like AI and Cybersecurity serve as the backbone of modern industries, evolving at an extraordinary pace. Although challenges such as regulatory hurdles and market monopolies persist, innovation continues to address critical issues, enhancing rather than replacing existing solutions.

This book delves into these cutting-edge technologies and their transformative applications across various sectors. It also explores the future of these innovations, providing insights into seizing emerging opportunities and navigating associated challenges. As we enter a new digital era, understanding the potential impact of these technologies on society, the economy, and the environment is more vital than ever.

TABLE OF CONTENTS

• Artificial Intelligence (AI) • Internet of Things (IoT) • Cloud Computing • Blockchain • Digital Manufacturing • Robotics • Data Science • Cyber Security • 3D Printing and Design • Ethics and Professionalism of Emerging Technologies • Virtual Reality • Future Trends

9789363869158 | Pages: 624 | ₹ 850



Spring in Action, 4ed

Craig Walls

ABOUT THE AUTHOR

Craig Walls is a software developer at Pivotal. He's a popular author and a frequent speaker at user groups and conferences. Craig lives in Cross Roads, Texas.

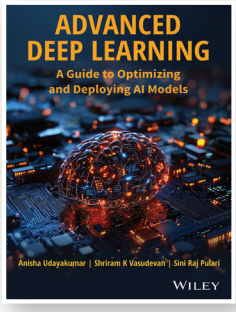
ABOUT THE BOOK

Spring in Action, Fourth Edition is a hands-on guide to the Spring Framework. It covers Spring core, along with the latest updates to Spring MVC, Security, Web Flow and more. You'll move between short snippets and an ongoing example as you learn to build simple and efficient JEE applications. Author Craig Walls has a special knack for crisp and entertaining examples that zoom in on the features and techniques you really need.

TABLE OF CONTENTS

• Part 1 Core Spring • Part 2 Spring on the Web • Part 3 Spring in the back end • Part 4 Integrating Spring

9789351197997 | Pages: 624 | ₹ 999



Advanced Deep Learning : A Guide to Optimizing | e | IM

Anisha Udayakumar, Shriram K Vasudevan, Sini Raj Pulari

ABOUT THE AUTHOR

Anisha Udayakumar is a seasoned AI advocate, software engineer, and innovation consultant with over 11 years of experience in driving AI adoption. She serves as AI Software Evangelist at Intel Corporation, playing a pivotal role in promoting Intel's AI toolkit, OpenVINO™, across the Asia-Pacific and Japan region.

Dr. Shriram K Vasudevan is a distinguished technology leader at Intel with over 18 years of experience spanning both industry and academia. He serves as Lead—Technical (GenAI and AI), APJ Software Ecosystem Enablement, Office of the CTO (OCTO) at Intel Corporation. Holding a doctorate in embedded systems, he has authored 52 books published by esteemed publishers including Taylor & Francis, Wiley, and Oxford University Press. Dr. Shriram is a Fellow of IEI and IETE and a Senior Member of IEEE. With 14 patents and over 150 research articles, he has received global recognition including prestigious awards from Harvard, Google, and various governments worldwide. His contributions have earned him an entry in the Limca Book of Records.

Prof. Sini Raj Pulari is an accomplished academic and industry professional with over 17 years of experience. She currently serves as Program Manager, BICT–Database, EDICT at Government Bahrain Technical University, The Kingdom of Bahrain.

She has authored over 30 publications, including books ""Deep Learning: A Comprehensive Guide"" and ""Machine Learning Using Intel oneAPI"" (CRC Press). Prof. Sini has mentored more than 50 UG and PG students and holds multiple prestigious certifications including Apple Certified Trainer, SCJP, Oracle Certified Associate, and Intel® Certified Instructor.

ABOUT THE BOOK

Advanced Deep Learning is a comprehensive guide for students, researchers, and professionals seeking to master the optimization and deployment of AI models. The book covers foundational concepts, advanced architectures (CNNs, RNNs, LSTMs, Transformers), practical applications (vision, NLP, GenAI), and real-world deployment challenges. It provides hands-on tutorials for model optimization (compression, quantization, pruning, knowledge distillation), hardware-aware deployment (CPUs, GPUs, NPUs, AI PCs), and industry best practices using frameworks like TensorFlow, PyTorch, and Intel OpenVINO™.

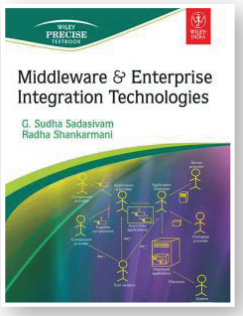
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• Chapter 1 The Introduction • Overview of AI, ML, and Deep Learning • Global AI Market and Impact • Transformative Power of AI Across Industries • Foundational Concepts of AI and DL • Key Applications of AI Enabled by Deep Learning • Chapter 2 Core Architectures in Deep Learning • The Biological Neuron • Convolutional Neural Networks (CNNs) • Recurrent Neural Networks (RNNs) • Long Short-Term Memory (LSTM) • Transfer Learning • PyTorch and TensorFlow Frameworks • Chapter 3 Practical Applications of Deep Learning • Computer Vision Applications • Natural Language Processing • Generative AI Applications • Chapter 4 Challenges in Deploying Deep Learning Models • AI Deployment Lifecycle • Performance Bottlenecks • Resource Constraints and

Scalability • Ethical Considerations and Explainable AI • Chapter 5 Introduction to Deep Learning Optimization • Model Compression Strategies • Quantization Methods • Weight Compression for Large Language Models • Chapter 6 Tools and Techniques for Deep Learning Optimization • Using TensorFlow and PyTorch for Optimization • Practical Guide to Model Optimization • Fine-Tuning Models for Performance • Chapter 7 Getting Started with OpenVINO™ • Introduction to OpenVINO™ • Installation and Setup • Model Conversion and Optimization Tools • Chapter 8 Optimizing Deep Learning Models with OpenVINO™ • Compression and Quantization Techniques • Performance Improvement Strategies • Hands-On Optimization Tutorials • Chapter 9 Deploying AI Across Devices • Hardware-Aware Deployment (CPUs, GPUs, NPUs) • AI PC: Concepts and Implementation • Cross-Platform Deployment Strategies • Chapter 10 Real-World Deep Learning Use Cases • Industry Best Practices • Integration with AI Tools and Libraries • Developer Resources and Community Support • List of Abbreviations and AI Standards included

9789370606975 | Pages: 296 | ₹ 999

ENTERPRISE SOFTWARE



Middleware & Enterprise Integration Technologies | e | IM

G. Sudha Sadasivam, Radha Shankarmani

ABOUT THE AUTHOR

G. Sudha Sadasivam is working as a Professor in Department of Computer Science and Engineering in PSG College of Technology, Coimbatore.

Radha Shankarmani is currently working as an Assistant Professor at the Department of Information Technology, Sardar Patel Institute of Technology, Mumbai. She is also presently pursuing her Doctorate from JNTU, Hyderabad.

ABOUT THE BOOK

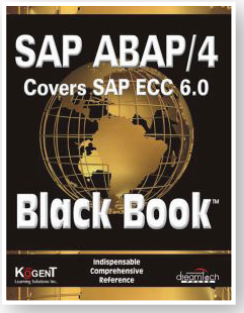
This book gives an overview of the technologies used for enterprise application integration. It ventures to make your understanding easier by taking you from what you know to what you need to know. It covers all the aspects of middleware. It introduces its readers to basic concepts of middleware, state-of-art middleware technologies and middleware services. Sample programs to work on different object middleware technologies like RMI, CORBA, DCOM and EJB are also provided in this book. This book is beneficial for all IT professionals and students.

TABLE OF CONTENTS

• Syllabus Map • Introduction to Distributed Object Technology • Introduction to Middleware Technologies • EJB Architecture • EJB Applications • CORBA • Advanced CORBA • COM and .NET • SOA Fundamental • Web Services Technologies • Programming Examples in RMI, COM and CORBA • Appendix • Frequently Asked Questions

9788126522903 | Pages: 428 | ₹ 967

ERP



SAP ABAP / 4 (Covers SAP ECC 6.0) Black Book | e

Kogent Learning Solutions Inc.

ABOUT THE AUTHOR

The proficient team at Kogent Learning Solutions Inc. and Dreamtech Press has seized the market of computer books bringing excellent content in software development to the fore. The team is committed to excellence in the quality of content, excellence in the dedication of its authors and editors, excellence in the attention to detail, and excellence in understanding the needs of the readers.

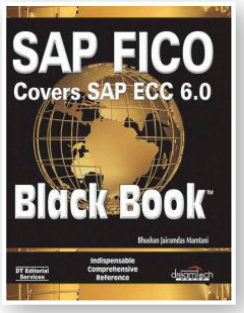
ABOUT THE BOOK

SAP ABAP/4 Black Book (2009 Edition) presents a detailed discussion on working with ABAP using the mySAP ERP system. Targeting intermediate and advanced level readers, this book provides comprehensive content on the various concepts of the SAP ABAP technology. Hundreds of topics are discussed theoretically as well as practically in different chapters of the book. The book covers SAP R/3 release, the functionalities of ABAP/4 language, various tools to develop ABAP programs in SAP, Data Access in SAP system, System Architecture and System Administration.

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• A Gateway to SAP • The Logon Process of the SAP System • SAP Easy Access • Understanding ABAP Workbench • ABAP Dictionary • ABAP Programming in ABAP editor • Internal Tables • Accessing Data in the SAP System • Modularization Techniques • ABAP User Dialogs • The BDC and LSMW Tools • Forms in SAP: SAP script and SAP Smart Forms • Reports • Business Add-Ins

9788177224290 | Pages: 696 | ₹ 899



SAP FICO (Covers SAP ECC 6.0) Black Book | e

Bhushan Jairamdas Mamtani

ABOUT THE AUTHOR

Bhushan J Mamtani is a Qualified Chartered Accountant (i.e. member of Institute of Chartered Accountants of India) and SAP FICO consultant with over 10 years of techno functional experience in the areas of Financial Accounting, IFRS, Cost Analysis, System Design and Auditing having exposure to Multiple ERP systems like SAP, MS Dynamics Navision and FACT. He has independently developed Digital Accountant a general purpose Financial Accounting cum Inventory Package. He has worked as a consultant with Big Four Consulting Firm Deloitte and as Module Lead with Reliance - ADAG. He has been instrumental in designing the costing system of Pyro-Processing cement plant.

The proficient team at Kogent Learning Solutions Inc. and Dreamtech Press has seized the market of computer books bringing excellent content in software development to the fore. The team

is committed to excellence-excellence in quality of content, excellence in the dedication of its authors and editors, excellence in the attention to detail, and excellence in understanding the needs of its readers.

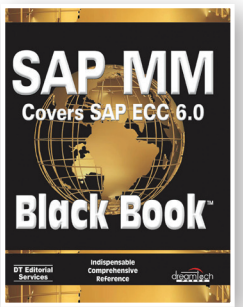
ABOUT THE BOOK

This book, SAP FICO Black Book, brings to you a simple to the point non-technical jargon free discussion on SAP FICO along with comprehensive real life examples based on authors real life implementations. One of the first FICO books which cover business cycles rather than plain technical configuration. Targeting intermediate and advanced-level readers, this book discusses Implementation Tools; Enterprise Structure; New GL Configuration; Online Document Splitting; AR; AP; AA; Bank accounting; Integration of FI with Other Modules; Business Processes; Controlling; Cost Center Accounting; Product Costing; Material Ledger Configuration and Profit Center Accounting.

TABLE OF CONTENTS

• Introduction • Basic Concepts of SAP System • Implementation Tools • Introduction to SAP Finance and Controlling Modules • Enterprise Structure • SAP FI GL • New GL • SAP AR, AP & Bank Accounting • Integration • Business Processes • Asset Accounting • Controlling AKA Management Accounting • SAP Cost Center Accounting • SAP Product Costing & Material Ledger Configuration • SAP Profit Center Accounting • In Action • Appendix A: Useful Configuration TCodes • Appendix B: Real Life SAP FICO Project Plan • Appendix C: Real Life SAP FICO Blueprint Document • Appendix D: FICO Interview Questions

9788177229448 | Pages: 632 | ₹ 1199



SAP MM (Covers SAP ECC 6.0) Black Book | e

Kogent Learning Solutions Inc.

ABOUT THE AUTHOR

The proficient team at Kogent Learning Solutions Inc. and Dreamtech Press has seized the market of computer books bringing excellent content in software development to the fore. The team is committed to excellence in quality of content, excellence in the dedication of its authors and editors, excellence in the attention to detail, and excellence in understanding the needs of their readers.

ABOUT THE BOOK

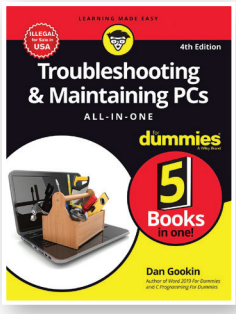
This book, SAP MM Black Book brings to you a detailed discussion on working with the Materials Management (MM) module using the mySAP ERP system. Targeting intermediate and advanced level readers, this book discusses the evolution of the mySAP ERP system, organizational structure of an enterprise in the SAP system the role of the MM module in the SAP world concepts of enterprise structure and master data in the MM module implementation of purchasing and procurement processes in the MM module process of implementation of procurement cycle and invoice verification, inventory management, material requirement planning and inventory valuation.

TABLE OF CONTENTS

• Introducing the SAP MM Module • Working with Organizational Structure • Classifying Materials in MM • Working with Master Data in the MM Module • Implementing Purchasing Process in the MM Module • Implementing Material Requirement Planning • Implementing the Inventory Management Process in MM • Implementing the Invoice Verification Process • Implementing Inventory Valuation Process in MM

9788177223804 | Pages: 572 | ₹ 899

HARDWARE



Troubleshooting & Maintaining PCs All-in-One For Dummies, 4ed | e

Dan Gookin

ABOUT THE AUTHOR

Dan Gookin wrote the very first For Dummies book in 1991. The author of several bestsellers, Dan enjoys worldwide success with books that have been translated into 32 languages and have more than 11 million copies in print. Dan is the bestselling author of Samsung Galaxy Tabs For Dummies, Nexus Tablets For Dummies, Android Tablets For Dummies, 4th Edition, and Android Phones For Dummies, 4th Edition.

ABOUT THE BOOK

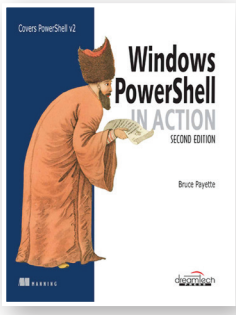
Troubleshooting & Maintaining PCs All-in-One For Dummies offers 5 books in 1 and takes the pain out of wading through those incomprehensible manuals, or waiting for a high-priced geek to show up days or weeks after you need them. Arming you with everything you need to get that pesky PC working for you ASAP, this handy guide walks you through all the steps to diagnosing and restoring whatever's making your PC go rogue so you can get back to making it work for you.

TABLE OF CONTENTS

• Solve My Problem Now! • O, We Got Trouble! • Tools to Use • PC Privacy and Security • This Old PC

9789357460392 | Pages: 464 | ₹ 959

HUMANITIES



PowerShell in Action, 2ed

Bruce Payette

ABOUT THE AUTHOR

Bruce Payette is a founding member of the PowerShell team at Microsoft. He is codesigner and principal author of the PowerShell language.

ABOUT THE BOOK

This expanded, revised, and updated Second Edition preserves the original's crystal-clear introduction to PowerShell and adds extensive coverage of v2 features such as advanced functions, modules and remoting. It includes full chapters on these topics and also covers new language elements and operators, events, Web Services for Management and

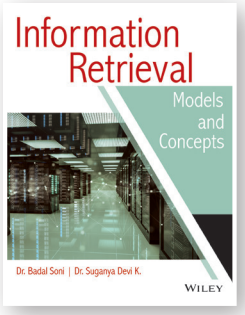
the PowerShell Integrated Scripting Environment. The First Edition's coverage of batch scripting and string processing, COM, WMI, and .NET have all been significantly revised and expanded. The book includes many popular usage scenarios and is rich in interesting examples that will spark your imagination. This is the definitive book on PowerShell v2!

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• Cost Accounting Has Purpose • Refresher on Cost Terms • Cost Behavior and Cost Estimation • Cost-Volume-Profit Analysis •

9789350040690 | Pages: 1016 | ₹ 649

INFORMATION SYSTEMS



Information Retrieval : Models and Concepts | e

Dr. Badal Soni, Dr. Suganya Devi K.

ABOUT THE AUTHOR

Dr. Badal Soni is currently working as Assistant Professor in the Department of Computer Engineering, National Institute of Technology Silchar, India. All his degrees are in Computer Science and Engineering. He has over 8 years of teaching and research experience in the area of Computer Science and Information Technology with special interest in Computer Graphics, Image Processing, Speech and Language Processing.

Dr. Suganya Devi K. is presently working as Assistant Professor in the Department of Computer Engineering, National Institute of Technology Silchar, India. Apart from holding various administrative responsibilities, she has organized several academic programs over the years. Besides being awarded with various awards and laurels, she has attended many seminars, FDPs, etc. She has 18 international publications to her credit and has given 15 presentations in international conferences.

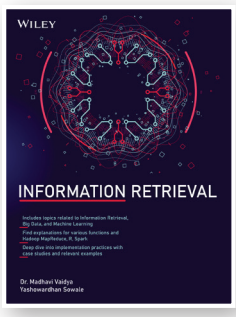
ABOUT THE BOOK

Information Retrieval Models and Concepts is a comprehensive book that educates on both the fundamental ideas and the rapidly expanding reach of Information Retrieval (IR) as a field. It presents an introduction to the fundamental topics underlying modern search technologies. This book includes algorithms, different data structures, indexing techniques, retrieval, and evaluation parameters. It addresses all kinds of concepts, algorithms-related IR for research purposes, especially in the Web search engine domain.

TABLE OF CONTENTS

" Fundamental of Information Retrieval • Information Retrieval Evaluation • Boolean Information Retrieval Model • Vector Space Information Retrieval Model • Probabilistic Information Retrieval Model • Language Models for Information Retrieval • Classification and Clustering in Information Retrieval • Text Summarization • Content-based Image Retrieval • Multimedia Information Retrieval • Web Search Engine • Relevance Feedback • Question Answering • XML Retrieval

9789354246791 | Pages: 252 | ₹ 699



Information Retrieval | e

Dr. Madhavi Vaidya, Yashowardhan Sowale

ABOUT THE AUTHOR

Dr. Madhavi Vaidya is an experienced and qualified academician and a researcher with a demonstrated history of working in the education management industry skilled in various programming languages. Dr. Madhavi has understanding and knowledge of various programming and database technologies, Data Analytics, Information Retrieval, Software Engineering and Project Management.

Yashowardhan Sowale is a senior business and technology leader. He is currently working at Capgemini as Vice President in the Insights and Data division. He heads the Enterprise Architecture center of excellence and is also India domain leader for Artificial Intelligence. He has extensive knowledge on Software Engineering, SOA, BPM, Cloud, Enterprise and Solution Architecture, Big Data, Machine Learning and Deep Learning.

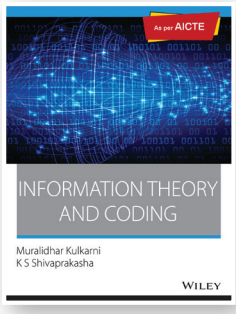
ABOUT THE BOOK

Information Retrieval is the science of finding specific information in a document. Many techniques are now available for Information Retrieval. This book covers the various ranking Algorithms, along with their explanation in relation to Natural Language Processing. The book covers the latest aspects of the design and implementation of information retrieval systems for gathering, indexing, searching documents and methods for evaluating different techniques.

TABLE OF CONTENTS

• Boolean Retrieval • Tokenization And Tolerant Retrieval • Ranking Algorithms • Introduction To Big Data • Distributed And Parallel Computing For Big Data • Hadoop Ecosystem And Big Data Processing • Parallel And Distributed Ir • Searching The Web • Introduction To Machine Learning

9789354249419 | ₹ 1011



Information Theory and Coding, As per AICTE | e

Muralidhar Kulkarni, K S Shivaprakasha

ABOUT THE AUTHOR

Muralidhar Kulkarni is currently Professor in the department of Electronics and Communication Engineering (ECE), National Institute of Technology Karnataka (NITK), Surathkal, Karnataka. He has also served as Head, Department of Information Technology, Delhi; Head, Computer Center, Delhi College of Engineering, Delhi; and Lecturer (Electronics Engineering) in the Electrical Engineering Department, University Visvesvaraya College of Engineering, Bangalore.

K S Shivaprakasha is currently Associate Professor in the Department of Electronics and Communication Engineering, Bahubali College of Engineering, Shravanabelagola, Karnataka. He has a teaching experience of 10 years and his areas of research interest include Wireless Sensor Networks, Mobile Ad Hoc Networks, Information Coding

Theory and Cryptography. He has published more than 20 papers in reputed international/national journals and conferences.

ABOUT THE BOOK

The book provides a comprehensive treatment of Information Theory and Coding as required for understanding and appreciating the basic concepts. It starts with the mathematical prerequisites and then uncovers major topics by way of different chapters on Information Theory, Source Coding, Communication Channels, Error Control Codes, Burst Errors, Convolution Codes and also a brief chapter on Cryptography. The book emphasises on theoretical concepts and problem solving.

TABLE OF CONTENTS

• Mathematical Prerequisite • Information Theory • Source Coding • Information Channels • Error Control Coding • Burst Error Correcting Codes • Convolution Codes • Cryptography and Information Security

9788126509096 | Pages: 368 | ₹ 802



Python in Excel Step by Step

David Langer

ABOUT THE AUTHOR

David Langer is an Excel trainer, Microsoft Excel MVP, LinkedIn Top Voice (136k followers), and YouTuber who has successfully taught thousands of professionals real-world data science skills. As Microsoft continues to integrate Python into Excel, David's mission is to empower millions of Excel users with DIY data science skills. Based in Bozeman, MT, he regularly contributes to Anaconda.com and hosts a successful YouTube channel, DaveOnData, with 76,000 subscribers.

ABOUT THE BOOK

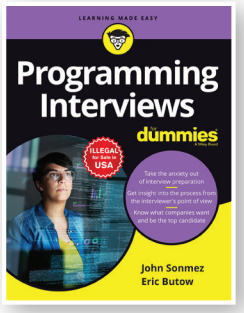
This book is designed to help professionals who use Excel for data analysis tap into the advanced capabilities of Python, a powerful tool for data science. By learning Python in the context of Excel, readers will be able to perform more complex analyses, build scalable models, and future-proof their data skills in an increasingly Python-driven world.

TABLE OF CONTENTS

• CHAPTER 1: INTRODUCING PYTHON IN EXCEL • CHAPTER 2: DATA TYPES • CHAPTER 3: DATA STRUCTURES • CHAPTER 4: CONTROL FLOW AND LOOPS • CHAPTER 5: FUNCTIONS • CHAPTER 6: DATA TABLE FUNDAMENTALS • CHAPTER 7: WORKING WITH COLUMNS • CHAPTER 8: WORKING WITH DATA TABLES • CHAPTER 9: DATA VISUALIZATION • CHAPTER 10: YOUR DIY DATA SCIENCE ROADMAP

9789377068295 | Pages: 274 | ₹ 1099

INTERVIEW PREP



Programming Interviews for Dummies | e

John Sonmez, Eric Butow

ABOUT THE AUTHOR

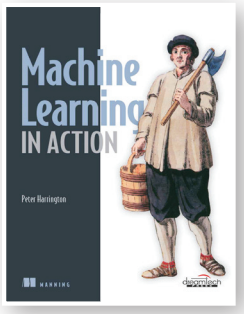
Erik D. Jones is CEO of Jacobian Engineering in Oakland, California. Jacobian Engineering is an information security company that provides managed services in security, IT, and compliance program management in addition to audit testing, training, and forensics. For the past 27 years, Erik has been working in technology as an IT and software engineer, aerospace engineer, and security expert. Eric Butow is the owner of Butow Communications Group (BCG). BCG offers online marketing ROI improvement services for businesses.

