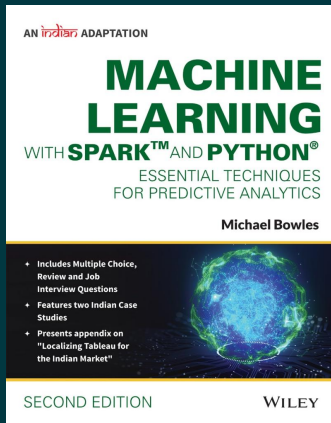




Machine Learning with Spark and Python, Essential Techniques for Predictive Analytics, 2ed, An Indian Adaptation

By [Michael Bowles](#)

Paperback

9789363861817

₹792.00

Pages: 394

Description

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.

About the Author

Michael Bowles

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.

Table of Contents

Introduction

Chapter 1 The Two Essential Algorithms for Making Predictions

Chapter 2 Understand the Problem by Understanding the Data

Chapter 3 Predictive Model Building: Balancing Performance, Complexity, and Big Data

Chapter 4 Penalized Linear Regression

Chapter 5 Building Predictive Models Using Penalized Linear Methods

Chapter 6 Ensemble Methods

Chapter 7 Building Ensemble Models with Python

Case Study 1 Flipkart – Enhancing Customer Experience with Machine Learning and Spark

Case Study 2 Ola Cabs – Optimizing Ride Pricing and Demand Prediction

Appendix A Application of Machine Learning with Spark and Python –Essential Techniques for Predictive Analytics

Appendix B Questions

Index

To purchase this product, please visit:

<https://www.wileyindia.com/machine-learning-with-spark-and-python-essential-techniques-for-predictive-analytics-2ed-an-indian-adaptation.html>



Scan to buy