ABOUT THE BOOK

Programming Interviews For Dummies will tell you not only the topics and problems you need to know to ace the programming test, but also the interview(s) with other people in the company...and do so under pressure. Additionally, This book will also talk about creating interviews from the interviewer's point of view that will not only help companies prepare to interview programmers but help programmer candidates understand what companies are looking for.

9788126562008 | Pages: 280 | ₹ 429

MACHINE LEARNING



Machine Learning in Action

Peter Harrington

ABOUT THE AUTHOR

Peter Harrington holds Bachelors and Masters Degrees in Electrical Engineering. He worked for Intel Corporation for seven years in California and China. Peter hold four US patents and his work has been published in two academic journals. He is actively involved with research on community detection and runs a software consulting business that focuses on scientific computing solutions.

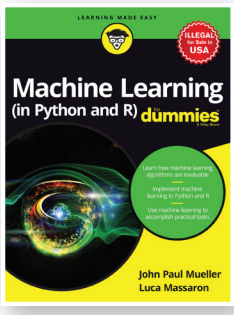
ABOUT THE BOOK

Machine Learning in Action" is a unique book that blends the foundational theories of machine learning with the practical realities of building tools for everyday data analysis. In it, you will use the flexible Python programming language to build programs that implement algorithms for data classification, forecasting, recommendations, and higher-level features like summarization and simplification. As you work through the numerous examples, you will explore key topics like classification, numeric prediction, and clustering. Along the way, you will be introduced to important established algorithms, such as Apriori, through which you identify association patterns in large datasets and Adaboost, a meta-algorithm that can increase the efficiency of many machine learning tasks. This book is written for hobbyists and developers. A background in Java is helpful-no prior experience with Android is assumed.

TABLE OF CONTENTS

• Part 1- Classification • Part 2- Forecasting Numeric Values With Regression • Part 3- Unsupervised Learning • Part 4- Additional Tools

9789350044131 | Pages: 380 | ₹ 919



Machine Learning (in Python and R) For Dummies | e

John Paul Mueller, Luca Massaron

ABOUT THE AUTHOR

John Mueller is a freelance author and technical editor. He has writing in his blood, having produced 99 books and more than 600 articles to date. The topics range from networking to home security and from database management to heads-down programming. During his time at Cubic Corporation, John was exposed to reliability engineering and has had a continued interest in probability ever since.

Luca Massaron is a data scientist specialized in organizing and interpreting big data and transforming it into smart data by means of the simplest and most effective data mining and machine learning techniques. Because of his job as a quantitative marketing consultant and marketing researcher, he has been involved in quantitative data since 2000 with different clients and in various industries.

ABOUT THE BOOK

Machine learning can be a mind-boggling concept for the masses, but those who are in the trenches of computer programming know just how invaluable it is. Without machine learning, fraud detection, web search results, real-time ads on web pages, credit scoring, automation and email spam filtering wouldn't be possible and this is only showcasing just a few of its capabilities. Written by two data science experts, Machine Learning For Dummies offers a much-needed entry point for anyone looking to use machine learning to accomplish practical tasks.

9788126563050 | Pages: 432 | ₹ 909



Pattern Recognition, 2ed, An Indian Adaptation | e | IM

Richard O. Duda, Peter E. Hard, David G. Stork

ABOUT THE AUTHOR

Richard O. Duda is Professor in the Electrical Engineering Department at San Jose State University, San Jose, California.

Peter E. Hart is Chief Executive Officer and President of Ricoh Innovations, Inc. in Menlo Park, California.

David G. Stork is Chief Scientist, also at Ricoh Innovations, Inc.

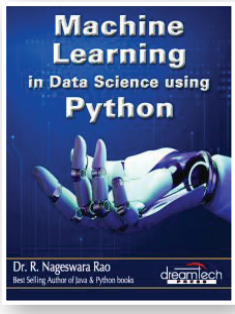
ABOUT THE BOOK

Pattern Recognition is a classic reference in the field which has been an invaluable resource preferred by students, academics, researchers, and other interested readers for more than four decades. Starting with the introductory concepts of pattern classification, the book lays the theoretical foundations of Bayesian decision theory and then focuses on key topics such as parameter estimation, discriminant analysis, neural networks, and nonmetric methods. It finally covers machine learning, unsupervised learning, and different clustering techniques. The book incorporates a host of pedagogical features, including worked examples, extensive graphics, expanded exercises, and computer project topics.

TABLE OF CONTENTS

• Introduction to Pattern Recognition • Bayesian Decision Theory • Maximum-Likelihood and Bayesian Parameter Estimation • Nonparametric Techniques • Linear Discriminant Functions • Artificial Neural Networks • Nonmetric Methods • Algorithm-Independent Machine Learning • Unsupervised Learning and Clustering

9789354244391 | Pages: 496 | ₹ 899



Machine Learning in Data Science Using Python | e

Dr. R. Nageswara Rao

ABOUT THE AUTHOR

Dr. R Nageswara Rao, the author of the best sellers 'Core Python Programming' and 'Core Java – an integrated approach' comes out with this remarkable new book to fulfill the needs of students and professionals in Machine Learning and Data Science. Dr R Nageswara Rao started his teaching career in 1993 as HOD, Dept of Computers under Andhra and Osmania Universities. He worked as a Project Manager and shifted to teaching C, C++ and then Java for more than 2,00,000+ students at Ameerpet, Hyderabad.

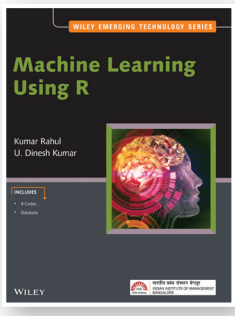
ABOUT THE BOOK

This book is useful for students and IT professionals who want to make their career in the field of Machine Learning and Data Science.

TABLE OF CONTENTS

• Python for Machine Learning and Data Science • Machine Learning in Data Science • Deep Learning and AI in Data Science

9789391540463 | Pages: 956 | ₹ 999



Machine Learning Using R | e | IM

Kumar Rahul, U. Dinesh Kumar

ABOUT THE AUTHOR

Kumar Rahul is an Engineering graduate from National Institute of Technology, Jaipur, and an alumnus of Indian Institute of Management Bangalore (IIMB). His professional career spans more than 16 years in the corporate and academic fields. Rahul is passionate about exploring data using a variety of tools and techniques. He has worked with companies like Satyam Computers, Nokia Siemens, and Deloitte Consulting and has also been a founding member of a few start-ups.

Dr. U. Dinesh Kumar is a Professor of Decision Sciences at IIM Bangalore and Chairperson of MBA (Business Analytics). He is also the IIMB Chair of Excellence since January 2020. Dr. Dinesh Kumar has over 25 years of teaching and research experience. He has published more than 70 research articles in leading academic journals. Forty of his case studies on Business Analytics based on Indian and multinational organizations have been published at the Harvard Business Publishing's (HBP) case portal. Nine of his case studies are best sellers at HBP.

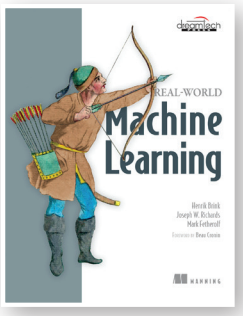
ABOUT THE BOOK

Machine Learning Using R aims to make ML concepts and model development using R simpler for students and practitioners. This book covers the theoretical concepts behind ML algorithms and illustrates use of R for developing ML models using datasets from customer relationship management, healthcare, finance, human resource management, social media, and sports. The book discusses challenges and remedies in building machine learning models using several real-life cases which the authors have worked upon as a part of consulting engagements.

TABLE OF CONTENTS

• Machine Learning and R • Data Preprocessing • Data Visualization • Probability and Distributions • Supervised Learning Algorithm: Linear Regression • Classification Problems • Advanced Machine Learning • Ensemble Methods • Text Analytics

9789354246111 | Pages: 452 | ₹ 999



Real-World Machine Learning

Henrik Brink, Joseph W. Richards, Mark-Fetherolf, Beau Cronin

ABOUT THE AUTHOR

Henrik Brink, Joseph Richards and Mark Fetherolf are experienced data scientists engaged in the daily practice of machine learning.

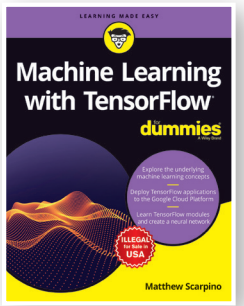
ABOUT THE BOOK

Machine learning systems help you find valuable insights and patters in data which you had never recognized in the traditional methods. In the real world, ML techniques give you a way to identify trends, forecast behavior and make fact-based recommendations. It's a hot and growing field and up-to speed ML developers are in demand. Real-World Machine Learning will teach you the concepts and techniques you need to be a successful machine learning practitioner without overdosing you on abstract theory and complex mathematics. By working through immediately relevant examples in Python, you'll build skills in data acquisition and modelling, classification and regression.

TABLE OF CONTENTS

• What is machine learning? • Real-world data • Modeling and prediction • Model evaluation and optimization • Basic feature engineering • Example: NYC taxi data • Advanced feature engineering • Advanced NLP example: movie review sentiment • Scaling machine-learning workflows • Example: digital display advertising

9789351199496 | Pages: 264 | ₹ 799



Machine learning with TensorFlow For Dummies | e

Matthew Scarpino

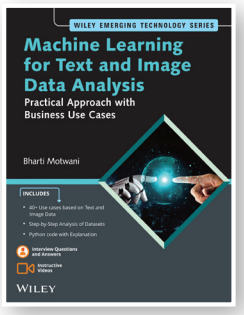
ABOUT THE AUTHOR

Matthew Scarpino is a programmer and engineer with over fourteen years of experience, and the author of several books covering various technology topics. He has worked extensively with machine learning algorithms on Android devices, particularly involving financial analysis and image recognition.

ABOUT THE BOOK

Machine learning has become ubiquitous in modern society, and its applications include language translation, robotics, handwriting analysis, financial prediction, and image recognition. TensorFlow is Google's preeminent toolset for machine learning, and this hands-on guide makes it easy to understand, even for those without a background in artificial intelligence.

9788126575732 | Pages: 360 | ₹ 849



Machine Learning for Text and Image Data Analysis : Practical Approach with Business Use Cases | e | IM

Bharti Motwani

ABOUT THE AUTHOR

Dr. Bharti Motwani has over 25 years of experience in teaching, corporate, research, and consultancy in a variety of contexts. She is an analytical professional, IT and analytics consultant, result-driven and articulate academician who can think out of the box, who loves to innovate and engage in new challenges. She is an author of many books related to data analytics with Wiley Publishers including Data Analytics With R, HR Analytics: Practical Approach Using Python and Data Analytics Using Python. Her books are accepted as textbooks in IIM and other premium institutions.

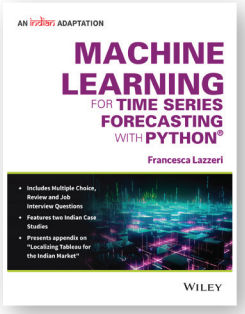
ABOUT THE BOOK

Machine Learning for Text and Image Data Analysis: Practical Approach with Business Use Cases enables readers gain sufficient knowledge and experience to perform analysis for text and image data using different machine learning techniques available in Python. The objective is to explain the concepts and to simultaneously develop in readers an understanding of its application with case-based methodology. The book attempts to provide more meaningful and easier learning experience, it has been written with more interesting and relevant real-life examples.

TABLE OF CONTENTS

• Introduction to Text and Image Data Analysis • Unsupervised Machine Learning for Text and Image Data Analysis • Supervised Machine Learning for Text and Image Data Analysis • Deep Learning for Text and Image Data Analysis

9789354643606 | Pages: 828 | ₹ 1169



Machine Learning for Time Series Forecasting with Python (An Indian Adaptation) | e | IM

Francesca Lazzeri

ABOUT THE AUTHOR

Francesca Lazzeri, PhD, is an experienced scientist and machine learning practitioner with over a decade of both academic and industry experience. She currently leads an international team of cloud AI advocates and developers at Microsoft, managing a large portfolio of customers and building intelligent automated solutions on the cloud.

Francesca is an expert in big data technology innovations and the applications of machine learning–based solutions to real-world problems.

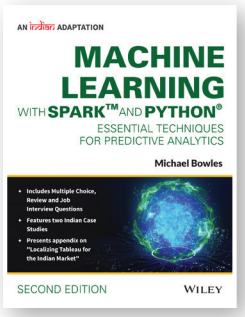
ABOUT THE BOOK

This book helps students develop the critical thinking skill set need"Machine Learning for Time Series Forecasting with Python is full real-world examples, resources, and concrete strategies to help readers explore and transform data and develop usable, practical time series forecasts. This book is perfect for entry-level data scientists, business analysts, developers, and researchers. This book offers a comprehensive introduction to the core concepts, terminology, approaches, and applications of machine learning and deep learning for time series forecasting: understanding these principles leads to more flexible and successful time series applications.

TABLE OF CONTENTS

• Overview of Time Series Forecasting • How to Design an End-to-End Time Series Forecasting Solution on the Cloud • Time Series Data Preparation • Introduction to Autoregressive and Automated Methods for Time Series Forecasting • Introduction to Neural Networks for Time Series Forecasting • Model Deployment for Time Series Forecasting

9789363866249 | Pages: 252 | ₹ 677



Machine Learning with Spark and Python, 2ed (An Indian Adaptation) : Essential Techniques for Predictive Analytics | e | IM

Michael Bowles

ABOUT THE AUTHOR

Dr. Michael Bowles (Mike) holds bachelor's and master's degrees in mechanical engineering, an ScD in instrumentation, and an MBA. He has worked in academia, technology, and business. Mike currently works with companies where artificial intelligence or machine learning are integral to success. He serves variously as part of the management team, a consultant, or advisor. He also teaches machine learning courses at UC Berkeley and Hacker Dojo, a co-working space and startup incubator in Mountain View, CA.

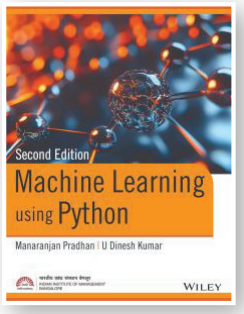
ABOUT THE BOOK

Machine Learning with Spark and Python: Essential Techniques for Predictive Analytics, Second Edition Unlock the power of machine learning with Spark and Python in this updated second edition, designed for practical, real-world applications. This edition introduces Apache Spark, a powerful framework that simplifies processing of large data sets for faster,. With easy-to-follow examples, you'll learn how to implement two key machine learning algorithms using Python code—without needing advanced programming skills. Ideal for students and professionals looking to master ML techniques and boost their data science expertise.

TABLE OF CONTENTS

• The Two Essential Algorithms for Making Predictions • Understand the Problem by Understanding the Data • Predictive Model Building: Balancing Performance, Complexity, and Big Data • Penalized Linear Regression • Building Predictive Models Using Penalized Linear Methods • Ensemble Methods • Building Ensemble Models with Python

9789363861817 | Pages: 394 | ₹ 792



Machine Learning using Python, 2ed | e | IM

Manaranjan Pradhan, U Dinesh Kumar

ABOUT THE AUTHOR

Manaranjan Pradhan is an alumnus of the Indian Institute of Management Bangalore.

U. Dinesh Kumar is a Professor of Decision Sciences at the Indian Institute of Management Bangalore.

ABOUT THE BOOK

"Machine Learning using Python offers a comprehensive foundation in machine learning, blending theoretical concepts with practical applications. It is ideal for beginners and aspiring professionals, covering all essential topics to build a strong foundation in machine learning. The book begins with python language basics, statistics, probability, and exploratory data analysis, and then progresses to supervised learning techniques like linear and logistic regressions, decision trees, KNN, SVM, random forests, boosting, stacking, recommender systems, and text analytics. It also explores unsupervised learning techniques such as clustering, anomaly detection, and dimensionality reduction.

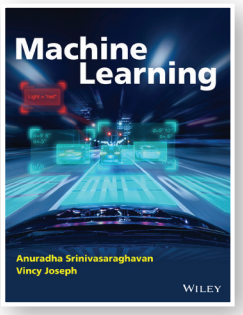
The book also addresses advanced topics like ML explainability and MLOps, including model interpretation, deployment, and monitoring. Each chapter includes real-world use cases and step-by-step Python implementations using libraries like Pandas, NumPy, Matplotlib, Seaborn, and Sci kit-learn. The content reflects over 15 years of teaching experience of the authors in institutions like IIM Bangalore and ISB Hyderabad.

TABLE OF CONTENTS

• 1 INTRODUCTION TO MACHINE LEARNING • 1.1 Introduction to Analytics and Machine Learning • 1.2 Why Machine Learning? • 1.3 Framework for Developing Machine Learning Models • 1.4 Why Python? • 1.5 Python Stack for Machine Learning • 1.6 Getting Started with Anaconda Platform • 1.7 Introduction to Python •

Further Reading • References • • 2 EXPLORATORY DATA ANALYSIS • 2.1 Working with DataFrames in Python • 2.2 Handling Missing Values • 2.3 Exploration of Data Using Visualization • 2.4 Cross Tabulation and Heatmap • Conclusion • Exercises • References • • 3 PROBABILITY AND STATISTICS • 3.1 Overview • 3.2 Probability Theory – Terminology • 3.3 Random Variables • 3.4 Binomial Distribution • 3.5 Poisson Distribution • 3.6 Exponential Distribution • 3.7 Normal Distribution • 3.8 Central Limit Theorem • 3.9 Hypothesis Test • 3.10 Analysis of Variance (ANOVA) • Conclusion • Exercises • References • • 4 REGRESSION • 4.1 Simple Linear Regression • 4.2 Steps in Building a Regression Model • 4.3 Building Simple Linear Regression Model • 4.4 Model Diagnostics • 4.5 Multiple Linear Regression • Conclusion • Exercises • References • • 5 CLASSIFICATION • 5.1 Classification Overview • 5.2 Binary Logistic Regression • 5.3 Credit Classification • 5.4 Gain Chart and Lift Chart • 5.5 Classification Tree (Decision Tree Learning) • Conclusion • Exercises • References • • 6 ADVANCED SUPERVISED LEARNING • 6.1 Overview • 6.2 Gradient Descent Algorithm • 6.3 Scikit-learn Library for Machine Learning • 6.4 Advanced Regression Models • 6.5 Advanced Machine Learning Algorithms • Conclusion • Exercises • References • • 7 UNSUPERVISED LEARNING • 7.1 Overview • 7.2 Clustering Overview • 7.3 K-Means Clustering • 7.4 Creating Product Segments Using Clustering • 7.5 Hierarchical Clustering • 7.6 Density-Based Clustering: DBSCAN • 7.7 Outlier Detection • 7.8 Dimensionality Reduction • Conclusion • Exercises • References • • 8 FORECASTING • 8.1 Forecasting Overview • 8.2 Components of Time-Series Data • 8.3 Moving Average • 8.4 Decomposing Time Series • 8.5 Auto-Regressive Integrated Moving Average Models • Conclusion • Exercises • References • • 9 RECOMMENDER SYSTEMS • 9.1 Overview • 9.2 Association Rules (Association Rule Mining) • 9.3 Collaborative Filtering • 9.4 Using Surprise Library • 9.5 Matrix Factorization • Conclusion • Exercises • References • • 10 TEXT ANALYTICS • 10.1 Overview • 10.2 Sentiment Classification • 10.3 Naïve–Bayes Model for Sentiment Classification • 10.4 Using TF-IDF Vectorizer • 10.5 Challenges of Text Analytics • Conclusion • Exercises • References • • 11 ML EXPLAINABILITY • 11.1 Overview • 11.2 Use Case for Model Explainability • 11.3 Model-Agnostic Techniques for ML Explainability • Conclusion • Exercises • References • • 12 MLOPS • 12.1 Introduction • 12.2 MLOps Systems • 12.3 Building Blocks of MLOps Framework • 12.4 ML Pipeline • 12.5 Experiment Tracking and Model Registry • 12.6 ML Model Serving • 12.7 Model Deployment Strategies • 12.8 Model Drift Monitoring • • Conclusion • Exercises • References • Index

9789370609167 | Pages: 468 | ₹ 899



Machine Learning | e | IM

Anuradha Srinivasaraghavan, Vincy Joseph

ABOUT THE AUTHOR

Anuradha Srinivasaraghavan is an academician in the University of Mumbai. Her prime interests are in the areas of machine learning, soft computing, data mining, and databases.

Vincy Elizabeth Joseph is working as Assistant Professor in the Department of Computer Engineering, St. Francis Institute of Technology, University of Mumbai, for the past 15 years. Her prime interests are in the areas of machine learning, system security, soft computing, digital signal processing, microprocessors, and computer organization and architectures. She actively participates in the design of experiments and content development of the subjects, especially in the areas of machine learning and soft computing.

ABOUT THE BOOK

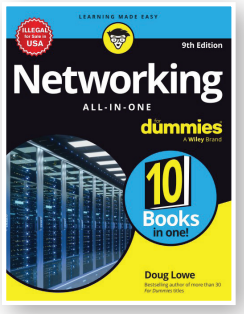
This book offers the readers the basics of machine learning in a very simple, user-friendly language. While browsing the Table of Contents, you will realize that you are given an introduction to every concept that comes under the umbrella of machine learning. This book is aimed at students who are new to the topic of machine learning. It is meant for students studying machine learning in their undergraduate and postgraduate courses in information technology. It is also aimed at computer engineering students. It will help familiarize students with the terms and terminologies used in machine learning. We hope that this book serves as an entry point for students to pursue their future studies and careers in machine learning.

TABLE OF CONTENTS

• Basics of Machine Learning • Supervised Learning Algorithms • Unsupervised Algorithms • Optimization Techniques

9788126578511 | Pages: 328 | ₹ 824

NETWORKING



Networking All-in-One For Dummies, 9ed

Lowe

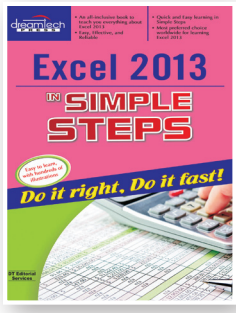
ABOUT THE AUTHOR

Doug Lowe is the information technology director for a civil engineering firm in Clovis, CA. He has been managing networks at publishing companies and non-profits for over 20 years and is the bestselling author of Networking For Dummies and Networking All-in-One Desk Reference For Dummies. His 50+ technology books include over 30 in the Dummies series. He has demystified everything from memory management to client/server computing.

ABOUT THE BOOK

Networking All-in-One For Dummies, 7th Edition, serves as the perfect beginner's guide as well as the professional's ideal reference book. Whether you're in charge of a small network or a large network, Networking All-in-One contains every bit of information that is necessary to set up a network and keep it functioning. Minibooks cover essential, up to date information for networking in systems such as Windows 10 and Linux, as well as best practices for security, mobile networking, and much more.

9789377063658 | Pages: 988 | ₹ 1599



Excel 2013 in Simple Steps | e

Kogent Learning Solutions Inc.

ABOUT THE AUTHOR

The proficient team at Kogent Learning Solutions Inc. and Dreamtech Press has seized the market of computer books bringing excellent content in software development to the fore. The team is committed to excellence-excellence in quality of content; excellence in the dedication of its authors and editors; excellence in the attention to detail; and excellence in understanding the needs of their readers.

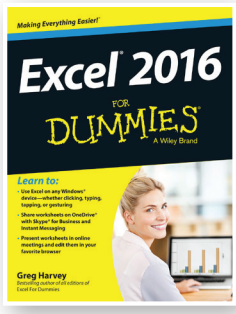
ABOUT THE BOOK

Excel 2013 in Simple Steps will help you learn Excel 2013, a contemporary offering from Microsoft. The book provides precise yet complete information about Excel 2013. The language used in the book is simple and easy to understand and the concepts are explained with real-life examples. The practical approach adopted in the book makes it unique in itself. The text in the book is presented in such a way that it will be equally helpful to beginners as well as professionals.

TABLE OF CONTENTS

• Chapter 1 Introducing MS Excel 2013 • Chapter 2 Working with Worksheets in MS Excel 2013 • Chapter 3 Working with Cells and Ranges • Chapter 4 Formatting Cells and Worksheet • Chapter 5 Working with Charts, Pictures, SmartArt Graphics and Sparklines • Chapter 6 Visualizing Data using Conditional Formatting, Sorting and Filtering • Chapter 7 Working with Formulas and Functions • Chapter 8 Working with Data Analysis Tools • Chapter 9 Validating and Protecting Data

9789351194057 | Pages: 304 | ₹ 449



Excel 2016 for Dummies

Greg Harvey

ABOUT THE AUTHOR

Greg Harvey is the president of Mind Over Media, Inc. Greg wrote his first computer book more than twenty years ago and since that time, he has amassed a long list of best-selling titles including Excel For Dummies (all editions), Excel All-In-One For Dummies (all editions), Excel Workbook For Dummies (all editions) and many more. Greg has extensive training and teaching experience and in addition to being the author of numerous books Greg is a certified secondary education teacher.

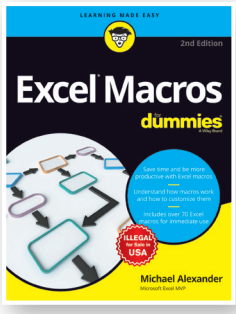
ABOUT THE BOOK

The book covers everything you need to know to perform the task at hand. Includes information on creating and editing worksheets, formatting cells, entering formulas, creating and editing charts, inserting graphs, designing database forms, adding database records, using seek-and-find options, printing, adding hyperlinks to worksheets, saving worksheets as web pages, adding existing worksheet data to an existing webpage and sending worksheets via e-mail.

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• Introduction • Part I: Getting Started with Excel 2016 • Part II: Editing without Tears • Part III: Getting Organized and Staying That Way • Part IV: Digging Data Analysis • Part V: Life beyond the Spreadsheet • Part VI: The Part of Tens • Index

9788126558964 | Pages: 440 | ₹ 849



Excel Macros For Dummies, 2ed | e

Michael Alexander

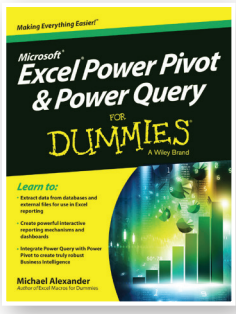
ABOUT THE AUTHOR

Michael Alexander is a Microsoft Certified Application Developer (MCAD) who has been named a Microsoft MVP for his ongoing contributions to the Excel community. He has more than 15 years of experience in consulting and developing Office solutions, and shares basic Access and Excel tips on his free tutorial site

ABOUT THE BOOK

Looking for ready-made Excel macros that will streamline your workflow? Look no further! Excel Macros For Dummies, 2nd Edition helps you save time, automate, and be more productive–even with no programming experience at all. Each chapter offers macros you can implement right away, with practical exercises that extend your knowledge and help you understand the mechanics at work. You'll find over 70 of the most effective Excel macros for solving common problems and explanations of why and where to use each one–plus invaluable guidance and step-by-step instruction for applying them effectively.

9788126575282 | Pages: 320 | ₹ 639



Microsoft Excel Power Pivot & Power Query For Dummies

Michael Alexander

ABOUT THE AUTHOR

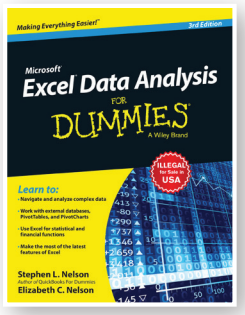
Michael Alexander is a Microsoft Certified Application Developer (MCAD) and author of more than a dozen books on advanced business analysis with Microsoft Access and Excel. He has more than 16 years' experience consulting and developing Office solutions. Michael has been named a Microsoft MVP for his ongoing contributions to the Excel community. He has written many other Excel books for Wiley, including Excel Macros For Dummies and Excel Dashboards & Reports For Dummies.

ABOUT THE BOOK

Want to familiarize yourself with the rich set of Microsoft Excel tools and reporting capabilities available from PowerPivot and

Power Query? Look no further! Excel PowerPivot & Power Query For Dummies shows you how this powerful new set of tools can be leveraged to more effectively source and incorporate 'big data' Business Intelligence and Dashboard reports. You'll discover how PowerPivot and Power Query not only allow you to save time and simplify your processes, but also enable you to substantially enhance your data analysis and reporting capabilities.

9788126562305 | Pages: 288 | ₹ 879



Microsoft Excel Data Analysis For Dummies, 3ed | e

Stephen L. Nelson, E. C. Nelson

ABOUT THE AUTHOR

Stephen L. Nelson is an author and CPA. He provides accounting, business advisory, tax planning, and tax preparation services to small businesses such as manufacturers, retailers, professional service firms, and startup technology companies. Steve is the author of more than 100 books, including QuickBooks For Dummies (all editions) and Quicken For Dummies (all editions).

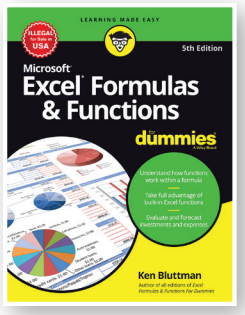
ABOUT THE BOOK

Data collection, management and analysis is the key to making effective business decisions, and if you are like most people, you probably don't take full advantage of Excel's data analysis tools. With Excel Data Analysis For Dummies, 3rd Edition, you'll learn how to leverage Microsoft Excel to take your data analysis to new heights by uncovering what is behind all of those mind-numbing numbers. The beauty of Excel lies in its functionality as a powerful data analysis tool. This easy-to-read guide will show you how to use Excel in conjunction with external databases, how to fully leverage PivotTables and PivotCharts, tips and tricks for using Excel's statistical and financial functions, how to visually present your data so it makes sense, and information about the fancier, more advanced tools for those who have mastered the basics!

TABLE OF CONTENTS

• Getting Started with Data Analysis • PivotTables and Pivot Charts • Advanced Tools • The Part of Tens

9788126573455 | Pages: 392 | ₹ 849



Microsoft Excel Formulas & Functions For Dummies, 5ed | e

Ken Bluttman

ABOUT THE AUTHOR

Ken Bluttman (Katonah, NY) has been working as a software developer for 25 years. He specializes in VB/VBA based applications, often with an emphasis on Microsoft Office. Ken has written articles on various computing topics including Office/VBA development, XML, SQL Server, and InfoPath, and several books, including Excel Formulas and Functions For Dummies and Excel Charts For Dummies

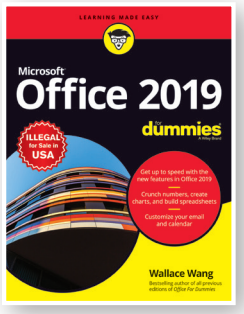
ABOUT THE BOOK

There are more than 400 built-in functions in Excel X, from AGGREGATE to Z.TEST. The question is which ones will make my work easier? How and why should I use a particular function in my formulas? Excel Formulas and Functions For Dummies, 5th Edition is a thorough but easy-to-read coverage of powerful Excel functions. This book gives detailed step-by-step instruction on Excel's 150 most useful functions. The use of each function will be illustrated by helpful, real-world examples showing how a function is used within a formula. Another 85 specialized functions will be described in abbreviated form.

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• Getting Started with Formulas and Functions • Doing the Math • Solving with Statistics • Dancing with Data • The Part of Tens

9789390466733 | Pages: 412 | ₹ 889



Microsoft Office 2019 For Dummies | e

Wallace Wang

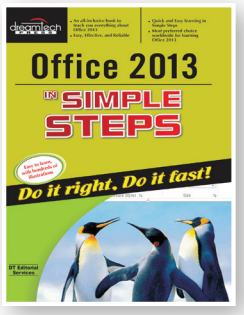
ABOUT THE AUTHOR

Wallace Wang is a best-selling author with more than 3 million For Dummies books in print. He has written more than 50 computer books, and his recent titles include Office 2016 For Dummies and Beginning Programming All-in-One For Dummies. Wally has been involved in computers, stand-up comedy, teaching, writing, and game designing for most of his life.

ABOUT THE BOOK

Microsoft Office basics including typing and formatting text in Word, designing your Word documents, navigating an Excel spreadsheet, editing a spreadsheet, creating formulas, charting and analyzing data, creating a PowerPoint presentation, adding color, pictures, and sound to a presentation, preparing your presentation for an audience, configuring e-mail with Outlook, storing contacts and organizing tasks, scheduling your time and setting appointments, designing an Access database, editing and modifying a database, searching, sorting, and querying a database, creating a database report, and more. Information is presented in the straightforward but fun language that has defined the Dummies series for more than twenty years.

9788126578559 | Pages: 436 | ₹ 849



Office 2013 in Simple Steps | e

Kogent Learning Solutions Inc.

ABOUT THE AUTHOR

The proficient team at Kogent Learning Solutions Inc. and Dreamtech Press has seized the market of computer books bringing excellent content in software development to the fore. The team is committed to excellence-excellence in

quality of content; excellence in the dedication of its authors and editors; excellence in the attention to detail; and excellence in understanding the needs of their readers.

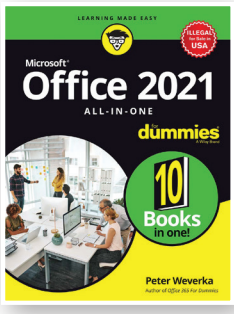
ABOUT THE BOOK

Office 2013 in Simple Steps is a book that helps you to learn Office 2013, the contemporary offering from Microsoft. Being precise and complete, it offers the reader a cutting edge in the field of Office 2013. An easy-to-understand style, lots of examples to support the concepts and use of practical approach in presentation are some of the features that make the book unique in itself. The text in the book is presented in such a way that it will be equally helpful to the beginners as well as professionals.

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• Introducing Microsoft Office 2013 • Getting Started with Microsoft Word 2013 • Working with Graphics and Tables • Designing and Reviewing a Word Document • Getting Started with Microsoft Excel 2013 • Working with Tables and Charts • Working with Formulas and Functions • Getting Started with Microsoft PowerPoint 2013 • Enhancing PowerPoint Presentations • Building Dynamic PowerPoint Presentations • Working with E-Mail Messages, Rules and Contacts

9789350049976 | Pages: 384 | ₹ 329



Microsoft Office 2021 All-in-One For Dummies | e

Peter Weverka

ABOUT THE AUTHOR

Peter Weverka may be the last person living in San Francisco city limits who didn't found a huge tech company. Instead, he is a long-time Dummies technology author who's written some of the series top-selling titles of all time. His Office 365 All-in-One For Dummies took over the spot as top selling Office book shortly after publication and hasn't relenquished it since. He's also authored standalone books on Office 2019, PowerPoint, OneNote, Word, and Quicken and has done this work long enough to have written books on defunct software products like Microsoft Money and Microsoft FrontPage.

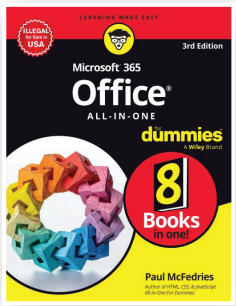
ABOUT THE BOOK

Every Office user has days where they just need to know how to format something in Word or use the right Excel function or figure out how to set up a meeting on Teams. Office 2021 All-in-One For Dummies serves up quick and simple answers to those questions along with the hundreds of other tasks you're expected to know how to do in Office. Filled with mini books to cover the key Office 2021 applications, this updated edition offers guidance on the core Office applications as well as the tools that make collaborating with remote colleagues a cinch. Whether you're new to Office or just need a refresher for the newest updates, this book answers your questions.

TABLE OF CONTENTS

• Common Microsoft Office Tasks • Word 2021 • Excel 2021 • PowerPoint 2021 • Outlook 2021 • Access 2021 • Publisher 2021 • Working with Charts and Graphics • Office 2021: One Step Beyond • File Sharing and Collaborating

9789357460439 | Pages: 804 | ₹ 959



Microsoft 365 Office All-in-One For Dummies, 3ed

Weverka

ABOUT THE AUTHOR

Peter Weverka may be the last person living in San Francisco city limits who didn't found a huge tech company. Instead, he is a long-time Dummies technology author who's written some of the series top-selling titles of all time. His Office 365 All-in-One For Dummies took over the spot as top selling Office book shortly after publication and hasn't relenquished it since. He's also authored standalone books on PowerPoint, OneNote, Word, and Quicken and has done this work long enough to have written books on defunct software products like Microsoft Money and Microsoft FrontPage

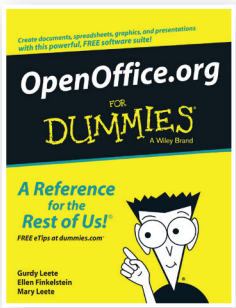
ABOUT THE BOOK

"Do you find yourself composing a letter in Word in the morning, joining a Teams meeting before lunch, crunching numbers in Excel in the afternoon, and answering email on Outlook all day? Office 365 All-in-One For Dummies is the book to help you get through all those tasks. Filled with mini books to cover all Office applications, this all updated edition offers guidance on the core Office 365 applications as well as the tools that make collaborating with remote colleagues a cinch. Whether you're new to Office or just need a refresher for the newest updates, this book answers your questions.

TABLE OF CONTENTS

• Common Office Tasks • Word 365 • Excel 365 • PowerPoint 365 • Outlook 365 • Access 365 • Working with Charts and Graphics • Office 365: One Step Beyond • Microsoft Teams • File Sharing and Collaborating

9789377064990 | Pages: 964 | ₹ 1499



OpenOffice.org For Dummies

Gurdy Leete, Ellen Finkelstein, Mary Leete

ABOUT THE AUTHOR

Gurdy Leete has been a computer animator, animation software engineer, and teacher of computer animation since 1981. He teaches Flash and other programs. He has been using Open Source software for years, including OpenOffice.org. Mr. Leete is the co-author of a plug-in for The GIMP, an open source image editor.

Ellen Finkelstein has written numerous best-selling computer books on AutoCAD, Word, PowerPoint, and Flash and provides training on these programs. She is an avid user of OpenOffice.org and maintains her own Web site at www.ellenfinkelstein.com.

Mary Leete (Fairfield, IA) was a contributing author to 50 Fast Flash MX Techniques and used OpenOffice.org extensively to design and build her new log home.

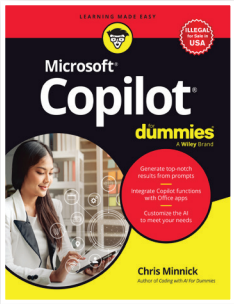
ABOUT THE BOOK

OpenOffice.org For Dummies shows Linux and Windows users how to use the OpenOffice (OO) desktop productivity suite in the For Dummies friendly, easy-to-understand style. This book explains how to download, install, and set up both the Linux and Windows versions of OO. The book is organized by the four key desktop applications provided in the OO suite: Writer (word processing product), Calc (spreadsheet product), Impress (presentation product), and Draw (graphics product). Each part focuses on one of the applications and explains how to use it and work with it on the Web.

TABLE OF CONTENTS

• Introducing OpenOffice.org • Using Writer -- The Word Processor • Using Calc -- The Spreadsheet • Using Impress -- The Presentation Package • Using Draw: The Graphics Program • The Part of Tens.

9788126569991 | Pages: 388 | ₹ 479



Microsoft Copilot For Dummies

Chris Minnick

ABOUT THE AUTHOR

Chris Minnick (Portland, OR) is an accomplished author, teacher, programmer, and an enthusiastic learner. Minnick authored or co-authored over twenty books, including titles in the For Dummies series and several books for teaching kids to code. He has developed video courses for online training providers Pluralsight, O'Reilly Video, Ed2Go, and Skillshare and teaches programming and machine learning to professional developers at some of the largest companies globally.

ABOUT THE BOOK

"Have a safe AI landing with Microsoft Copilot

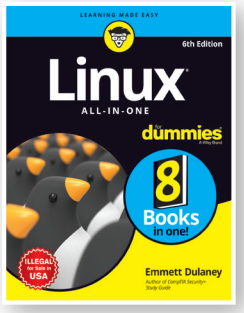
AI is unavoidable. AI tools are swiftly becoming part of the apps and tools we use daily, especially if you use Microsoft tools. This book navigates the world of Microsoft Copilot, the AI functionality assisting users of Office apps, Window, and even special AI-enhanced laptops. Discover how to write Copilot-friendly prompts, enhance output with integrated Copilot tools, and how to apply Copilot to specific tasks like project management.

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• Introduction • Part 1: Meeting Your AI Assistant • Chapter 1: Getting Started with Microsoft Copilot • Chapter 2: Chatting with Copilot • Chapter 3: Browsing with Copilot • Chapter 4: Going Mobile with Copilot • Chapter 5: Using a Copilot+ PC • Part 2: Getting Work Done with Microsoft 365 Copilot • Chapter 6: Writing with Copilot • Chapter 7: Crunching the Numbers with Copilot • Chapter 8: Presenting with Copilot • Chapter 9: Emailing with Copilot • Chapter 10: Meeting and Collaborating with Copilot • Chapter 11: Generating and Manipulating Images • Chapter 12: Using Copilot for Project Management • Part 3: Jumpstarting Your Productivity with Copilot • Chapter 13: Making Custom Copilots • Chapter 14: Expanding Copilot's Capabilities with Plugins • Chapter 15: Troubleshooting Common Issues with Copilot • Part 4: The Part of Tens • Chapter 16: Ten Plugins for Copilot • Chapter 17: Ten Hidden Copilot Gems

9789377062439 | Pages: 330 | ₹ 750

OPERATING SYSTEMS



Linux All-In-One For Dummies, 6ed | e

Emmett Dulaney

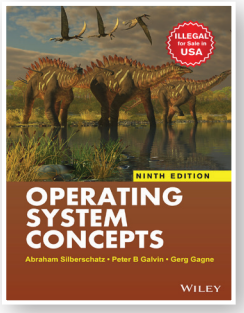
ABOUT THE AUTHOR

Emmett Dulaney is the author or coauthor of numerous books across the board on operating systems and certifications, including The CompTIA Security+ Study Guide, The CompTIA A+ Complete Study Guide, and the CompTIA Network+ Exam Cram. While he is a professor at a small university in Indiana you can also find him writing columns for Certification Magazine as well as contributing to several others.

ABOUT THE BOOK

This new edition of Linux All-in-One For Dummies has a unique focus on Ubuntu, while still including coverage of Debian, Red Hat, SuSE, and others. The market is looking for administrators, and part of the qualifications needed for job openings is the authentication of skills by vendor-neutral third parties (CompTIA/Linux Professional Institute)—and that's something other books out there don't address.

9788126577637 | Pages: 564 | ₹ 909



Operating System Concepts, 9ed, ISV | e | IM

Abraham Silberschatz, Peter B. Galvin, Gerg Gagne

ABOUT THE AUTHOR

Abraham Silberschatz is the Sidney J. Weinberg Professor and Chair of Computer Science at Yale University. Prior to joining Yale, he was the Vice President of the Information Sciences Research Center at Bell Laboratories.

Peter Baer Galvin is the chief technologist for Corporate Technologies (www.cptech.com), a computer facility reseller and integrator. As a consultant and trainer, he has given talks and taught tutorials on security and system administration worldwide.

Greg Gagne is chair of the Computer Science department at Westminster College in Salt Lake City where he has been teaching since 1990.

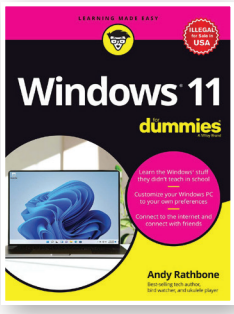
ABOUT THE BOOK

The ninth edition of Operating System Concepts continues to evolve to provide a solid theoretical foundation for understanding operating systems. This edition has been updated with more extensive coverage of the most current topics and applications, improved conceptual coverage and additional content to bridge the gap between concepts and actual implementations. A new design allows for easier navigation and enhances reader motivation. Additional end-of-chapter, exercises, review questions and programming exercises help to further reinforce important concepts. WileyPLUS, including a test bank, self-check exercises and a student solutions manual, is also part of the comprehensive support package.

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9788126554270 | Pages: 876 | (Exclusive)



Windows 11 For Dummies | e

Andy Rathbone

ABOUT THE AUTHOR

Andy Rathbone probably didn't think someday I'm going to be the world's all-time best-selling tech how-to book author"" when he was finishing his comparative literature degree. A stint writing for computer magazines led to him writing Windows For Dummies, published in October 1992. Since then the book has seen 18 editions published and sold millions of copies. When not helping people find the Start button, Andy enjoys bird watching and playing ukulele.

ABOUT THE BOOK

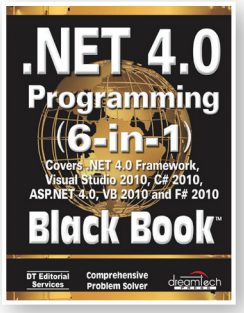
Windows 11 arrives with the promise of being the fastest, most secure, and most flexible of the operating system yet. That doesn't mean it's always easy to make your computer work faster, more securely, and more flexible. This book offers help for those moments when you ask yourself "what the heck is my computer doing?" You'll find guidance on how to get around the newly updated Windows 11 interface, how to use new Windows tools like Teams and widgets, and even how to bring Android apps on board your device to simplify your processes.

TABLE OF CONTENTS

• Windows 11 Stuff Everybody Thinks you Already Know • Working with Programs, Apps, and Files • Getting Things Done on the Internet • Customizing and Upgrading Windows 11 • Music, Photos, and Videos • help! • The Part of Tens

9789357460460 | Pages: 468 | ₹ 949

PROGRAMMING



.NET 4.0 Programming (6-in-1) Black Book | e

Kogent Learning Solutions Inc.

ABOUT THE AUTHOR

The proficient team at Kogent Solutions Inc. and Dreamtech Press has seized the market of computer books bringing excellent content in software development to the fore. The team is committed to excellence-excellence in the quality of content, excellence in the dedication of its authors and editors, excellence in the attention to detail, and excellence in understanding the needs of the readers.

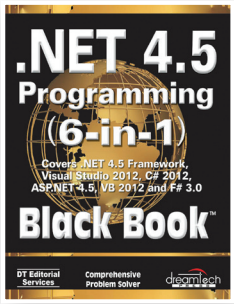
ABOUT THE BOOK

.NET 4.0 Programming Black Book is the one-time reference book, written from the programmer's point of view, containing hundreds of examples covering every aspect of .NET 4.0 programming. It will help you master the entire spectrum of the .NET Framework 4.0 and Visual Studio 2010, from .NET Framework 4.0 basics to the details of Visual Studio 2010. In Visual Basic 2010, from Visual Basic language reference to creating Windows applications, from Windows Forms controls to My object, and much more. In C# 2010, from C# language reference to OOPS, from delegates and events to exception handling, from ADO.NET to working with LINQ, from Windows Presentation Foundation (WPF) basics to Documents in WPF, from assemblies to Windows Workflow Foundation (WF), and much more.

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9789350040430 | Pages: 1800 | ₹ 699



.NET 4.5 Programming 6-in-1, Black Book | e

Kogent Learning Solutions Inc.

ABOUT THE AUTHOR

The proficient teams at Kogent Learning Solutions Inc. and Dreamtech Press have seized the market of engineering textbooks, bringing excellent content in engineering and technical education to the fore. The teams at Kogent Learning Solutions Inc. and Dreamtech Press are committed to providing excellence in the quality of content by judiciously analyzing the needs of their readers and ensuring dedication of their authors and editors in catering to these needs.

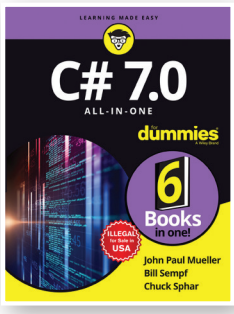
ABOUT THE BOOK

.NET 4.5 Programming Black Book is the one-time reference book, written from the programmer's point of view, containing hundreds of examples covering every aspect of .NET 4.5 programming. It will help you master the entire spectrum of the .NET Framework 4.5 and Visual Studio 2012, from .NET Framework 4.5 basics to the details of Visual Studio 2012. In C# 2012, from C# language reference to OOPS from delegates and events to exception handling from ADO.NET to working with LINQ from Windows Presentation Foundation (WPF) basics to Documents in WPF from assemblies to Windows Workflow Foundation (WF),and much more.

TABLE OF CONTENTS

• Getting started with .NET Framework 4.5 • Introducing Visual Studio 2012 • Introducing C# 5.0 in VS 2012 • Namespaces, Classes, Objects and Structs • Object-Oriented Programming • Pointers, Delegates and Events • Flow Control and Exception Handling • Introducing Windows Presentation Foundation • Working with WPF 4.5 Controls, Resources, Styles, Templates and Commands • Working with Typography and Documents in WPF • .NET and SQL Server • Data Access with ADO.NET • Working with LINQ • Collections and Generics • Threading • Working with Assemblies • Working with Windows Workflow Foundation • ASP.NET 4.5 Essentials • Developing a Web Application • Application Structure and State • Web Forms: Standard Controls • Navigation Controls: Tree View, Menu and Site Map Path • Validation Controls • Introducing Web Parts Controls • Working with Database Controls • Inside Master Pages and Themes • Caching in ASP.NET 4.5 • Managing Web Applications • Working with Login Controls • Working with User Profiles • ASP.NET Web Services • Introducing F# 3.0 • .NET Remoting • Deploying Windows and Web Applications

9789350045107 | Pages: 1428 | ₹ 1099



C# 7.0 All-in-One For Dummies | e

John Paul Mueller, Bill Sempf, Chuck Sphar

ABOUT THE AUTHOR

John Paul Mueller is a prolific writer with a focus on programming topics. He's closing in on 100 books authored and over 300 articles published, including books on Python, Java, HTML, CSS, and JavaScript. He makes his home in rural Wisconsin, about an hour north of Madison. Bill Sempf and Chuck Sphar were co-authors of previous editions of this book.

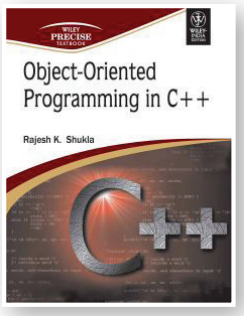
ABOUT THE BOOK

C# know-how is a must if you want to be a professional Microsoft developer. It's also good to know a little C# if you're building tools for the web, mobile apps, or other development tasks. This reference offers a deep dive into C# for coders still learning the nuances of the valuable programming language. Pop it open to get an intro into coding with C#, how to design secure apps and databases, and even pointers on building web and mobile apps with C#.

TABLE OF CONTENTS

• The Basics of C# Programming. • Object-Oriented C# Programming • Designing for C#. • A Tour of Visual Studio. • Windows Development with WPF. • Web Development with ASP.NET.

9788126574742 | Pages: 868 | ₹ 849



Object-Oriented Programming in C++ | e

Rajesh K. Shukla

ABOUT THE AUTHOR

Professor Rajesh K. Shukla is an Assistant Professor and Head of the Department of Computer Science and Engineering at the Oriental Institute of Science & Technology, Bhopal. He is BE and M Tech in Computer Science and Engineering from Samrat Ashok Technological Institute, Vidisha and is currently pursuing his doctorate. His area of research includes data mining, web mining, speech recognition and artificial neural networks. He has been actively teaching concepts like OOPS, C++, TOC, DBMS Data Structures, Neural Network and Compiler Design for the past nine years. Professor Shukla has also organized many National level workshops on technical subjects like Oracle, Linux, Mobile Computing, ANN & Support Vector Machines and a staff development program related to his subject. He is associated with different universities as a guest faculty, as a counselor, as an Examiner and for other academic assignments. Additionally, he has presented many papers in national and international conferences. Professor Shukla is a Life Member of Indian Society for Technical Education (ISTE), Computer Society of India (CSI), The Indian Science Congress Association and a member of ACM and International association of Engineers.

ABOUT THE BOOK

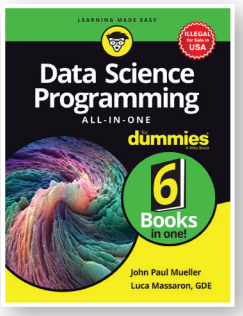
This book offers solid, effective and easy to understand approach to the study of fundamental Object Oriented Programming. The book is a boon for general readers, C++ Professionals, and students from both graduate and postgraduate courses in computer engineering, who are inquisitive to explore each and every aspect of OOPS and C++. It renders expansive information about a wide array of topics like C++, arrays, structures, unions, bit fields, functions, pointers, template, exception handling, file handling and graphics with numerous examples. The text comprises fourteen chapters and each chapter is further divided into modules of major topics. Each module has a uniform structured presentation starting with learning objective, declaration, implementation, example programs, operations, and types, summary, multiple choice sections, programming

assignments, review questions followed by the solution of the programming assignments.

TABLE OF CONTENTS

• Chapter 1: Fundamentals of Object-Oriented Programming • Chapter 2: Basics of C++ • Chapter 3: Functions • Chapter 4: Arrays • Chapter 5: Structure, Union and Bit Fields • Chapter 6: Pointers • Chapter 7: Classes and Objects • Chapter 8: Constructors and Destructors • Chapter 9: Inheritance • Chapter 10: Polymorphism • Chapter 11: Template and Exception Handling • Chapter 12: File Organization • Chapter 13: Turbo Graphics • Chapter 14: Preprocessor Directives and I/O

9788126516582 | Pages: 480 | ₹ 799



Data Science Programming All-in-One for Dummies | e

John Paul Mueller, Luca Massaron

ABOUT THE AUTHOR

John Mueller is a freelance author and technical editor. He has writing in his blood, having produced 99 books and more than 600 articles to date. The topics range from networking to home security and from database management to heads-down programming. During his time at Cubic Corporation, John was exposed to reliability engineering and has had a continued interest in probability ever since. Be sure to read John's blog at http://blog.johnmuellerbooks.com/.

Luca Massaron is a data scientist specialized in organizing and interpreting big data and transforming it into smart data by means of the simplest and most effective data mining and machine learning techniques. Because of his job as a quantitative marketing consultant and marketing researcher, he has been involved in quantitative data since 2000 with different clients and in various industries. Luca was able to quickly rank among the top 10 Kaggle data scientists.

ABOUT THE BOOK

Most of the books on the market are written for the science professional and often limit their audience to a reader specializing in data science, AI, or computer science. These books focus on people who already have the coding knowledge to write applications, the math background to work with algorithms, and the data management background to interact with data sources successfully. This book addresses their needs by providing simple techniques to access data, manipulate it using clearly described algorithms, and interacting with it using code written in one of three languages. The result is a book that has a broad audience of people who need this resource.

9789388991209 | Pages: 780 | ₹ 1059



Data Structures, 2ed | e | IM

R. Venkatesan, S. Lovelyn Rose

ABOUT THE AUTHOR

Dr. R. Venkatesan has 18 years of industry experience and was actively involved in coordinating and managing large-scale software projects. Currently, he is a Professor in the Department of CSE at PSG College of Technology, Coimbatore. He is also a Fellow of the Institution of Engineers of India. He has several publications in national and international journals and conferences. His areas of interest include software engineering, data structures, algorithm design and object-oriented systems.

Dr. S. Lovelyn Rose has a professional career of 16 years has been with PSG College of Technology. She has several publications in national and international journals and conferences. She offers consultancy on machine learning to companies and her subject expertise and interest include data structures and algorithms, algorithm design techniques, machine learning and deep learning.

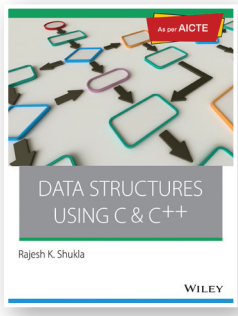
ABOUT THE BOOK

The book has been divided into six chapters. Chapter 1 deals with the preliminaries that are required to appreciate the need for studying data structures. Chapter 2 presents the linear class of data structures. Chapter 3 deals with the important non-linear structures. Advanced data structures such as balanced search trees, heaps etc. have been explained in detail in Chapter 4. Meticulous effort has been taken to provide algorithms for each operation to be performed on these data structures, which could be readily converted into working programs using any one of the modern programming languages.

TABLE OF CONTENTS

• Introduction to Algorithms and Data Structures • Linear Data Structures • Non-Linear Data Structures • Advanced Data Structures • Sorting • File Structures

9788126577149 | Pages: 312 | ₹ 850



Data Structures using C & C++, As per AICTE | e

Rajesh K. Shukla

ABOUT THE AUTHOR

Rajesh K. Shukla is currently the Vice Principal and Head of the Department of Computer Science and Engineering at Corporate Institute of Science and Technology, Bhopal. He has been teaching data structures and algorithms over the last 10 years at undergraduate and postgraduate levels. With over a decade of teaching experience in the engineering institutions, he has exemplified his work at various designations.

Prof Shukla is a life member of CSI, ISTE, ISCA and a member of ACM IEEE, IAENG and IACSIT, Singapore. His areas of interests include object oriented programming, analysis of algorithms, data

structures, database management system, theory of computation, artificial neural network and web mining.

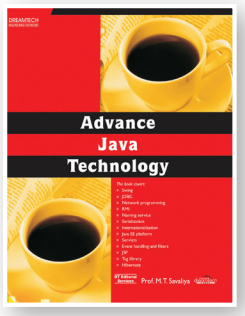
ABOUT THE BOOK

The book has been written in a simple and comprehensible manner to enable the students to grasp important concepts easily. The student-friendly nature of the book adds to its value and the presence of a large number of examples and illustrations increases its utility. End-of-chapter exercises, containing objective-type problems as well as long-answer type questions, have been included to test the students' understanding of the topics discussed. A number of model question papers have also been included at the end of the book to help students gain practice in problem solving. The book is organized in such a manner that students and programmers will find it easy to read and understand.

TABLE OF CONTENTS

• Introduction to Data Structures • Arrays • Introduction to Structure, Class and Template • Pointers and Dynamic Memory Management • Stack and Queues • Linked List • Tree • Graph • Searching • Sorting Algorithms • Files

9788126508600 | Pages: 520 | ₹ 999



Advance Java Technology, (As per syllabus of GTU) | e

Prof. M.T.Savaliya

ABOUT THE AUTHOR

Prof. M.T. Savaliya received the B.E. degree in computer engineering from D. D. Institute of Technology, Gujarat University, Nadiad, Gujarat, in 1990, and the M.E. degree in microprocessor from M.S. University of Baroda, Baroda, Gujarat, in 2002. He is currently working as an Associate Professor of Computer Engineering at the Government Engineering College, Patan, Gujarat. He has about 20 years of teaching experience in Undergraduate (UG) and Postgraduate (PG) courses in computer science/engineering and information technology. He has authored and coauthored various articles, papers, and books such as C Programming, C++ Programming, Computer Programming and Utilization, Data Structure, Microprocessor and Assembly Language Programming, and Developing Web Applications. He has delivered a number of seminars and expert lectures on various topics in workshops and Short Term Training Programs (STTPs).

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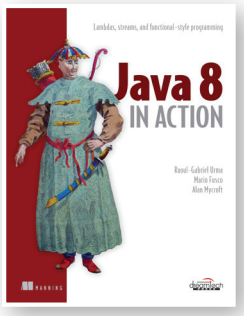
ABOUT THE BOOK

Advance Java Technology is a one-time reference book, written from the programmer's point of view. It contains various examples and covers nearly every aspect of advanced Java, such as Swing, Java Database Connectivity (JDBC), Network Programming, Remote Method Invocation (RMI), Naming Service, Serialization, Internationalization, Servlets, JavaServer Pages (JSP), and JavaServer Pages Standard Tag Library (JSTL). It will help you to master the entire spectrum of advanced Java by exploring and implementing the various concepts of the Java EE technologies.

TABLE OF CONTENTS

• Introducing Swing • Working with JDBC • Network Programming • RMI, Naming Service, Serialization, and Internationalization • Introducing the Java EE Platform • Working with Servlets • Introducing Event Handling and Filters • Working with JavaServer Pages (JSP) • JSP Tag Extensions and Standard Tag Library • Introducing Hibernate • Index • What's on the CD ROM

9789350042076 | Pages: 600 | ₹ 799



Java 8 in Action

Raoul-Gabriel Urma, Mario Fusco, Alan Mycroft

ABOUT THE AUTHOR

Raoul-Gabriel Urma is a software engineer, speaker, trainer and PhD candidate at the University of Cambridge.
Mario Fusco is an engineer at Red Hat and creator of the lambdaj library.
Alan Mycroft is a professor at Cambridge and cofounder of the Raspberry Pi Foundation.

ABOUT THE BOOK

Every new version of Java is important, but Java 8 is a game changer. Java 8 in Action is a clearly written guide to the new features of Java 8. It begins with a practical introduction to lambdas, using real-world Java code. Next, it covers the new Streams API and shows how you can use it to make collection-based code radically easier to understand and maintain. It also explains other major Java 8 features including default methods, Optional, CompletableFuture and the new Date and Time API.

TABLE OF CONTENTS

• Part 1 Fundamentals • Chapter 1 Java 8: why should you care? • Chapter 2 Passing code with behavior parameterization • Chapter 3 Lambda expressions • Part 2 Functional-style data processing • Chapter 4 Introducing streams • Chapter 5 Working with streams • Chapter 6 Collecting data with streams • Chapter 7 Parallel data processing and performance • Part 3 Effective Java 8 programming • Chapter 8 Refactoring, testing and debugging • Chapter 9 Default methods • Chapter 10 Using Optional as a better alternative to null • Chapter 11 CompletableFuture: composable asynchronous programming • Chapter 12 New Date and Time API • Part 4 Beyond Java • Chapter 13 Thinking functionally • Chapter 14 Functional programming techniques • Chapter 15 Blending OOP and FP: comparing Java 8 and Scala • Chapter 16 Conclusions and where next for Java"

9789351197430 | Pages: 424 | ₹ 899



Object Oriented Programming using Java: As per CE, CSE, IT and ICT - B.E 5th semester syllabus of GTU | e

Chirag Patel

ABOUT THE AUTHOR

Chirag A. Patel is a post-graduate in Computer Engineering, with a 12+ years of teaching experience. His research areas are virtualization, cloud computing, distributed computing and networking. Currently he is serving as an Associate Professor at Computer Engineering Department, Government Engineering College, Modasa.

DT Editorial Services has seized the market of engineering textbooks, bringing excellent content in engineering and technical education to the fore. The team is committed to providing excellence in quality of content by judiciously analyzing the needs of its readers and ensuring dedication of its authors and editors in catering the same.

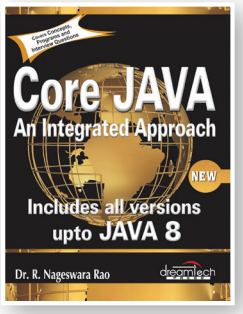
ABOUT THE BOOK

This book introduces the Java programming language and explains how to create Java applications and work with UML. It also discusses various Java programming concepts, such as Object Oriented Programming (OOP), arrays as data structure, inheritance, multithreaded programming and networking. Moreover, this book also covers the fundamentals of UML.

TABLE OF CONTENTS

• Fundamental Concepts in Java Programming • Working with Arrays, Strings, String Buffer Class and Wrapper Classes • Working with Classes, Objects and Methods • Inheritance and Interfaces in Java • Working with Packages and Exceptions • Working with Thread • Working with Streams • Collection Classes • Networking with Java.net • Introduction to Object Orientation and Modeling Concepts • Class Modeling and Advanced Class Modeling • State Modelling • Interaction Modeling

9789351198178 | Pages: 400 | (Exclusive)



Core Java: An Integrated Approach, New: Includes All Versions upto Java 8 | e

R. Nageswara Rao, DT Editorial Services

ABOUT THE AUTHOR

Dr. R. Nageswara Rao has been associated with teaching Computer Science since 1993. He has worked at various colleges as HOD (Dept. of Computers) and as a freelance developer for some time for a couple of organizations. He has been teaching Java since 2000, and is currently associated with DurgaSoft Solutions, Hyderabad, a prestigious training division, imparting specialized training in Java. Mr. Rao is teaching and interacting with more than 1000 new students every month, including software developers and foreign students.

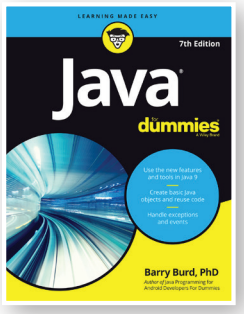
ABOUT THE BOOK

Core Java – An Integrated Approach covers all core concepts in a methodical way. It helps you learn the concepts—from OOPS to abstract classes and interfaces; from software packaging to providing API documents; from error handling to converting fundamental data into object form; from collection framework to streams and creating client and server program to threads; from creating GUI applications to generics and communication with database. This book also covers the interview questions along with the subject matter to help students do well in interviews. The questions presented in this book have been collected from various interviews.

TABLE OF CONTENTS

• All about Networks • Introduction to Java • First Step towards Java Programming • Naming Conventions and Data Types • Operators in Java • Control Statements in Java • Input and Output • Arrays • Strings • StringBuffer and StringBuilder • Introduction to OOPs • Classes and Objects • Methods in Java • Relationship Between Objects • Inheritance • Polymorphism • Type Casting • Abstract Classes • Interfaces • Packages • Exception Handling • Wrapper Classes • The Collection Framework • Streams and Files • Networking in Java • Threads • Graphics Programming using AWT • Graphics Programming using Swing • Graphics Programming – Layout Managers • Applets • Generic Types • Java Database Connectivity • Enumerations and Annotations • Lambda Expressions • Streams API • Joda-Time

9789351199250 | Pages: 720 | ₹ 799



Java For Dummies, 7ed

Barry Burd

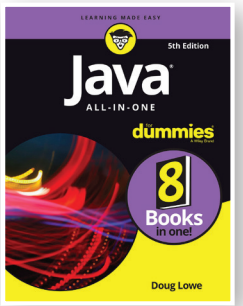
ABOUT THE AUTHOR

Dr. Barry Burd has a M.S. in CS from Rutgers University, and a Ph.D. in Math from the University of Illinois. Barry is the author of all editions of Java For Dummies, Beginning Programming with Java For Dummies, Ruby on Rails For Dummies and Android Application Development All-in-One For Dummies. Barry is a CS professor at Drew University where he has been named to Drew's ""List of Teachers Ranked as Excellent by Students"" five times. Barry writes frequently for several online publications including JavaBoutique.com and he was just recently invited to write the cover article for the premier issue of BZ Media's ""Eclipse Review"" magazine.

ABOUT THE BOOK

Java For Dummies remains the straightforward reference on Java, covering object-oriented programming basics with Java, code reuse, and the essentials of creating a Java program. The book helps readers create basic Java objects as well as figure out when they can reuse existing code. This edition is updated to cover the changes with the newest version of Java including enhanced multimedia capabilities, updates for Android and cloud coverage and new programming features such as closures, new libraries, new tools, parallel frameworks and more.

9788126568147 | Pages: 512 | ₹ 749



Java All-in-One For Dummies, 5ed

Doug Lowe

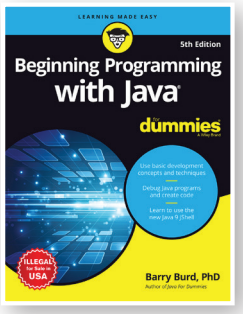
ABOUT THE AUTHOR

Doug Lowe is skilled at simplifying complex tech topics. His Networking For Dummies and Networking All-in-One For Dummies have been helping would-be and pro networking engineers learn their craft and get through tough spots for years. He's helped over 65,000 programmers get a better grasp on Java skills over four editions of Java All-in-One For Dummies. When not writing, Doug is a one-man IT department for an engineering consulting firm in California's Central Valley.

ABOUT THE BOOK

If you've always wanted to program with Java but didn't know where to start, this will be the java-stained reference you'll turn to again and again. Fully updated for the JDK 9, this deep reference on the world's most popular programming language is the perfect starting point for building things with Java—and an invaluable ongoing reference as you continue to deepen your knowledge. Clocking in at over 900 pages, Java All-in-One For Dummies takes the intimidation out of learning Java and offers clear, step-by-step guidance on how to download and install Java tools; work with variables, numbers, expressions, statements, loops, methods, and exceptions; create applets, servlets, and JavaServer pages; handle and organize data; and so much more.

9788126569151 | Pages: 964 | ₹ 749



Beginning Programming with Java For Dummies, 5ed

Barry A. Burd

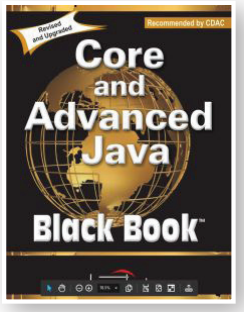
ABOUT THE AUTHOR

Dr. Barry Burd has a M.S. in CS from Rutgers University, and a Ph.D. in Math from the University of Illinois. Barry is the author of all editions of Java For Dummies, Beginning Programming with Java For Dummies, Ruby on Rails For Dummies, and Android Application Development All-in-One For Dummies. Barry is a CS professor at Drew University where he has been named to Drew's ""List of Teachers Ranked as Excellent by Students"" five times. Barry writes frequently for several online publications including JavaBoutique.com and BZ Media's ""Eclipse Review"" magazine.

ABOUT THE BOOK

Are you new to programming and have decided that Java is your language of choice? Are you a wanna-be programmer looking to learn the hottest lingo around? Look no further! Beginning Programming with Java For Dummies, 5th Edition is the easy-to-follow guide you'll want to keep in your back pocket as you work your way toward Java mastery! In plain English, it quickly and easily shows you what goes into creating a program, how to put the pieces together, ways to deal with standard programming challenges, and so much more.

9788126570867 | Pages: 552 | ₹ 799



Core and Advanced Java, Black Book, Recommended by CDAC, Revised and Upgraded | e

Dreamtech Press

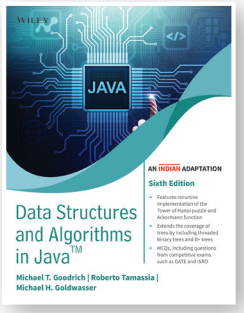
ABOUT THE BOOK

Core and Advanced Java covers all core and advanced concepts of Java in a methodical way. It helps you learn the concepts—from OOPS to abstract classes and interfaces; from software packaging to providing API documents; from error handling to converting fundamental data into object form; from collection framework to streams and creating client and server program to threads; from creating GUI applications to generics and communication with database

TABLE OF CONTENTS

• Introduction to Java • Variables, Arrays, and Strings • Operators, Conditionals, and Loops • Class, Object, Packages and Access Specifiers • Implementing Object-Oriented Programming in Java • Working with Streams, Files, and I/O Handling • Implementing Exception Handling • Working with Multiple Threads • Working with Collections Framework • Creating Packages, Interfaces, JAR Files, and Annotations • Working with Java Beans • Networking and Security with Java • Working with JDBC 4.0 • Working with Servlets 3.1 • Handling Sessions in Servlets 3.1 • Implementing Event Handling and Wrappers in Servlets 3.1 • Java Server Pages 2.3 and Expression Language 3.0 • Implementing JSP Tag Extensions • Implementing JavaServer Pages Standard Tag Library 1.2 • Implementing Filters • Working with JavaServer Faces 2.2 • Understanding JavaMail 1.5 • Java EE Design Patterns • Implementing SOA using Java Web Services • Working with Hibernate • Working with Struts 2 • Introduction to Spring 3.0 • Spring Configuration • Spring Web MVC

9789386052216 | Pages: 1196 | ₹ 1599



Data Structures and Algorithms in Java, 6ed, (An Indian Adaptation) | e | IM

Michael T. Goodrich, Roberto Tamassia, Michael H. Goldwasser, Subhasish Banerjee

ABOUT THE AUTHOR

Michael T. Goodrich is a Chancellor's Professor in the Department of Computer Science at University of California, Irvine. Previously, he was a professor at Johns Hopkins University. His research interests include analysis, design, and implementation of algorithms, data security, cloud computing, graph drawing, and computational geometry. He is a Fulbright scholar and a fellow of the American Association for the Advancement of Science (AAAS),

Association for Computing Machinery (ACM), and Institute of Electrical and Electronics Engineers (IEEE).

Roberto Tamassia is the Plastech Professor of Computer Science in the Department of Computer Science at Brown University. He is also the Director of Brown's Center for Geometric Computing. His research interests include data security, applied cryptography, cloud computing, analysis, design, and implementation of algorithms, graph drawing, and computational geometry. He is a fellow of the American Association for the Advancement of Science (AAAS), Association for Computing Machinery (ACM), and Institute of Electrical and Electronics Engineers (IEEE).

Michael Goldwasser is currently a Professor in the Department of Mathematics and Computer Science at Saint Louis University and the Director of their Computer Science program. Previously, he was a faculty member in the Department of Computer Science at Loyola University Chicago. His research interests focus on the design and implementation of algorithms, having published work involving approximation algorithms, online computation, computational biology, and computational geometry.

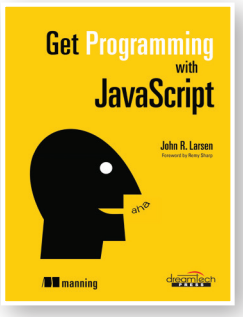
ABOUT THE BOOK

Data Structures and Algorithms in Java offers a comprehensive, definitive introduction to data structures and algorithms, including their design, analysis, and implementation in Java. The contents of the book are organized to provide a pedagogical path that starts with the basics of Java programming and object-oriented design and foundational techniques such as algorithm analysis and recursion. The book then presents fundamental data structures, such as arrays, linked lists, stacks, queues, trees, heaps, maps, hash tables, search trees, and graphs, concluding with a discussion on searching and sorting algorithms and memory management. The book incorporates a host of pedagogical features, including illustrations, code fragments, and end-of-chapter exercises.

TABLE OF CONTENTS

• Introduction to Java • Object-Oriented Programming • Introduction to Data Structures and Algorithms • Arrays and Linked Lists • Recursion • Stacks and Queues • List Abstractions • Trees • Priority Queues and Heaps • Maps, Hash Tables, and Skip Lists • Search Trees • Graphs • Strings and Dynamic Programming • Sorting and Selection • Additional Topics

9789354247934 | Pages: 732 | ₹ 1099



Get Programming with JavaScript

John R. Larsen

ABOUT THE AUTHOR

John Larsen is a mathematics and computing teacher with an interest in educational research. He has an MA in mathematics and an MSc in information technology. He started programming in 1982, writing simple programs for teaching mathematics in 1993, building websites in 2001, and developing data-driven web-based applications for education in 2006.

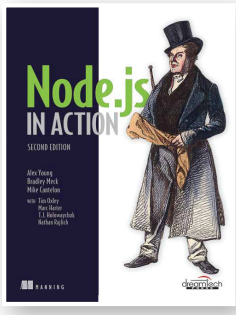
ABOUT THE BOOK

It is a book for beginners, for those with no programming experience. It makes extensive use of online code listings on the JS Bin website, a sandbox where you can experiment with the code and see the results instantly. In addition to shorter examples to illustrate the concepts covered, there is an ongoing example—a text-based adventure game called The Crypt—that you build as you progress through the book. This book contains many examples of source code both in numbered listings and in line with normal text.

TABLE OF CONTENTS

• Core Concepts On The Console • Organizing Your Programs • JavaScript In The Browser

9789386052865 | Pages: 432 | ₹ 799



Node.js in Action, 2ed

Alex Young, Bradley Meck, Mike Cantelon, Tim Oxley, Marc Harter, T.J. Holowaychuk, Nathan Rajlich

ABOUT THE AUTHOR

ALEX YOUNG

Alex is a web developer based in London, England, and is the author of Node.js in Practice (Manning, 2014). Alex created the popular JavaScript blog DailyJS, and is currently employed by Sky as a senior developer for NOW TV.

BRADLEY MECK

Bradley is a member of TC39 and part of the Node.js Foundation. When not working his time is spent working on tooling solutions for Javascript, gardening, and mentoring students. His work at GoDaddy comes after a long resume of using Node.js for other companies like NodeSource and Nodejitsu. While always eager to teach and explain, he tries to keep people motivated because learning is hard for him as well as for many others.

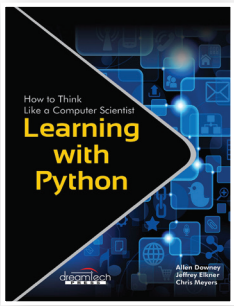
ABOUT THE BOOK

The first edition of Node.js in Action was about web development with a particular focus on the Connect and Express web frameworks. Node.js in Action, Second Edition has been updated to suit the changing requirements of Node development. You'll learn about front-end build systems, popular Node web frameworks, and how to build a web application with Express from scratch. You'll also learn how to create automated tests and deploy Node web applications. Node is being increasingly used for command-line developer tools and desktop applications with Electron, so you'll find chapters dedicated to both of these areas.

TABLE OF CONTENTS

• Welcome To Node • Web Development With Node • Beyond Web Development

9789386052049 | Pages: 392 | ₹ 899



Learning with Python | e

Allen Downey, Jeffrey Elkner, Chris Meyers

ABOUT THE AUTHOR

Allen Downey is a professor of computer science at Wellesley College in Massachusetts.

Jeffrey Elkner is a high school math and computer science teacher at Yorktown High School in Arlington, Virginia.

Chris Meyers is a professional programmer who teaches a beginning Python class at Lane Community College in Eugene, Oregon.

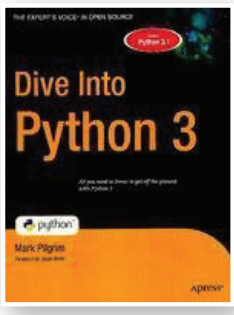
ABOUT THE BOOK

The book is designed to introduce the important concepts of Python programming language in detail. The reader will be able to develop and execute the programs in Python. This book will also help the readers to learn about Functions, Recursion, Iterative Statements, Strings, Lists, Tuples, Dictionaries, Files and Exceptions, Classes and Objects, Methods, Inheritance, Linked Lists, Stacks, Queues and Trees.

TABLE OF CONTENTS

• The way of the program • Variables, expressions and statements • Functions • Conditionals and recursion • Fruitful functions • Iteration • Strings • Lists • Tuples • Dictionaries • Files and exceptions • Classes and objects • Classes and functions • Classes and methods • Sets of objects • Inheritance • Linked lists • Stacks • Queues • Trees • Debugging • Creating a new data type • Recommendations for further reading

9789351198147 | Pages: 280 | ₹ 499



Dive into Python 3: Covers Python 3.1

Mark Pilgrim, Jesse Noller

ABOUT THE AUTHOR

Mark Pilgrim is a developer advocate for open source and open standards.

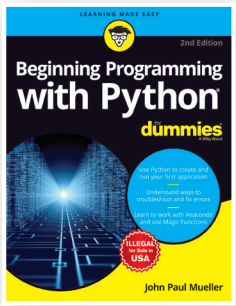
ABOUT THE BOOK

Mark Pilgrim's Dive Into Python 3 is a hands-on guide to Python 3 and its differences from Python 2. As in the original book, Dive Into Python, each chapter starts with a real, complete code sample, proceeds to pick it apart and explain the pieces,and then puts it all back together in a summary at the end.

TABLE OF CONTENTS

• Your First Python Program • Native Datatypes • Comprehensions • Strings • Regular Expressions • Closures and Generators • Classes and Iterators • Advanced Iterators • Unit Testing • Refactoring • Files • XML • Serializing Python Objects • HTTP Web Services • Case Study: Porting chardet to Python 3 • Packaging Python Libraries

9788184899115 | Pages: 412| (Exclusive)



Beginning Programming with Python For Dummies, 2ed | e

John Paul Mueller

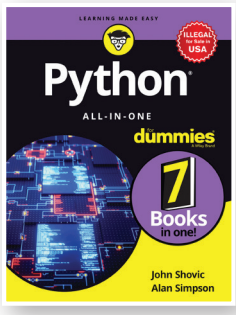
ABOUT THE AUTHOR

John Paul Mueller is a freelance author and technical editor with more than 107 books and 600 articles to his credit. His subjects range from networking and artificial intelligence to database management and heads-down programming. He also consults and writes certification exams.

ABOUT THE BOOK

Python is a remarkably powerful and dynamic programming language that's used in a wide variety of application domains. Some of its key distinguishing features include a very clear, readable syntax, strong introspection capabilities, intuitive object orientation, and natural expression of procedural code. Plus, Python features full modularity, supporting hierarchical packages, exception-based error handling, and modules easily written in C, C++, Java, R, or .NET languages, such as C#. In addition, Python supports a number of coding styles that include: functional, imperative, object-oriented, and procedural.

9788126575251 | Pages: 416 | ₹ 799



Python All-in-One For Dummies | e

John Shovic, Alan Simpson

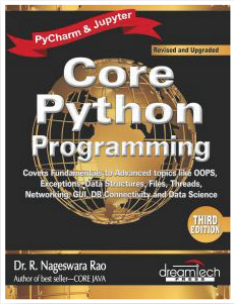
ABOUT THE AUTHOR

John Shovic (Coeur d'Alene, ID) is a computer science faculty member at the University of Idaho. He is also author of Raspberry Pi IoT Projects (APress). Alan Simpson (metro Philadelphia, PA) is a web development professional and prolific tech author with over 100 publications to his credit.

ABOUT THE BOOK

There's almost no type of project that Python can't make better. From creating apps to building complex web sites to sorting big data, Python provides a way to get the work done. Python All-in-One For Dummies offers a starting point for those new to coding by explaining the basics of Python. Experienced coders looking for more than the basics can also find how Python can be applied to projects in the enterprise, including data analysis and other major undertakings.

9789388991216 | Pages: 712 | ₹ 1019



Core Python Programming, 3ed : Covers fundamentals to advanced topics like OOPS, Exceptions, Data structures, Files, Threads, Net | e

Dr. R. Nageswara Rao

ABOUT THE AUTHOR

Dr. R. Nageswara Rao, the author of the best seller 'Core Java – an Integrated Approach' and 'Core C' comes out with this remarkable new book 'Core Python Programming'. College students can use this book to learn Python from scratch and professionals can use it for their reference. Dr R Nageswara Rao started his teaching career in 1993 as HOD, Dept of Computers under Andhra and Osmania Universities. Later, he became a Project Manager in a startup company and also worked as a freelance developer for a couple of organizations.

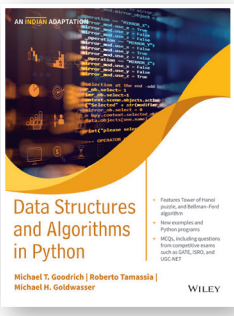
ABOUT THE BOOK

This book covers all concepts in simple and easy to understand English. It helps to build logic, which becomes a stepping stone for programming. Hundreds of solved programs help students of different universities do well in their examinations and job interviews. It works like a handy reference to the Software professionals in their programming. Every chapter is supplemented with 'Points to Remember' to recap and retain the subject.

TABLE OF CONTENTS

• Introduction to Python • Writing Our First Python Program • Datatypes in Python • Operators in Python • Input and Output • Control Statements • Arrays in Python • Strings and Characters • Functions • Lists and Tuples • Dictionaries • Introduction to Oops • Classes and Objects • Inheritance and Polymorphism • Abstract Classes and Interfaces • Exceptions • Files in Python • Regular Expressions in Python • Data Structures in Python • Date and Time • Threads • Graphical User Interface • Networking in Python • Python's Database Connectivity • Data Science Using Python • PyCharm and Jupyter • Program Index

9789390457151 | Pages: 792 | ₹ 849



Data Structures and Algorithms in Python (An Indian Adaptation) | e | IM

Michael T. Goodrich, Roberto Tamassia, Michael H. Goldwasser

ABOUT THE AUTHOR

Michael T. Goodrich is a Chancellor's Professor in the Department of Computer Science at University of California, Irvine. Previously, he was a professor at Johns Hopkins University. His research interests include analysis, design, and implementation of algorithms, data security, cloud computing, graph drawing, and computational geometry. He is a Fulbright scholar and a fellow of the American Association for the Advancement of Science (AAAS), Association for Computing Machinery (ACM), and Institute of Electrical and Electronics Engineers (IEEE).

Roberto Tamassia is the Plastech Professor of Computer Science in the Department of Computer Science at Brown University. He is also the Director of Brown's Center for Geometric Computing. His research interests include data security, applied cryptography, cloud computing, analysis, design, and implementation of algorithms, graph drawing, and computational geometry. He is a fellow of the American Association for the Advancement of Science (AAAS), Association for Computing Machinery (ACM), and Institute of Electrical and Electronics Engineers (IEEE).

Michael Goldwasser is currently a Professor in the Department of Mathematics and Computer Science at Saint Louis University and the Director of their Computer Science program. Previously, he was a faculty member in the Department of Computer Science at Loyola University Chicago. His research interests focus on the design and implementation of algorithms, having published work involving approximation algorithms, online computation, computational biology, and computational geometry. He is also active in the computer science education community.

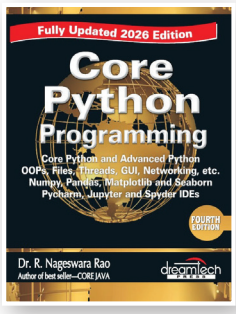
ABOUT THE BOOK

Data Structures and Algorithms in Python offers a comprehensive, definitive introduction to data structures and algorithms, including their design, analysis, and implementation in Python. Utilizing a consistent object-oriented viewpoint throughout the book, it provides detailed algorithmic strategies for producing efficient realizations of common data structures such as arrays, stacks, queues, linked lists, trees, maps, hash tables, search trees, and graphs. The book also provides an in-depth analysis of algorithmic performance that helps readers to recognize common trade-offs between competing strategies. The book incorporates a host of pedagogical features, including illustrations, code fragments, and end-of-chapter exercises.

TABLE OF CONTENTS

• Introduction to Python • Object-Oriented Programming • Introduction to Data Structures and Algorithms • Recursion • Array-Based Sequences • Stacks • Queues • Linked Lists • Trees • Priority Queues • Maps, Hash Tables, and Sets • Search Trees • Sorting Algorithms • Graph Algorithms • Text Processing • Memory Management and B-Trees

9789354247866 | Pages: 808 | ₹ 975



Core Python Programming, 4ed

Dr. R. Nageswara Rao

ABOUT THE AUTHOR

Dr. R. Nageswara Rao, the author of the best seller 'Core Java – an Integrated Approach' and 'Core C' comes out with this remarkable new book 'Core Python Programming'. College students can use this book to learn Python from scratch and professionals can use it for their reference. Dr R Nageswara Rao started his teaching career in 1993 as HOD, Dept of Computers under Andhra and Osmania Universities. Later, he became a Project Manager in a startup company and also worked as a freelance developer for a couple of organizations. He first started teaching C and C++ and then Java to more than 2,00,000+ students at Ameerpet, Hyderabad. Previously, he

was on the editorial board of 'Computer Vignanam', a widely circulated monthly magazine, and published several articles on various technologies. Currently, he is the founder director for 'Nageswarao Datatechs' (visit: datatechs.in) and offers specialized teaching in Python, Django, Data Science and Machine Learning technologies to thousands of students including students from foreign countries.

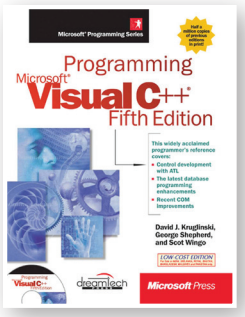
ABOUT THE BOOK

Core Python Programming, 4th Edition is a comprehensive and easy-to-understand guide designed to build a strong foundation in Python programming. Recognized as one of the most in-demand programming languages, Python is essential for students and professionals, and this book offers a structured approach to mastering it from basics to advanced concepts. The book covers all core topics including data types, control structures, functions, modules, object-oriented programming, exception handling, and file handling, along with advanced areas such as GUI development, networking, database connectivity, multithreading, and data analytics using popular libraries like NumPy, Pandas, and Matplotlib. Written in a clear and student-friendly style, it includes numerous examples and exercises to support practical learning. Aligned with academic curricula and tailored for Indian students, it serves as an ideal textbook for undergraduate and postgraduate courses, as well as a useful resource for beginners and aspiring programmers.

TABLE OF CONTENTS

• Chapter 1: Introduction to Python • Chapter 2: Writing Our First Python Program • Chapter 3: Datatypes in Python • Chapter 4: Operators in Python • Chapter 5: Input and Output • Chapter 6: Control Statements • Chapter 7: Numpy and Creating Arrays • Chapter 8: Strings and Characters • Chapter 9: Functions • Chapter 10: Lambdas • Chapter 11: Lists and Tuples • Chapter 12: Dictionaries • Chapter 13: Introduction to OOPS • Chapter 14: Classes and Objects • Chapter 15: Inheritance And Polymorphism • Chapter 16: Abstract Classes and Interfaces • Chapter 17: Exceptions • Chapter 18: Files in Python • Chapter 19: Regular Expressions in Python • Chapter 20: Data Structures in Python • Chapter 21: Date and Time • Chapter 22: Threads • Chapter 23: Graphical User Interface • Chapter 24: Networking in Python • Chapter 25: Python's Database Connectivity • Chapter 26: Pandas – The Data Analysis Package • Chapter 27: Matplotlib – The Data Visualization Package • Chapter 28: Seaborn – The Advanced Data Visualization Package • Chapter 29: Pycharm, Jupyter and Spyder

9789391540913 | Pages: 852 | ₹ 949



Programming Microsoft Visual C++, 5ed

David K. Kruglinski, Scot Wingo, George Shepherd

ABOUT THE AUTHOR

David Kruglinski was on the team that originally created Microsoft Visual C++. After completing the fourth edition of his widely selling book, David died in a paragliding accident in eastern Washington in April 1997.

George Shepherd and Scot Wingo are principals at Stingray Software, a division of RogueWave Corporation,and coauthors of MFC Internals, published by Addison-Wesley."

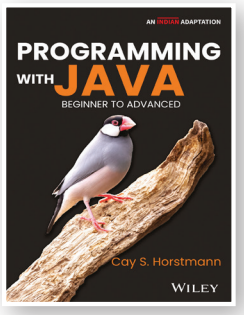
ABOUT THE BOOK

The industry Bible. Programming Microsoft Visual C++, Fifth edition, is the newest edition of the book that has become the industry's most trusted text (previously published as Inside Visual C++). Newly expanded and updated for Microsoft Visual C++ 6.0, it offers even more of the detailed, comprehensive coverage that's consistently made this book the best overall explanation of the capabilities of this powerful and complex development tool. The companion CD-ROM contains valuable sample source code and sample applications developed for the book - to make Programming Microsoft Visual C++, Fifth Edition, one book you'll want to keep close at hand.

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• Introduction • Windows, Visual C++, and Application Framework Fundamentals • The MFC Library View Class • The Document-View Architecture • Active X: Com, Automation, and Ole • Pt. V Database Management • Programming for the Internet • App. A Message Map Functions in the Microsoft Foundation Class Library • App. B MFC Library Runtime Class Identification and Dynamic Object Creation • Index

9789350041062 | Pages: 1184 | ₹ 699



Programming with Java, 7ed (An Indian Adaptation) : Beginner to Advanced | e | IM

Cay S. Horstmann

ABOUT THE AUTHOR

Cay S. Horstmann San Jose State University

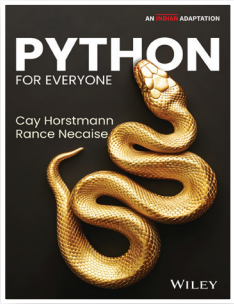
ABOUT THE BOOK

"Programming With Java Beginner to Advanced, 7th Edition is a comprehensive guide designed to introduce Java programming to beginners. This edition is tailored for learners with no prior programming experience and requires only a basic understanding of high school algebra. The book employs objects and classes from Java's standard library from the outset, with a structured introduction to object-oriented design commencing in Chapter 8. This gradual approach allows students to familiarize themselves with object usage early on while learning their core algorithmic concepts, thereby avoiding the development of improper coding practices. The latter half of the book covers algorithms and data structures at a level suitable for novice programmers.

TABLE OF CONTENTS

• Introduction • Using Objects • Implementing Classes • Fundamental Data Types • Decisions • Loops • Arrays and Array Lists • Designing Classes • Inheritance • Interfaces • Input/Output and Exception Handling • Object-Oriented Design • Recursion • Sorting and Searching • The Java Collections Framework • Basic Data Structures • Tree Structures • Generic Classes • Stream Processing • Graphical User Interfaces • Advanced Input/ Output* (Etext Only) • Multithreading* (E-text Only) • Internet Networking* (E-text Only) • Relational Databases* (E-text Only) • Xml* (E-text Only)

9789363865549 | Pages: 1048 | ₹ 1099



Python For Everyone, 3ed (An Indian Adaptation) | e | IM

Cay S. Horstmann, Rance D. Necaise

ABOUT THE AUTHOR

Cay Horstmann San Jose State University

Rance Necaise Randolph-Macon College

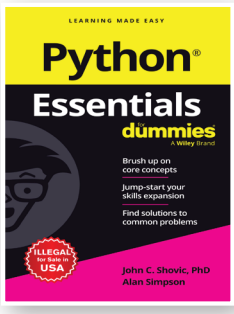
ABOUT THE BOOK

Python for Everyone, 3rd Edition is renowned for its clear, accessible language and its practical approach to learning. It is suitable for course in programming for computer scientists, engineers, and students in other disciplines. Starting with the fundamentals and progressing to sophisticated programming techniques, the book covers essential topics such as data structures, algorithms, object-oriented programming, and even dives into Python's powerful applications in data science and machine learning. It empowers readers to not just understand Python syntax but to also apply it effectively to solve real-world problems

TABLE OF CONTENTS

• Introduction to Programming • Programming with Numbers And Strings • Decisions • Loops • Functions • Lists • Files and Exceptions • Sets and Dictionaries • Objects and Classes • Inheritance • Recursion • Sorting and Searching (Online)

9789357465304 | Pages: 732 | ₹ 1099



Python Essentials For Dummies | e

John C. Shovic, Alan Simpson

ABOUT THE AUTHOR

John C. Shovic, PhD, is a computer science faculty member specializing in robotics and artificial intelligence at the University of Idaho.

Alan Simpson is a web development professional and prolific tech author with more than 100 publications to his credit.

ABOUT THE BOOK

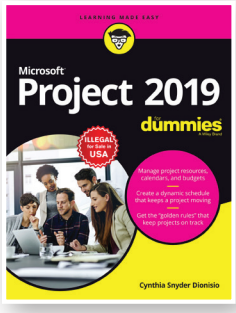
The no-nonsense way to get started coding in the Python programming language Python Essentials For Dummies is a quick reference to all the core concepts in Python, the multifaceted general-purpose language used for everything from building websites to creating apps. This book gets right to the point, with no excess review, wordy explanations, or fluff, making it perfect as a desk reference on the job or as a brush-up as you expand your skills in related areas. Focusing on just the essential topics you need to know to brush up or level up your Python skill, this is the reliable little book you can always turn to for answers.

TABLE OF CONTENTS

• Starting with Python • Using Interactive Mode, Getting Help, and Writing Apps • Python Elements and Syntax • Building Your First Python Application • Working with Numbers, Text, and Dates • Controlling the Action • Speeding Along with Lists and Tuples • Wrangling Bigger Chunks of Code • Sidestepping Errors • Working with External Files • Juggling JSON Data • Interacting with the Internet • Libraries, Packages, and Modules • The Ten Most Essential Aspects of Python

9789363868618 | Pages: 192 | (Exclusive)

PROJECT MANAGEMENT



Microsoft Project 2019 For Dummies | e

Cynthia Snyder Dionisio

ABOUT THE AUTHOR

Cynthia Snyder Dionisio is a project management consultant, trainer, and author with a dozen books to her credit. She leads the team that creates the PMBOK Guide, the guidebook that outlines the project management standards and frameworks advocated by the Project Management Institute.

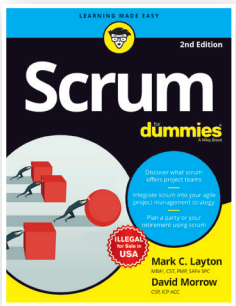
ABOUT THE BOOK

Microsoft Project can be a godsend for project managers. The powerful software helps both full-time project managers and those who manage projects as one of many job functions keep projects on track. Microsoft Project 2019 For Dummies offers some assistance with this valuable software assistant. Written by a project management pro, the book helps you figure out the nuts and bolts of the software while providing valuable project management insight that keeps tasks on schedule and projects under budget.

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• Getting Started with Project 2019 • Managing Resources • Before You Baseline • Staying on Track • The Part of Tens

9788126523207 | Pages: 364 | ₹ 749



Scrum For Dummies, 2ed | e

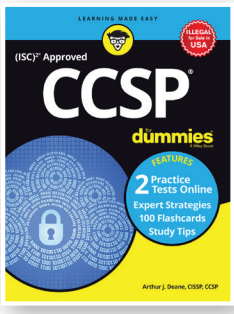
Mark C. Layton, David Morrow

ABOUT THE AUTHOR

Mark C. Layton is an organizational strategist and PMI certification instructor with over 20 years of experience in the project and program management field. He is the Los Angeles chair for the Agile Project Leadership Network, a certified Project Management Professional (PMP), a Certified Scrum Trainer (CST), and the co-author of Agile Project Management for Dummies.

9788126575992 | Pages: 412 | ₹ 749

SECURITY



CCSP For Dummies with Online Practice | e

Arthur J. Deane

ABOUT THE AUTHOR

Arthur J. Deane (Washington, DC) is a security and compliance executive at Google. He is a technical professional with 12+ years experience in information security, cloud security, IT risk management, and systems engineering.

ABOUT THE BOOK

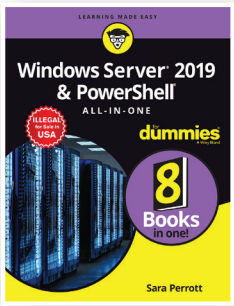
If you are a cloud security professional seeking your CSSP certification, this book is a perfect way to prepare for the exam. Covering in detail all six domains, the expert advice in this book gives you key information you'll need to pass the exam. In addition to the information covered on the exam, you'll get tips on setting up a study plan, tips for exam day, and access to an online test bank of questions.

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• Starting Your CCSP Journey • Exploring the CCSP Certification Domains • The Part of Tens

9789354245770 | Pages: 380 | ₹ 959

SERVER ADMINISTRATION



Windows Server 2019 & PowerShell All-in-One For Dummies | e

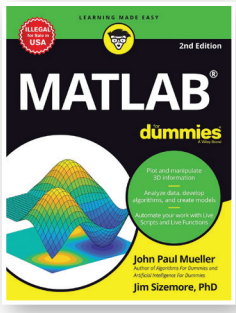
Sara Perrott

ABOUT THE AUTHOR

Windows Server runs about a third of the hardware that runs the Internet. This book offers a single reference to help you build and expand your knowledge of all things Windows Server, including the all-important PowerShell framework. Written by a pair of networking pros, this book covers the broad range of topics a system administrator needs to know to run Windows Server 2019, including how to install, configure, and secure a system.

9788126534500 | Pages: 780 | ₹ 949

SIMULATION



MATLAB For Dummies, 2ed | e

John Paul Mueller, Jim Sizemore

ABOUT THE AUTHOR

John Paul Mueller is a freelance author and technical editor. He has writing in his blood, having produced hundreds of books and articles to date. The topics range from networking to home security and from database management to heads-down programming. During his time at Cubic Corporation, John was exposed to reliability engineering and has had a continued interest in probability ever since. He is a veteran Dummies author.

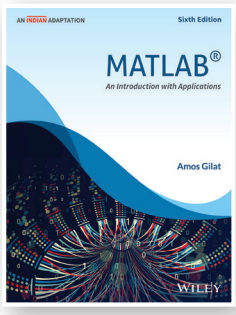
ABOUT THE BOOK

MATLAB is a high-level language and problem-solving environment used across all the STEM (science, technology, engineering, and mathematics) fields and commonly adopted for use in colleges around the world. The computational tools within the software are powerful and can be easy to use with experience, but a comprehensive and easy-to-use manual is an essential introduction. MATLAB For Dummies is a painless introduction to one of the most popular software tools for numerical computation, visualization, and programming and will cover everything a student or new professional would need to get started.

TABLE OF CONTENTS

• Getting Started With MATLAB • Manipulating and Plotting Data in MATLAB • Streamlining MATLAB • Employing Advanced MATLAB Techniques • Specific MATLAB Applications • The Part of Tens

9789357460354 | Pages: 496 | ₹ 959



MATLAB: An Introduction with Applications, 6ed (An Indian Adaptation) | e | IM

Amos Gilat

ABOUT THE BOOK

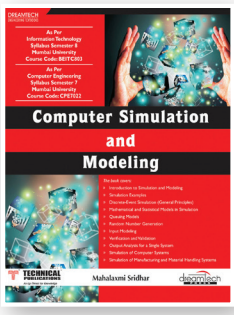
MATLAB: An Introduction with Applications is known for its just-in-time learning approach that gives students information when they need it. The 6th Edition gradually presents the latest MATLAB functionality in detail. The book includes numerous sample problems in mathematics, science, and engineering that are similar to the problems encountered by new users of MATLAB. This book is intended for students who are using MATLAB for the first time and have little or no experience in computer programming. It can be used as a textbook in first-year engineering courses or as a reference in more advanced science and engineering courses where MATLAB is introduced as a tool for solving problems.

TABLE OF CONTENTS

• Starting with MATLAB • Creating Arrays • Mathematical Operations with Arrays • Using Script Files and Managing Data • Two-Dimensional Plots • Programming in MATLAB • User-Defined

Functions and Function Files • Polynomials, Curve Fitting, and Interpolation • Applications in Numerical Analysis • Three-Dimensional Plots • Symbolic Math • Simulink

9789357462174 | Pages: 472 | ₹ 1099



Computer Simulation and Modeling

Mahalaxmi Sridhar

ABOUT THE AUTHOR

Mahalaxmi Sridhar has 14+ years of teaching experience, with 11 years in the subject of Computer Simulation of Modeling. In her teaching career, she has taught various subjects like Computer Simulation and Modeling, Operating Systems, Software Engineering, Software Project Management, Data Structures, Programming Languages (C, C++ and Java). Currently, she is serving as a senior faculty member in the Department of Information Technology at Don Bosco Institute of Technology, Mumbai, for the past 11+ years.

ABOUT THE BOOK

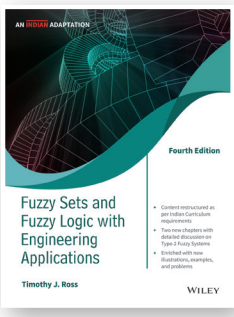
This book introduces to the world of simulation and modeling. Simulation is the imitation of the operation of a real-world process or system over time. Simulation and modeling help in studying the behavior of a system over a period of time. Simulation also helps in testing a system for its efficiency, accuracy and effectiveness. There are various techniques for simulation, which have been expounded in this book. The book also discusses about simulation on computer system and simulation of manufacturing and material handling system.

TABLE OF CONTENTS

• Introduction to Simulation and Modeling • Simulation Examples • Discrete-Event Simulation (General Principles) • Mathematical and Statistical Models in Simulation • Queuing Models • Random Number Generation • Random Variate Generation • Input Modeling • Verification and Validation • Output Analysis for a Single System • Simulation of Computer Systems • Simulation of Manufacturing and Material Handling Systems

9789351199267 | Pages: 444 | (Exclusive)

SOFT COMPUTING



Fuzzy Sets and Fuzzy Logic with Engineering Applications, 4ed, An Indian Adaptation | e | IM

Timothy J. Ross

ABOUT THE AUTHOR

Timothy J. Ross is Professor and Regents' Lecturer of Civil Engineering at the University of New Mexico. He received his PhD in Civil Engineering from Stanford University, his MS from Rice University, and his BS from Washington State University. Professor Ross has held previous positions as Senior Research Structural Engineer, Air Force Weapons Laboratory, from 1978 to 1986; and Vulnerability Engineer, Defense Intelligence Agency, from 1973 to 1978. Professor Ross has authored more than 150 publications and has been active in the research and teaching of fuzzy logic since 1983.

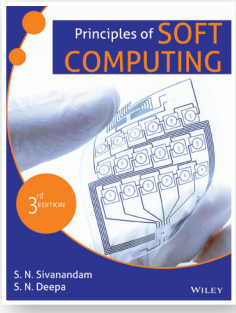
ABOUT THE BOOK

This Indian adaptation features new illustrations and examples throughout the book. This will benefit student learning in all basic operations, the generation of membership functions, conversion to crisp quantities, decision-making techniques and specialized applications in the latter chapters of the book, providing an invaluable tool for students as well as for self-study by practicing engineers. Each chapter now includes some new examples and end-of-chapter problems.

TABLE OF CONTENTS

• Classical Sets and Fuzzy Sets • Classical Relations and Fuzzy Relations • Properties of Membership Functions, Fuzzification, Membership Value Assignments, and efuzzification • Logic and Fuzzy Systems with Rule Inferences • Fuzzy Control Systems • Fuzzy Classification and Pattern Recognition • Automated Methods for Fuzzy Systems • Fuzzy Systems Simulation • Decision Making with Fuzzy Information • Applications of Fuzzy Systems Using Miscellaneous Models • Monotone Measures : Belief, Plausibility, Probability, and Possibility • Introduction to Type-2 Fuzzy Logic • Applications of Type-2 Fuzzy Systems

9788126502608 | Pages: 732 | ₹ 1199



Principles of Soft Computing, 3ed | e | IM

S.N. Sivanandam, S.N. Deepa

ABOUT THE AUTHOR

S.N. Sivanandam completed his BE (Electrical and Electronics Engineering) in 1964 from Government College of Technology, Coimbatore and MSc (Engineering) in Power System in 1966 from PSG College of Technology, Coimbatore. He acquired his PhD in Control Systems in 1982 from Madras University. He has received Best Teacher Award in the year 2001 and Dhakshina Murthy Award for Teaching Excellence from PSG College of Technology.

S.N. Deepa completed her BE Degree from Government College of Technology, Coimbatore in 1999, ME Degree from PSG College of Technology, Coimbatore in 2004 and PhD degree in Electrical Engineering from Anna University, Chennai in 2008. She is currently Associate Professor, Department of Electrical and Electronics Engineering, Anna University, Regional Campus, Coimbatore. She was a gold medalist in her BE Degree Programme.

ABOUT THE BOOK

This book is meant for a wide range of readers, who wish to learn the basic concepts of soft computing. It can also be useful for programmers, researchers and management experts who use soft computing techniques. The basic concepts of soft computing are dealt in detail with the relevant information and knowledge available for understanding the computing process. The various neural network concepts are explained with examples, highlighting the difference between various architectures. Fuzzy logic techniques have been

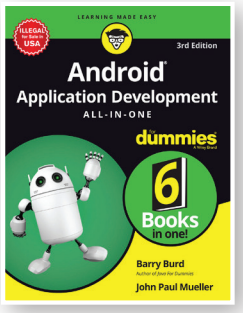
clearly dealt with suitable examples. Genetic algorithm operators and the various classifications have been discussed in lucid manner, so that a starter can understand the concepts with a minimal effort.

TABLE OF CONTENTS

• Artificial Neural Network: An Introduction • Supervised Learning Network • Associative Memory Networks • Unsupervised Learning Networks • Special Networks • Third-Generation Neural Networks • Clustering of Self-Organizing Feature Maps • Stability Analysis of a Class of Artificial Neural Network Systems • Introduction to Fuzzy Logic, Classical Sets and Fuzzy Sets • Classical Relations and Fuzzy Relations • Membership Function • Defuzzification • Fuzzy Arithmetic and Fuzzy Measures • Fuzzy Rule Base and Approximate Reasoning • Fuzzy Decision Making • Fuzzy Logic Control Systems • Fuzzy Cognitive Maps • Type-2 Fuzzy Sets and Embedded Fuzzy Sets • Stability Analysis of Certain Classes of Fuzzy Systems • Genetic Algorithm • Differential Evolution Algorithm • Hybrid Soft Computing Techniques • Applications of Soft Computing ·Soft Computing Techniques Using C and C++ • MATLAB Environment for Soft Computing Technique

9788126577132 | Pages: 788 | ₹ 1099

SOFTWARE DEVELOPMENT



Android Application Development All-In-One for Dummies, 3ed | e

Barry Burd, John Paul Mueller

ABOUT THE AUTHOR

Barry Burd (Madison, NJ) Dr. Barry Burd holds a M.S. in Computer Science from Rutgers University, and a Ph.D. in Mathematics from the University of Illinois. As a teaching assistant in Champaign-Urbana, Illinois, he was elected five times to the university-wide List of Teachers Ranked as Excellent by their Students.

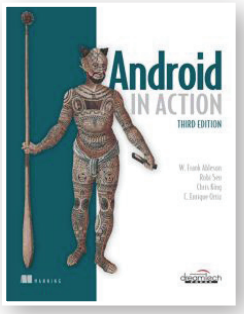
ABOUT THE BOOK

6 books in 1 takes you from Android newbie to confident programmer! Follow along with Java expert Barry Burd as he introduces you to Android programming in six self-contained minibooks! Series Features: Like all For Dummies books, this book will be written in clear, plain English explanations and careful organization that make For Dummies the easiest way for experienced programmers to get up to speed quickly!

TABLE OF CONTENTS

• Getting Started with Android Application Development • Android Background Material • The Building Blocks • Programming Cool Phone Features • Apps for Tablets, Watches, TV Sets, and Cars • The Job Isn't Done Until

9789354245787 | Pages: 812 | ₹ 949



Android in Action, 3ed

W.Frank Ableson, Robi Sen, Chris King, C.Enrique Ortiz

ABOUT THE AUTHOR

Frank Ableson is a writer, product strategist, and mobile developer. Robi Sen specializes in new products, and Chris King is a senior mobile engineer.

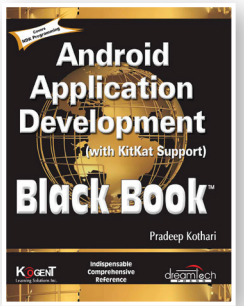
ABOUT THE BOOK

Android in Action, Third Edition takes you far beyond ""Hello Android"". You will master the SDK, build WebKit apps using HTML 5, and even learn to extend or replace Android's built-in features. You will find interesting examples on every page as you explore cross-platform graphics with RenderScript, the updated notification system, and the Native Development Kit. This book also introduces important tablet concepts like drag-and-drop, fragments, and the Action Bar, all new in Android 3.

TABLE OF CONTENTS

• Part 1 What is Android? The big picture • Part 2 Exercising the Android SDK • Part 3 Android applications • Part 4 The maturing platform • Appendix A Installing the Android SDK • Appendix B Publishing applications • Index

9789350042915 | Pages: 660| ₹ 999



Android Application Development (With Kitkat Support), Black Book | e

Pradeep Kothari, Kogent Learning Solutions Inc.

ABOUT THE AUTHOR

Pradeep Kothari has about 9 years of industry experience in developing, architecting and deploying enterprise-level mobile technological product and solutions for Windows mobile, J2ME, Android, and iOS based devices while working in some top technology companies in the domain of Telecom, Gaming, Mobile content solutions, and Education technology.

The proficient team at Kogent Learning Solutions Inc. and Dreamtech Press has seized the market of computer books bringing excellent content in software development to the fore. The team is committed to excellence-excellence in quality of content; excellence in the dedication of its authors and editors; excellence in the attention to detail; and excellence in understanding the needs of their readers.

ABOUT THE BOOK

"The book, Android Application Development Black Book is a one-time reference book that covers all aspects of Android application development in an easy-to-understand approach-for example, how to design user interface by using Views and ViewGroups, how to persistently store data by using content providers, how to design mobile applications displaying pictures and menus by using Views, how to develop Android mobile applications for sending messages and e-mails, how to work with location services and maps, how to

run background services in the mobile applications, how to develop applications supporting audio, video and camera of a mobile device, etc.

TABLE OF CONTENTS

• Fundamentals of Java for Android Application Development • Getting an Overview of Android • Using Activities, Fragments and Intents in Android • Working with the User Interface Using Views and View Groups • Handling Pictures and Menus with Views • Storing the Data Persistently • Emailing and Networking in Android • Working with Location Services and Maps • Working with Graphics and Animation • Audio, Video and Camera • Threads and Services • Bluetooth, NFC, and Wi-Fi • Telephony and SMS • Hardware Sensors • Widgets and Live Wallpapers in Android • Working with NDK • Publishing, Monetizing and Distributing Android Applications

9789351194095 | Pages: 580 | ₹ 799



Android App Development for Dummies, 3ed | e

Michael Burton

ABOUT THE AUTHOR

Michael Burton is the Engineering Manager for Android at Groupon and the creator of the popular RoboGuise programming framework for Android that is used by thousands of apps and hundreds of millions of users. Michael is the author for the Groupon, Digg, TripIt and OpenTable Android apps. Michael is in the top 10% of contributors for the Android and Java tags on Stackoverflow.

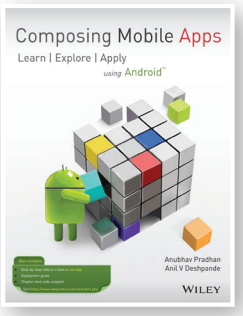
ABOUT THE BOOK

If you have ambitions to build an Android app, this hands-on guide gives you everything you need to dig into the development process and turn your great idea into a reality! In this new edition of Android App Development For Dummies, you'll find easy-to-follow access to the latest programming techniques that take advantage of the new features of the Android operating system. Plus, two programs are provided: a simple program to get you started and an intermediate program that uses more advanced aspects of the Android platform.

TABLE OF CONTENTS

• Getting Started with Your First Android Application • Building and Publishing Your First Application • Creating a Feature-Rich Application • Android Is More than Phones • The Part of Tens

9788126557868 | Pages: 440 | ₹ 899



Composing Mobile App, Learn | Explore | Apply | e

Anubhav Pradhan, Anil V Deshpande

ABOUT THE AUTHOR

Anubhav Pradhan heads the mobility academy at Infosys Limited that caters to diversified competency development requirements across a wide spectrum of mobile technologies.
Anil V Deshpande is a senior member of the Mobility academy at Infosys Limited, and has been responsible for providing consultancy to delivery teams on mobile apps development and validation.

ABOUT THE BOOK

Composing Mobile Apps attempts to present various mobile app development approaches and technologies along with required hands-on knowledge to deal with the nitty-gritties of designing, developing, validating, packaging and publishing them. A live mobile app has been built incrementally throughout the book using Android.

TABLE OF CONTENTS

• Part I Introduction • Chapter 1 Mobility and Android • Chapter 2 Getting Started with Android • Chapter 3 Learning with an Application - 3CheersCable • Part II Building Blocks • Chapter 4 App User Interface • Chapter 5 App Functionality - Beyond UI • Chapter 6 App Data - Persistence and Access • Part III Sprucing Up • Chapter 7 Graphics and Animation • Chapter 8 Multimedia • Chapter 9 Location Services and Maps • Chapter 10 Sensors • Part IV Moving To Market • Chapter 11 Testing Android Apps • Chapter 12 Publishing Apps

9788126546602 | Pages: 284 | ₹ 957



iOS App Development for Dummies

Jesse Feiler

ABOUT THE AUTHOR

Jesse Feiler is a developer, consultant and author specializing in Apple technologies. He is the creator of Minutes Machine for iPad, the meeting management app and Saranac River Trail --both available in Apple's App Store. He is heard regularly on WAMC Public Radio for the Northeast's The Roundtable.
Neal Goldstein is a recognized leader in making state of the art and cutting edge technologies practical for

ABOUT THE BOOK

Creating a killer universal iPhone and iPad application by creating a great user experience, becoming an Apple developer, downloading the iPad SDK, provisioning the iPhone and iPad, understanding how iPhone and iPad applications run and the differences between them and going through the development of two applications step-by-step as a way to understand nib files, views, view controllers, interface objects, gesture recognizers and much, much more!

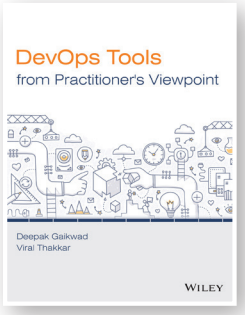
TABLE OF CONTENTS

• Introduction • Part I: Getting Started • Chapter 1: What Makes a Great iOS App • Chapter 2: Getting to Know the SDK • Chapter 3: The Nuts and Bolts of an Xcode Project • Part II: Building RoadTrip • Chapter 4: Storyboards and the User Experience • Chapter 5: Creating the RoadTrip User Interface • Chapter 6: The Runtime, Managing Memory and Using Properties • Chapter 7: Working with the Source Editor • Part III: Getting Your Feet Wet: Basic Functionality • Chapter 8: It's (Finally) Time to Code • Chapter 9: Adding Outlets and Actions to Your RoadTrip Code • Chapter 10: Adding Animation and Sound to Your App • Part IV: The Model and the App Structure • Chapter 11: The Trip Model • Chapter 12: Implementing the Master

View Controller • Chapter 13: Working with Split View Controllers and the Master View Chapter 14: Finishing the Basic App Structure • Part V: Adding the App Content • Chapter 15: How's the Weather? Working with Web Views • Chapter 16: Displaying Events Using a Page View ControllerChapter 17: Finding Your Way • Chapter 18: Geocoding • Chapter 19: Finding a Location • Chapter 20: Selecting a Destination • Part VI: The Part of Tens • Chapter 21: Ten Ways to Be Successful with Apps • Chapter 22: Ten Ways to Be a Happy Developer • Index

9788126550548 | Pages: 576 | ₹ 539

SOFTWARE ENGINEERING



DevOps Tools from Practitioner's Viewpoint | e

Deepak Gaikwad, Viral Thakkar

ABOUT THE AUTHOR

Deepak Gaikwad Senior Technology Architect Infosys Ltd.

Viral Thakkar AVP, Senior Principal Technology Architect Infosys Ltd.

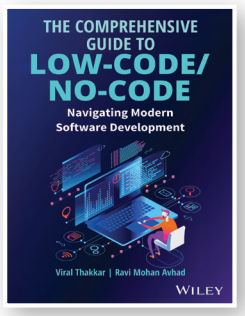
ABOUT THE BOOK

This book includes proven step-by-step methodology to adopt DevOps in any project. It provides precise knowledge of tools to architect effective pipelines by selecting tools suitable for specific scenarios. Readers can do this by using features, comparative study, pros and cons, reference architectures and much more about most of the popular tools in open-source and proprietary market. Basic and advance Agile and DevOps concepts in practical context have been discussed to lay strong knowledge foundation for the readers. As DevOps is a continuous process, the establishment of governance around DevOps has been discussed to ensure that projects continue to evolve as they progress in this journey.

TABLE OF CONTENTS

• The World without DevOps, Really? • Agile Methodology and DevOps • Map My App to DevOps Journey • Tool Suits • Orchestration • Application Lifecycle Management • Source Code Management and Quality • Deployment and Infrastructure Management • DevOps with Cloud • Application Security • DevOps Governance and Controls • Adopting DevOps • DevOps Best Practices • DevOps Emerging Trends

9788126579952 | Pages: 176 | ₹ 861



The Comprehensive Guide to Low-Code/No-Code : Navigating Modern Software Development | e | IM

Viral Thakkar, Ravi Mohan Avhad

ABOUT THE AUTHOR

Viral Thakkar, Associate Vice President & Unit Technology Officer, Infosys NEXT100 CIO Award 2025 winner, 25+ years in enterprise IT and application development. Led global hackathons, championed LC/NC, AI, and cloud-native services. Speaker at NASSCOM and other industry events; co-author of DevOps—A Practitioner's Viewpoint"".

Ravi Mohan Avhad, Principal Technology Architect, Infosys NEXT100 CIO Award 2025 winner, 20+ years in IT strategy, enterprise architecture, and digital transformation. Certified in AWS, Azure, Oracle Cloud, OutSystems, and Quickbase. Led enterprise LC/NC initiatives and global hackathons; speaker at DSCI and NASSCOM.

ABOUT THE BOOK

The Comprehensive Guide to Low-Code/No-Code is the essential resource for understanding, implementing, and scaling LC/NC platforms in modern software development. The book is structured in five parts, taking readers from the basics and evolution of LC/NC, through core principles and practices, to integrating emerging technologies (AI, IoT, Blockchain, Cloud), and finally to strategic, economic, and governance insights for enterprise and global adoption.

Salient Features:

1.End-to-End Coverage: From history and fundamentals to advanced integration with AI, IoT, Blockchain, and Cloud.

2.Hands-On Learning: Visual development, workflow automation, data integration, security, testing, and debugging—all with practical examples and caselets.

3.Industry Case Studies: Real-world implementations in healthcare, finance, retail, manufacturing, government, and emerging markets.

4.Strategic Focus: Governance, security, compliance, scaling for enterprise, and economic impact.

5.Future-Ready: Explores trends like Generative AI, hyperautomation, multi-experience platforms, and sustainability.

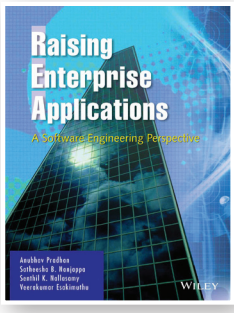
6.Pedagogical Tools: Learning outcomes, summaries, MCQs, review and descriptive questions, critical thinking exercises, and instructor resources.

TABLE OF CONTENTS

• Section 1: Introduction • Chapter 1: Unlocking the World of Low-Code/No-Code • Chapter 2: The Evolution of Low-Code/No-Code Platforms: From Inception to Innovation • Chapter 3: Benefits and Challenges • Chapter 4: Current Landscape and Future Trends • Section 2: Fundamentals of Low-Code/No-Code • Chapter 5: Understanding Low-Code/No-Code Platforms • Chapter 6: Building with Blocks: Essential Components and Features • Chapter 7: Choosing the Right Path: Comparative Analysis of Low-Code/No-Code and Traditional Development • Chapter 8: Foundational Steps: Establishing Scope, Goals, and Success Criteria in Low-Code/No-Code Projects • Section 3: Core Principles & Practices • Chapter 9: Design Thinking and User-Centric Design • Chapter 10: Optimising User Experience (UX) • Chapter 11: Workflow Automation • Chapter 12: Data Integration and Management • Chapter 13: Security and Compliance • Chapter 14: Testing and Debugging in Low-Code/No-Code • Chapter 15: Caselet: Design and Prototyping • Chapter 16: Caselet: Development and Testing • Section 4: Integrating Emerging Technologies • Chapter 17: Empowering Innovation with Artificial Intelligence/Machine Learning in LC/NC Platforms • Chapter 18: Internet of Things (IoT) Innovations with Low-Code/No-Code • Chapter 19: Blockchain Solutions • Chapter 20: Cloud Computing and Low-Code/No-Code • Chapter 21: Caselet: AI and ML Integration • Chapter 22: Caselet: IoT Applications • Chapter 23: Caselet: Blockchain Solutions • Chapter 24: Caselet: Cloud Deployment • Section 5: Strategic Insights & Economics • Chapter 25: Low-Code/No-Code in Practice: Driving Digital Excellence • Chapter 26: Governance, Security, and

Maintenance • Chapter 27: Future Trends and Innovations • Chapter 28: Scaling Low-Code/No-Code for Enterprise-Level Applications • Chapter 29: Low-Code/No-Code in Emerging Markets and Economies • Chapter 30: Conclusion

9789370609716 | Pages: 460 | ₹ 1299



Raising Enterprise Applications: A Software Engineering Perspective | e | IM

Anubhav Pradhan, Satheesha B. Nanjappa, Senthil K. Nallasamy, Veerakumar Esakimuthu

ABOUT THE AUTHOR

Anubhav Pradhan, a certified enterprise architect, has over 13 years of IT experience predominantly in IT consulting, enterprise architecture, software engineering and education services. He is currently working as the principal of the e-commerce research lab at Education & Research department in Infosys Technologies Limited. He has been responsible for architecting, designing and delivering enterprise applications, especially in telecom and learning services industries. He has also been instrumental in managing and delivering large-scale road map training programs, and has trained people from all over the world in several technologies. He holds master's degree in mathematics.

Satheesha B. Nanjappa, associate vice president, Education & Research, Infosys Technologies Limited, has over 17 years of rich experience in the IT industry. He is a B.E. in Electronics and Communication Engineering from Malnad College of Engineering, Hassan, India. He started his IT career as a programmer and has played various software development and client engagement roles. He has developed and maintained several enterprise applications across technologies and industry verticals. He has played instrumental role in setting up Global Education Center at Infosys, Mysore. Currently he is leading competency development programs for some of the key learning streams.

Senthil Nallasamy is a B.E. in Computer Engineering from Bharathiar University, India. He has over 17 years of rich experience in the IT industry. He started his IT career as a programmer and has played various client-facing and delivery roles. He is currently working with Infosys Technologies Limited as a senior delivery manager and handling various client portfolios across the US and the European countries. He is also the development centre head of Infosys Chennai (Sholinganallur). During his career, he has executed and managed many large JEE projects end to end. He was instrumental in setting up the Java User Group within Retail Practice of Infosys, which provides a platform to share and learn. He has conducted many technical and behavioral training sessions at Infosys.

Veerakumar Esakimuthu has over 12 years of experience in the IT industry. He is currently working as a senior project manager in the Banking and Capital Markets unit of Infosys Technologies Limited, India. He has architected and managed several complex projects involving entire software development life cycle. He holds a B.E. in Electronics and Communication Engineering from the University of Madras and an M.S. in Software Systems from Birla Institute of Technology and Science (BITS), Pilani, India. He is a certified project management professional (PMP).

ABOUT THE BOOK

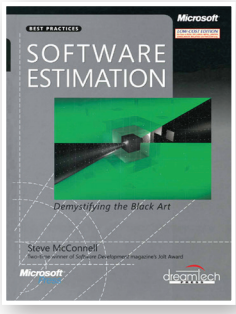
This book attempts to take the readers through the various processes, life cycle stages, patterns, frameworks, tools and technologies required to raise successful enterprise applications, catering to the business needs of today's enterprises. Based on the authors' experience, learning and hard-won wisdom, the book highlights the raising of enterprise applications while conforming to proven software engineering practices. It provides an essential guidance to navigate from inception to rollout of a typical enterprise application development.

Written by IT industry veterans, the book can be used by those who are interested in understanding the complex journey of developing enterprise applications. The book helps programmers, testers, architects, business analysts and project managers get an overall understanding of the enterprise application development. It also helps academia visualize the enterprise application development in practice.

TABLE OF CONTENTS

• Foreword • Preface • Acknowledgments • Introduction • Incepting Enterprise Applications • Architecting and Designing Enterprise Applications • Constructing Enterprise Applications • Testing and Rolling out Enterprise Applications • Appendix A: Application Framework Implementation • Appendix B: Acronyms • Index

9788126519460 | Pages: 284 | ₹ 1109



Software Estimation: Demystifying the Black Art

Steve Mcconnell

ABOUT THE AUTHOR

Steve McConnell is recognized as one of the premier authors and voices in the development community. He is Chief Software Engineer of Construx Software and was the lead developer of Construx Estimate and of SPC Estimate Professional, winner of Software Development magazine's Productivity Award. He is the author of several books, including Code Complete and Rapid Development, both honored with Software Development magazine's Jolt Award.

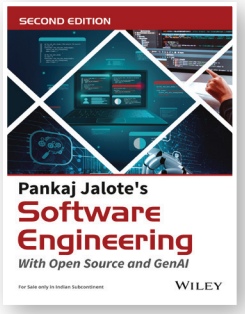
ABOUT THE BOOK

In this highly anticipated book, acclaimed author Steve McConnell unravels the mystery to successful software estimation-distilling academic information and real-world experience into a practical guide for working software professionals. Instead of arcane treatises and rigid modeling techniques, this guide highlights a proven set of procedures, understandable formulas, and heuristics that individuals and development teams can apply to their projects to help achieve estimation proficiency.

TABLE OF CONTENTS

• Critical Estimation Concepts • Fundamental Estimation Techniques • Specific Estimation Challenges • Appendix A Estimate Sanity Check Scoring

9789350041284 | Pages: 340 | (Exclusive)



Pankaj Jalote's Software Engineering, 2ed : With Open Source and GenAI | e

Pankaj Jalote

ABOUT THE AUTHOR

Pankaj Jalote is a Distinguished Professor at the Indraprastha Institute of Information Technology Delhi (IIIT-Delhi an institution where he also played a pivotal role as the Founding Director. His academic journey includes prestigious positions such as Chair Professor at the Indian Institute of Technology Delhi, Head of the Department of Computer Science and Engineering at IIT Kanpur, and an early career role as an Assistant Professor at the University of Maryland, College Park. Beyond academia, he has made his mark in the industry as the Vice President of Infosys Technologies Ltd. for two years and as a Visiting Researcher at Microsoft Corporation in Redmond for a year. His educational background is as impressive as his career, holding a BTech from IIT Kanpur, an MS from Pennsylvania State University, and a PhD from the University of Illinois at Urbana-Champaign.

He has authored six books. Among these is the highly regarded ""CMM in Practice,"" which has been translated into multiple languages, including Chinese, Japanese, and Korean, and the widely used textbook ""An Integrated Approach to Software Engineering."" His contributions to the field have earned him recognition as a Fellow of the IEEE and the Indian National Academy of Engineering (INAE), and he has been honored with the Distinguished Alumnus Award from IIT Kanpur.

ABOUT THE BOOK

In the rapidly evolving software development landscape, the integration of open-source tools and Large Language Models (LLMs) is essential. Pankaj Jalote's Software Engineering: With Open Source and GenAI equips students with the skills to excel in managing and contributing to software projects. This book is perfect for Software Engineering courses at both undergraduate and graduate levels.

The book introduces key concepts such as industry-standard software, open-source tools, and the fundamentals of LLMs. It covers important areas like project management, development process models, and team collaboration. As students progress, they will explore requirements analysis, architecture design, coding, testing, and application deployment, all with a focus on real-world applications.

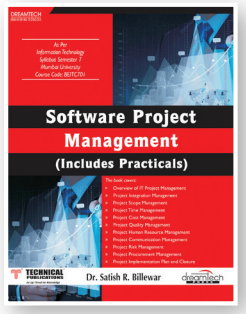
This textbook provides practical methods, real-world examples, and a strong emphasis on leveraging open-source software and the application of LLMs in modern software development.

This textbook is perfect for faculties aiming to provide students with practical skills and knowledge to manage modern software projects using cutting-edge technologies.

TABLE OF CONTENTS

• Industry-Strength Software • Planning a Software Project • Software Requirements Analysis and Specification • Software Architecture • Design • Coding • Testing • Application Deployment

9789363869189 | Pages: 224 | ₹ 750



Software Project Management: Includes Practicals | e

Satish R. Billewar

ABOUT THE AUTHOR

Dr. Satish R. Billewar is an Assistant Professor in the Department of Information Technology at Datta Meghe College of Engineering, Airoli, Navi Mumbai. He has more than 10 years of teaching experience. His doctoral research included identifying problems in the multidisciplinary field of e-Commerce Systems and providing solutions through Total Quality Management. His contributions in the fields of Software Project Management, e-Commerce, Total Quality Management and Software Testing Quality Assurance have been published in many reputed journals and found reference at international conferences.

DT Editorial Services has seized the market of engineering textbooks, bringing excellent content in engineering and technical education to the fore. The team is committed to providing excellence in quality of content by judiciously analyzing the needs of its readers and ensuring dedication of its authors and editors in catering the same.

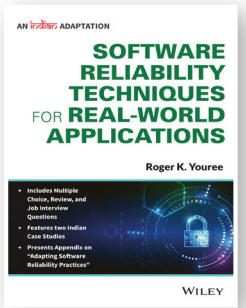
ABOUT THE BOOK

This book provides information about project management in IT IT-based organizations. Further, this book discusses about various other aspects of project management such as integration management, scope management, time management, cost management, quality management, human resource management, communication management, risk management and procurement management. Along with this, you will learn about the implementation plan and closure of the project.

TABLE OF CONTENTS

• An Overview of IT Project Management • Project Feasibility and Selection • Project Scope and Planning and Integration • Project Time Management • Project Cost Management: Cost Estimation and Budgeting • Project Quality Management • Project Human Resource Management • Project Control: Communication and Reporting • Project Control: Communication and Reporting • Project Procurement Management and Outsourcing • Project Implementation, Closure and Audit

9789351198215 | Pages: 404 | (Exclusive)



Software Reliability Techniques for Real-World Applications, (An Indian Adaptation) | e | IM

Roger K. Youree

ABOUT THE AUTHOR

ROGER K. YOUREE is a Systems Scientist at Instrumental Sciences, Inc. Dr. Youree received his Doctorate degree in Applied Mathematics from the University of Alabama in Huntsville, USA, and has more than thirty-five years of experience with military, NASA, and commercial programs, including responsibilities such as planning, cost estimates, and progress tracking.

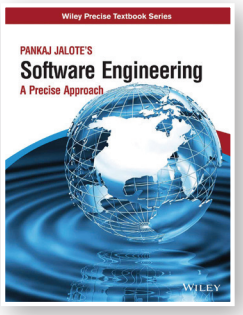
ABOUT THE BOOK

Software Reliability Techniques for Real-World Applications introduces clear ways to understand each process of software reliability and explains how it can be managed effectively and reliably. The book is supported by a plethora of detailed examples and systematic approaches, covering analogies between hardware and software reliability to ensure a clear understanding. Overall, this book helps readers create a higher level of confidence in software products.

TABLE OF CONTENTS

• Introduction • Understanding Defects • Handling Defects • Project Phases • Roadmap and Practical Guidelines • Techniques

9789363863668 | Pages: 368 | ₹ 689



Pankaj Jalote's Software Engineering: A Precise Approach | e

Pankaj Jalote

ABOUT THE AUTHOR

Pankaj Jalote has recently joined as Director of the newly created Indraprastha Institute of Information Technology (IIIT) Delhi.

Pankaj Jalote is a fellow of the IEEE and on the Board of Advisors of many software companies in India and USA, is a Technical Advisory Board member for Microsoft Research, India, and is on the Editorial Board of IEEE Transactions on Software Engineering, and International Journal of Emperical Software Engineering.

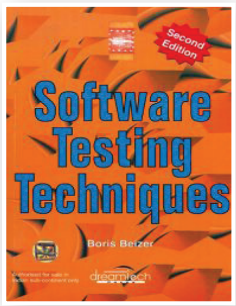
ABOUT THE BOOK

This is an excellent introductory book on Software Engineering - a subject which is one of the hardest to teach since it is such a vast field with a wide range of topics. The book focuses on key tasks in two dimensions - engineering and project management - and discusses concepts and techniques that can be applied to effectively execute these tasks. It covers Engineering issues like requirements analysis and specification, architecture design, module level design, coding and unit testing, and testing as well as Project Management issues like project planning and project monitoring and control.

TABLE OF CONTENTS

• Chapter 1: The Software Problem • Chapter 2: Software Processes • Chapter 3: Software Requirements Analysis and Specification • Chapter 4: Software Architecture • Chapter 5: Planning a Software Project-4 • Chapter 6: Design • Chapter 7: Coding and Unit Testing • Chapter 8: Testing

9788126523115 | Pages: 314 | ₹ 978



Software Testing Techniques | e

Boris Beizer

ABOUT THE BOOK

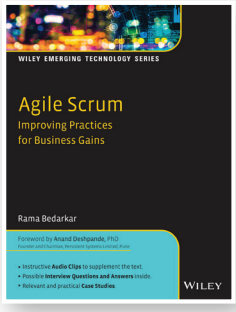
Software Testing Techniques, 2nd Edition is the first book-length work that explicitly addresses the idea that design for testability is as important as testing itself - not just by saying that testability is a desirable goal, but by showing the reader how it to do it. Every chapter has testability guidelines that illustrate how the technique discussed in the chapter can be used to make software more easily tested and therefore more reliable and maintainable. Application of all techniques to unit, integration, maintenance, and system testing are discussed throughout this book.

TABLE OF CONTENTS

• Chapter 1: Introduction • Chapter 2: The Taxonomy of Bugs • Chapter 3: FlowGraphs and Path Testing • Chapter 4: Transaction-Flow Testing • Chapter 5: Data-Flow Testing • Chapter 6: Domain Testing • Chapter 7: Metrics and Complexity • Chapter 8: Paths, Path Products, and Regular Expresions • Chapter 9: Syntax Testing • Chapter 10: Logic-Based Testing • Chapter 11: States, State Graphs and Transition testing • Chapter 12: Graph Matrices and Paplications • Chapter 13: Implementation

9788177222609 | Pages: 568 | ₹ 849

SOFTWARE PROGRAMMING



Agile Scrum : Improving Practices for Business Gains | e | IM

Rama Bedarkar

ABOUT THE AUTHOR

Rama Bedarkar has been a core software information technology professional with a total experience of 27 years in multiple professional areas, such as project management, quality management, process management, program management, technology management, people management, and customer management in India as well as abroad in Singapore and the United States. She worked in Singapore for 3.5 years, where she was involved in training the students of Bachelor and Masters' Degrees of Computer Science courses run locally in Singapore – from the University of Oxford, Cambridge from the United Kingdom and Austin from Australia.

ABOUT THE BOOK

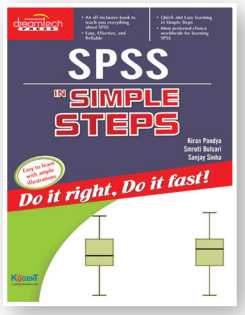
"Agile Scrum: Improving Practices for Business Gains is for beginners in Scrum to deploy the practices in disciplined manner; for software project management executives to achieve their KPIs by mapping them to scrum practices; for the leadership to achieve organization agility by adopting the scrum values to empower their teams; and for scrum practitioners and consultants to learn from the author's experience.

TABLE OF CONTENTS

• Introduction to Agile Concepts • All about Scrum • Scrum Process: High-Level View • Product Backlog Management • Sprint Planning • Writing Effective User Stories • Sprint Execution and Tracking • Sprint Review • Sprint Retrospectives • Measurements and Metrics in Scrum • Software Development Life Cycle and Waterfall Model • Project Management in Scrum and Waterfall • Quality Management in Scrum • Customer Management in Scrum • Risk Management in Scrum • Cost Management in Scrum • Management Onboarding – First Step to Scrum Deployment • Scrum – Tool for Driving Change in Work Environment • Empowering Quality Assurance • Making Customer Relations Robust • Managing Collaboration in Scrum • Human Factor – Limitations of Scrum Deployment • Scrum Failure Is Never a Failure

9788126560868 | Pages: 380 | ₹ 919

STATISTICAL ANALYSIS



SPSS in Simple Steps | e

Kiran Pandya, Smruti Bulsari, Sanjay Sinha

ABOUT THE AUTHOR

Dr. Kiran Pandya obtained M.Phil degree from University of Poona, for which he studied at Gokhale Institute of Politics & Economics. He was awarded the degree of Philosophy by the University of Sussex (U.K.). Commonwealth Commission in U.K. awarded the Academic Staff scholarship to pursue his doctoral studies. Currently, he is working as a Professor and Head in the Department of Research Methodology and Interdisciplinary Studies in Social Sciences, Veer Narmad South Gujarat University, Surat.

Dr. Smruti Bulsari is currently a faculty in MBA programme of Veer Narmad South Gujarat University. She has obtained her doctoral degree and has more than ten years of teaching and research experience. She has also obtained master degrees in management and economics. She holds PG Diploma in Research Methodology and a Diploma in Computer Technology.

Prof. Sanjay Sinha is currently attached to ITM Business School, Kharghar, Navi Mumbai as Associate Professor. Prof Sinha has around 12 years of corporate experience in different capacities in various organizations primarily in the BFSI segment.

ABOUT THE BOOK

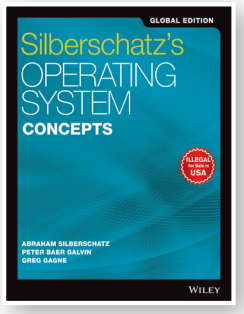
SPSS in Simple Steps is very useful for all students, researchers and faculty members who need to analyze quantitative data in their research work. The objective of the book is to help the students and researchers to undertake statistical analysis using PASW / SPSS software package. It is designed to be read in front of the computer screen. The book commences with an introduction to the PASW / SPSS software and provides a step-by-step approach for explaining procedures and executing PASW / SPSS commands. It provides a clear understanding of commands, procedures and functions required for carrying out statistical analysis. The book covers basic and essential features of PASW/SPSS.

TABLE OF CONTENTS

• Overview of PASW Statistics • Data Management • Data Transformation • Describing Data Numerically • Describing Data Graphically • One Sample t-Test • Independent Sample t-Test • Paired Samples t-Test • One-Way ANOVA • One-Way Repeated Measures ANOVA • Two-Way ANOVA • Correlation • Multiple Regression • Nonparametric Statistics • Logistic Regression • Reliability Analysis • Factor Analysis • Summary • Appendix-A Dataset for students.sav

9789350042519 | Pages: 200 | ₹ 499

SYSTEMS & SOFTWARE



Silberschatz's Operating System Concepts, Global Edition | IM

Abraham Silberschatz, Peter B. Galvin, Greg Gagne

ABOUT THE AUTHOR

Abraham Silberschatz Yale University

Peter Baer Galvin Pluribus Networks

Greg Gagne Westminster College

ABOUT THE BOOK

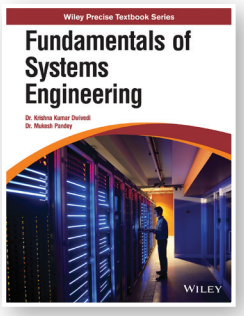
The fundamental concepts and algorithms covered in the book are often based on those used in both open-source and commercial operating systems. Our aim is to present these concepts and algorithms in a general setting that is not tied to one particular operating system. However, we present a large number of examples that pertain to the most popular and the most innovative operating systems, including Linux, Microsoft Windows, Apple macOS (the original name, OS X, was changed in 2016 to match the naming scheme of other Apple products), and Solaris.

TABLE OF CONTENTS

• Process Management • Process Synchronization • Memory Management • Storage Management

9789357460569 | Pages: 888 | (Exclusive)

SYSTEMS ENGINEERING



Fundamentals of Systems Engineering | e

Dr. Krishna Kumar Dwivedi, Dr. Mukesh Pandey

ABOUT THE AUTHOR

Prof. (Dr.) Krishna Kumar Dwivedi is presently working as Director, Technocrats Institute of Technology (Excellence), Bhopal, M.P., India. Dr. Dwivedi has over 16 years of teaching experience at undergraduate and postgraduate levels and has guided seven research scholars till date. He has authored eight books for B.E/B.Tech. undergraduate students of various technical universities all over India.

Professor (Dr.) Mukesh Pandey is presently working as a Rector, Director (R&E), Head-School of Energy & Environment & Dean–Faculty of Energy Technology in Rajiv Gandhi Proudyogiki Vishwavidyalaya, Bhopal, M.P., India (State Technological University of M.P.), from last 15 years and has total 24 years of experience in Industry, Administration and Academics. He is also looking after as a Director (Research & Extension) and Co-ordinator of RGPV-NBA Nodal Centre.

ABOUT THE BOOK

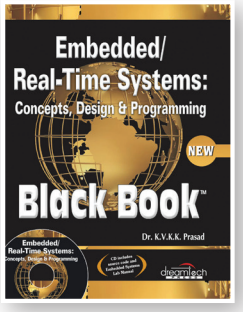
The book is for those who desire to learn the fundamental concepts of systems engineering and application of generic systems engineering life cycle in the fields of research and development of modern automobile industries, flexible manufacturing systems, space technology based organizations, defence organizations and software based / systems organizations. It covers systems engineering foundations, origin and growth of systems engineering, concepts of basic building blocks and structure of complex systems, various stages of system life cycle and the challenges of advanced technologies in modern systems related to engineering, management, applied mathematics, social and economical sciences.

TABLE OF CONTENTS

• Foundation of Systems Engineering • Concept Development Stage • Engineering Development Stage • Post-Development Stage

9788126566549 | Pages: 276 | ₹ 643

SYSTEMS PROGRAMMING



Embedded / Real-Time Systems: Concepts, Design and Programming Black Book, New ed | e

Dr. K.V.K Prasad

ABOUT THE BOOK

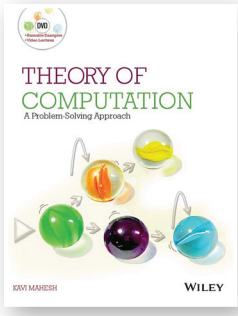
This book comprehensively covers the three main areas of the subject: concepts, design and programming. Information on the applications of the embedded/real-time systems are woven into almost every aspect discussed which of course is inevitable. Hardware architecture and the various hardware platforms, design & development, operating systems, programming in Linux and RTLinux, navigation systems and protocol converter are discussed extensively. Special emphasis is given to embedded database and Java applications, and embedded software development.

TABLE OF CONTENTS

• Introduction to Embedded Systems • Architecture of Embedded Systems • Programming for Embedded Systems • The Process of Embedded System Development • Hardware Platforms • Communication Interfaces • Embedded/Real-Time Operating System Concepts • Overview of Embedded/Real-Time Operating Systems • Target Image Creation • Representative Embedded Systems • Programming in Linux • Programming in RTLinux • Development of Navigation System • Development of Protocol Converter • Embedded Database Application • Mobile Java Applications • Embedded Software Development on 89C51 Micro-Controller Platform • Embedded Software Development on AVR Micro-Controller Platform • Embedded Systems Applications Using Intel StrongARM Platform • Future Trends

9788177224610 | Pages: 640 | ₹ 749

THEORY OF COMPUTATION



Theory of Computation: A Problem-Solving Approach | e | IM

Kavi Mahesh

ABOUT THE AUTHOR

Dr. Kavi Mahesh is a Professor in the Department of Computer Science at PES Institute of Technology, Bangalore where he heads the Centre for Ontological Engineering. For over a decade now he has also been a Principal Consultant with the Knowledge Management Group at Infosys Ltd. He has two US patents and has published 3 books, 10 book chapters and over 50 papers which have received more than 800 citations. His experience of over 20 years is spread across academia and industry both in India and the USA. His areas of interest include Science of Computing, Epistemology, Ontology, Classification Studies, Knowledge Management, Web Technologies, Text Processing and Unstructured Data Management.

ABOUT THE BOOK

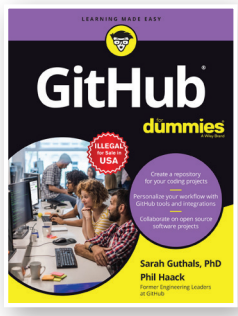
This book presents the core ideas in the difficult subject of the Theory of Computation in a clear and simple language so that students are not lost in obscure formalisms. It combines contemporary examples with effective pedagogy through a problem-solving, rather than a theorem-proving approach. We need many more such high-quality textbooks to improve the quality of engineering education in India.

TABLE OF CONTENTS

• Computers And The Science Of Computing • Automata • Non-Deterministic Finite Automata • Regular Languages And Expressions • Grammars • Nature Of Regular Languages • Context-Free Languages And Grammars • Pushdown Automata • Nature Of Context-Free Languages • Turing Machines • The Chomsky Hierarchy • Computability And Undecidability • Epilogue • Appendix A A Formal Language Quiz • Appendix B Theorems • Further Reading • Glossary • Index

9788126533114 | Pages: 368 | ₹ 899

VERSION CONTROL



GitHub For Dummies | e

Sarah Guthals, Phil Haack

ABOUT THE AUTHOR

Sarah Guthals is an Engineering Manager for GitHub. Sarah is also an accomplished technology teacher and founder of numerous coding education initiatives. She is co-author of Helping Kids with Coding For Dummies, Minecraft Modding

For Kids For Dummies, and Modding Minecraft (Dummies Jr) as well as sole author of Building a Minecraft City and Building Mobile Apps both in the ""Dummies Jr."" line.

ABOUT THE BOOK

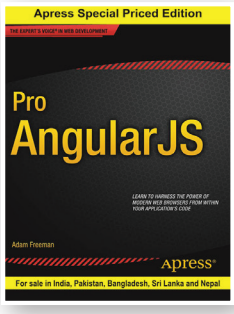
Software is rarely written by a lone wolf developer, cranking out thousands of lines of code on their own. Truly effective software typically comes from the collaboration of engineers, designers, product managers, analysts, and others committed to creating a brilliant final product. GitHub is the tool that makes this collaboration possible. Packed with insight from one of GitHub's engineering managers, this book offers novice software developers the steps for creating collaborative projects, enhancing teamwork, and drawing off the work others have done before them.

TABLE OF CONTENTS

• Getting Started with GitHub.Com • Starting Your First Solo Project • Contributing to Your First Project • Manage and Contribute to Large Projects • Make GitHub Work for You • The GitHub Ecosystem • The Parts of Tens

9788126530779 | Pages: 376 | ₹ 749

WEB DEVELOPMENT



Pro Angular JS

Adam Freeman

ABOUT THE AUTHOR

Adam Freeman is an experienced IT professional who has held senior positions in a range of companies, most recently serving as chief technology officer and chief operating officer of a global bank. Now retired, he spends his time writing and long-distance running.

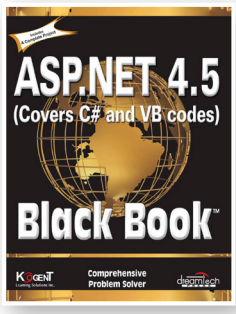
ABOUT THE BOOK

The book begins by describing the MVC pattern and the many benefits that can be gained from separating your logic and presentation code. He then shows how you can use AngularJS's features within in your projects to produce professional-quality results. Starting from the nuts-and-bolts and building up to the most advanced and sophisticated features AngularJS is carefully unwrapped, going in-depth to give you the knowledge you need.

TABLE OF CONTENTS

• Getting Started • Working with AngularJS • AngularJS Modules and Services

9788132230960 | Pages: 668 | (Exclusive)



ASP.NET 4.5, Covers C# and VB Codes, Black Book | e

Kogent Learning Solutions Inc.

ABOUT THE AUTHOR

The proficient team at Kogent Solutions Inc. and Dreamtech Press has seized the market of computer books bringing excellent content in software development to the fore. The team is committed to excellence-excellence in the quality of content, excellence in the dedication of its authors and editors, excellence in the attention to detail, and excellence in understanding the needs of the readers.

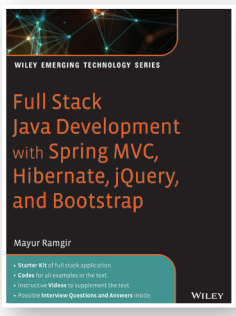
ABOUT THE BOOK

ASP.NET 4.5 Black Book is the one-time reference book, written from the programmer's point of view, containing hundreds of examples and covering nearly every aspect of ASP.NET 4.5 in both VB and C#. It will help you to master the entire spectrum of ASP.NET- from features of ASP.NET 4.5 to securing ASP.NET 4.5 pages, from standard and advance controls to CSS Style manager, from Web services to WCF services, from Web Parts Framework to AJAX, from XML to LINQ, from Silverlight to WPF, from COM + to RSS and Atom feed, and from IIS to CardSpace.

TABLE OF CONTENTS

• Chapter 1: ASP.NET 4.5 Essentials • Chapter 2: Developing a Web Application • Chapter 3: Application Structure and State • Chapter 4: Web Forms: Standard Controls (I) • Chapter 5: Navigation Controls: Tree View, Menu, and Sitemap Path • Chapter 6: Validation Controls • Chapter 7: Introducing Web Parts Controls • Chapter 8: Working with Database Controls • Chapter 9: LINQ Queries • Chapter 10: ADO.NET Entity Framework • Chapter 11: Working With Files and Streams • Chapter 12: Building ASP.NET Dynamic Data Applications • Chapter 13: Developing ASP.NET AJAX Applications • Chapter 14: Inside Master Pages and Themes • Chapter 15: Inside Web Parts Framework • Chapter 16: Caching in ASP.NET 4.5 • Chapter 17: Application Globalization • Chapter 18: ASP.NET Web Services • Chapter 19: WCF Services • Chapter 20: ASP.NET MVC Framework • Chapter 21: Developing Websites Compliant with Web Standards • Chapter 22: Application Tracking • Chapter 23: Managing Web Applications • Chapter 24: Working with Login Controls • Chapter 25: Working with User Profiles • Chapter 26: Security and Cryptography in ASP.NET • Chapter 27: Developing Mobile Applications • Chapter 28: Deploying Web Applications • Chapter 29: Online Travel Agency

9789351190806 | Pages: 1300 | ₹ 799



Full Stack Java Development with Spring MVC, Hibernate, jQuery, and Bootstrap | e

Mayur Ramgir

ABOUT THE AUTHOR

Mayur Ramgir has more than 18 years of experience in the software industry, working at various levels. He is a Sun Certified Java Programmer and Oracle Certified SQL Database Expert. He has completed

MS in computational science and engineering from Georgia Tech, USA, and M.Sc. in multimedia application and virtual environments from University of Sussex, UK. He has also attended in-class courses in various Universities like MIT Applied Software Security Certificate and University of Oxford System and Software Security Certificate.

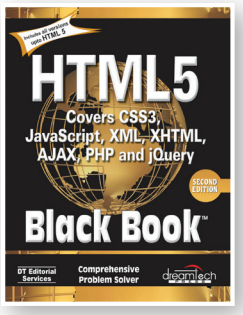
ABOUT THE BOOK

Full Stack Java Development is a great way to start one's journey to becoming a full stack developer. Any student will find this book very helpful to learn about the essential technologies and ecosystem of web application development. Web technologies like HTML, JQuery, Bootstrap, Webservices, etc. are well explained in the book. The exploration is not just limited to theoretical knowledge as the book also has add-ons to improve one's understanding of the subject. This book will greatly help students prepare to become full stack developers.

TABLE OF CONTENTS

• Introduction to Full Stack Development • Getting Started with Full Stack Development: A Project Idea • Introduction to Hyper Text Markup Language • Introduction to Cascading Style Sheets • Introduction to jQuery • Introduction to Bootstrap • Build Pages for MyEShop with HTML and CSS • Use of jQuery on HTML CSS • Use of Bootstrap to Make HTML Responsive • Introduction to Java Language • Language Syntax and Elements of Language • Object-Oriented Programming • Generics and Collections • Error Handling • Garbage Collection • Strings, I/O Operations, and File Management • Data Structure and Integration in Program • Lambdas and Functional Programming • Multithreading and Reactive Programming • Introduction to Spring and Spring MVC • Introduction to Hibernate • Develop Web Services for the APIs • Develop Models with Hibernate

9788126519910 | Pages: 712 | ₹ 1219



HTML 5 Black Book, Covers CSS 3, JavaScript, XML, XHTML, AJAX, PHP and jQuery, 2ed | e

DT Editorial Services

ABOUT THE AUTHOR

DT Editorial Services has seized the market of computer books, bringing excellent content in software development to the fore. The team is committed to excellence—excellence in quality of content, excellence in the dedication of its authors and editors, excellence in the attention to detail, and excellence in understanding the needs of its readers.

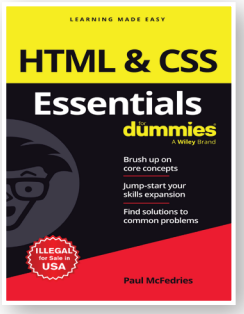
ABOUT THE BOOK

HTML5 Black Book is the one-time reference book, written from the Web professional's point of view, containing hundreds of examples and covering nearly every aspect of HTML5. It will help you to master various Web technologies, other than HTML5, including CSS3, JavaScript, XML and AJAX. If you are a Web designer or developer, then this book is your introduction to new features and elements of HTML5, including audio and video media elements, the canvas element for drawing, and many others.

TABLE OF CONTENTS

• Overview of HTML5 and Other Web Technologies • Fundamentals of HTML • Working with Text • Organizing Text in HTML • Working with Links and URLs • Creating Tables • Working with Images, Colors and Canvas • Working with Forms • Interactive Elements • Working with Multimedia • Overview of JavaScript • JavaScript Functions, Events, Image Maps and Animations • JavaScript Objects • Working with Browser Objects • Working with Document Object • Document Object Model • Validation, Errors, Debugging, Exception Handling and Security • Overview of CSS • Backgrounds and Color Gradients in CSS • Fonts and Text Styles • Creating Boxes and Columns Using CSS • Displaying, Positioning and Floating an Element • List Styles • Table Layouts • Pseudo-classes and Pseudo-elements • Effects, Frames and Controls in CSS • Implementing the Advanced Features of HTML5 • Working with Basics of XML • Implementing Advanced Features of XML • Converting XML Documents in Other Formats • Working with XSLT • Working with XPath, XLink, and XPointer • Overview of AJAX • Asynchronous Data Transfer with XMLHttpRequest • Implementing AJAX Frameworks • Working with ASP.NET AJAX Application • Integrating PHP and AJAX • Consuming Web Services Using AJAX • Working with jQuery

9789351199076 | Pages: 1260 | ₹ 1019



HTML & CSS Essentials For Dummies | e

Paul McFedries

ABOUT THE AUTHOR

Paul McFedries is a longtime technical author with more than 100 published titles. His work includes Web Coding & Development All-in-One For Dummies, iPad and iPad Pro For Dummies, Alexa For Dummies, G Suite For Dummies, and Excel Data Analysis For Dummies.

ABOUT THE BOOK

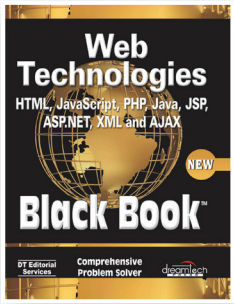
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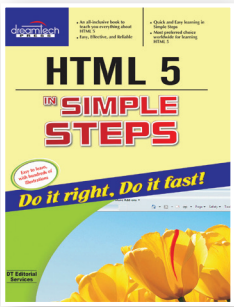
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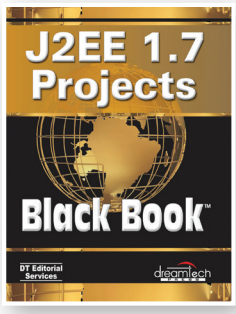
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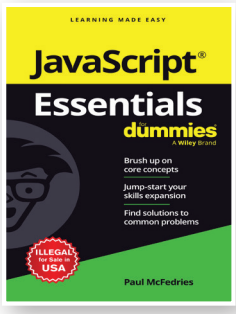
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Ever wondered why all software project books are complex and tedious to understand! In fact, they should be fast and fun to comprehend. One book that stands out for following this thought consistently is the J2EE 1.7 Projects book. The projects in this book abide by two concepts—first, to help engineer the best software product that follows all phases of Software Development Life Cycle, including analysis, software design, testing and implementation and second, to efficiently use the features, tools and technologies provided by the platform for the project.

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JavaScript Essentials For Dummies | e

Paul McFedries

ABOUT THE AUTHOR

Paul McFedries is a longtime technical author with more than 100 published titles. His work includes Web Coding & Development All-in-One For Dummies, iPad and iPad Pro For Dummies, Alexa For Dummies, G Suite For Dummies, and Excel Data Analysis For Dummies.

ABOUT THE BOOK

The concise and digestible get-started guide to JavaScript programming JavaScript Essentials For Dummies is your quick reference to all the core concepts about JavaScript—the dynamic scripting language that is often the final step in creating powerful websites. This no-nonsense book gets right to the point, eliminating review material, wordy explanations, and fluff. Find out all you need to know about the foundations of JavaScript, swiftly and crystal clear. Perfect for a brush-up on the basics or as an everyday desk reference on the job, this is the reliable little book you can always turn to for answers.

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Java Server Programming Java EE 7 (J2EE 1.7), Black Book | e

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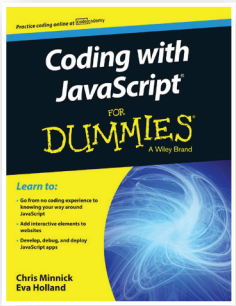
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The book Java Server Programming: Java EE 7 (J2EE 1.7) Black Book, Platinum Edition, is a one-time reference book that covers all aspects of Java EE in an easy-to understand approach-for example, how an application server runs; how Glassfish Server 4.0 deploys a Java application; a complete know-how of design patterns, best practices and design strategies.

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Coding with Javascript for Dummies | e

Chris Minnick, Eva Holland

ABOUT THE AUTHOR

Chris Minnick is an accomplished author, trainer and web developer who has worked on web and mobile projects for both small and major businesses.

Eva Holland is an experienced writer and trainer who has designed and taught online, in-person and video courses. They are cofounders of WatzThis?

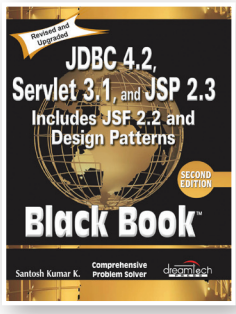
ABOUT THE BOOK

Coding with JavaScript For Dummies provides easy, hands-on instruction for anyone looking to learn this popular client-side language. No experience? No problem! This friendly guide starts from the very beginning and walks you through the basics, then shows you how to apply what you've learned to real projects. You'll start building right away, including web page elements and simple applications, so you can immediately see how JavaScript is used in the real world.

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JDBC 4.2, Servlet 3.1, and JSP 2.3 Includes JSF 2.2 and Design Patterns, Black Book, 2ed | e

Santosh Kumar K., DT Editorial Services

ABOUT THE AUTHOR

Santosh Kumar K. is an experienced corporate trainer and an independent J2EE consultant. He has conducted numerous corporate/non-corporate result-oriented training sessions in Java and related technologies. His areas of expertise include frameworks (Spring, Struts, JSF, AJAX, Hibernate) and Java Enterprise Components (Servlet, JSP, EJB 2.0 & 3.0). The seminars and workshops of the author are well known for quality content supplemented by his appealing, influential, and unique style of delivery.

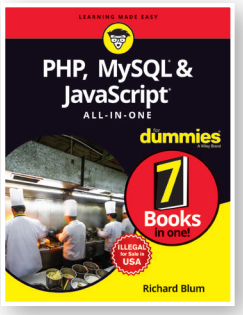
ABOUT THE BOOK

JDBC 4.2, Servlet 3.1 and JSP 2.3 Black Book is a unique book for self-learning – leading to the development of expertise in Java database and Web technologies, such as JDBC, Servlet, JSP, JSTL and JSF. The book is also useful for the readers who already know these concepts but want to gain an in-depth knowledge about them. The detailed explanation of each concept with interdependent examples and various situations to apply the concepts makes this book worthwhile.

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Richard Blum

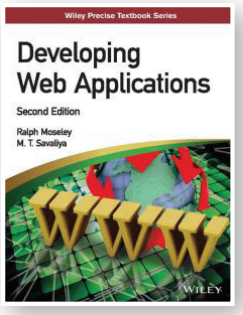
ABOUT THE AUTHOR

Richard Blum has over three decades of experience as a network and systems administrator. He also teaches online courses covering PHP, JavaScript, HTML5, and CSS3 programming. He is also author of the most recent edition of Linux For Dummies

ABOUT THE BOOK

It takes a powerful suite of technologies to drive the most-visited websites in the world. PHP, mySQL, JavaScript, and other web-building languages serve as the foundation for application development and programming projects at all levels of the web. Dig into this all-in-one book to get a grasp on these in-demand skills, and figure out how to apply them to become a professional web builder. You'll get valuable information from seven handy books covering the pieces of web programming, HTML5 & CSS3, JavaScript, PHP, MySQL, creating object-oriented programs, and using PHP frameworks.

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M.T. Savaliya

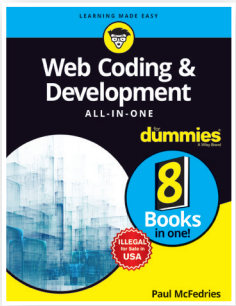
ABOUT THE BOOK

Building applications for the Internet is a complex and fast-moving field which utilizes a variety of continually evolving technologies. Whether your perspective is from the client or server side, there are many languages to master -- X(HTML), JavaScript, PHP, XML and CSS to name but a few. These languages have to work together cleanly, logically and in harmony with the systems they run on and be compatible with any browsers with which they interact.

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• The way the Web works. • The Client Side: HTML. • From HTML to XHTML. • Getting some Style: CSS. • JavaScript: Introduction to Client Side Scripting. • JavaScript: Developing more Advanced Scripts. • DHTML. • XML: Extensible Markup Language. • XML, XSL and XSLT: Transforming XML. • Web Services, Feeds and Blogs. • The Server Side. • PHP 1: Starting to Script on the Server Side. • PHP 2: Arrays, Functions and Forms. • More Advanced PHP. • Network and Web Security. • Databases. • Alternative Scripting Languages. • Future: Gaining a Perspective

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Web Coding & Development All-in-One For Dummies | e

Paul McFedries

ABOUT THE AUTHOR

Paul McFedries is the president of Logophilia Limited, a technical writing company. He's worked with computers large and small since 1975 with experience as a programmer, consultant, database developer, and website builder. Paul is author of more than 90 books with four million in combined sales worldwide, including several best selling titles in Wiley's Teach Yourself VISUALLY series.

ABOUT THE BOOK

It requires a lot of coding know-how to build the interfaces, databases, and other features that run modern websites, web apps, and mobile apps. This book serves as an interpreter for the languages that handle those tasks. Start with a refesher on the rules of coding before diving into the languages that build interfaces, add interactivity to the web, or store and deliver data to sites. When you're ready, jump into guidance on how to put it all together to build a site or create an app.

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