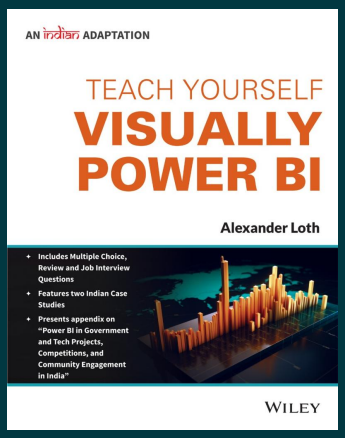
WILEY



Teach Yourself VISUALLY Power BI, (An Indian Adaptation)

By Alexander Loth

Paperback 9789363869554 ₹799.00

Pages: 284

Description

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.

About the Author

Alexander Loth

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.

Table of Contents

Chapter 1 Getting Started with Power BI
What Is Power BI?
Understanding the Different Components of Power BI
Understanding Power BI as Part of the Power Platform
Install Power BI Desktop
Start and Pin Power BI Desktop
Explore the Power BI Workspace
Chapter 2 Connecting
Grasp How Power Query Editor Works with Power BI Desktop
Connect Power BI Desktop to a Local File
Save, Close, and Open Power BI Reports
Start Working with the Sample Dataset
Connect to a Power BI Dataset
Connect to a SharePoint List
Connect to a SQL Server Database
Chapter 3 Cleaning and Shaping Data
Remove Duplicate Values
Replace Values in a Column
Split a Column Using a Delimiter
Group Data
Add a Calculated Column
Add an Index Column
Chapter 4 Modeling Data in Model View
Create Dimension Tables
Create Relationships Between Tables
Create a Star Schema
Create a Hierarchical Scheme
Using the Properties Pane
Chapter 5 Creating Basic Visualizations
Create a Bar Chart
Apply Filters to Visuals
Format the Y-Axis of a Bar Chart
Format the X-Axis of a Bar Chart
Add and Format the Data Category of a Bar Chart
Move a Bar Chart’s Legend and Add Gridlines
Add a Zoom Slider and Update Bar Colors
Add Data Labels to a Bar Chart
Add an Image to the Plot Area Background
Create a Line Chart or Area Chart
Format the Axes of a Line or Area Chart
Add a Legend to a Line or Area Chart
Move the Legend and Add Gridlines to a Line or Area Chart
Add a Zoom Slider and Steps to a Line or Area Chart
Add Data Markers and Labels to a Line or Area Chart
Format the Data Labels of a Line or Area Chart

Chapter 6 Creating Advanced Data Visualizations
Create and Format a Gauge Chart
Create and Format a KPI Visual
Create a Matrix Visual
Format a Matrix Visual
Format the Values and Column Headers of a Matrix Visual
Format the Row Headers of a Matrix Visual
Format the Row Subtotals and Grand Totals of a Matrix Visual
Format the Specific Column and Cell Elements of a Matrix Visual
Create a Waterfall Chart
Format a Waterfall Chart
Format the X-Axis and Legend of a Waterfall Chart
Add and Format Breakdowns in a Waterfall Chart
Create, Format, and Label a Funnel Chart
Create a Pie Chart or Donut Chart
Format a Pie Chart or Donut Chart
Create a Treemap Chart
Format a Treemap Chart
Chapter 7 Showing Geographic Data on Maps
Create a Proportional Symbol Map
Create a Choropleth Map
Add Conditional Formatting to a Choropleth Map
Enable Power BI’s Preview Features
Create an Isarithmic Map
Create a Skyscraper Map
Chapter 8 Using Calculated Columns and DAX
Understanding DAX and Why You Should Use It
Add All Numbers in a Column
Perform Division
Check a Condition
Count the Number of Cells in a Column
Return the Average of All Numbers in a Column
Join Two Text Strings into One Text String
Apply Conditional Formatting in Tables
Chapter 9 Using Analytics and Machine Learning
Identify Outliers
Find Groups of Similar Data by Clustering
Create a Dataflow
Apply Binary Prediction with AutoML
Chapter 10 Creating Interactive Reports
Planning to Create a Report
Start a Report and Add a Title
Add Visuals to a Report
Add Slicers to a Report
Control Which Visuals and Slicers Interact
Enable and Control Drill-Through Actions
Split a Page into Sections
Add Bookmarks and Navigation to a Report
Chapter 11 Publishing Reports and Dashboards
Set Up a Workspace
Ask Questions About the Data
Publish a Report to the Power BI Service
Set Up Row-Level Security
Add Tiles to a Dashboard
Share a Dashboard
Schedule Data Refreshes
Publish a Report to the Web
Case Study-1
Case Study-2
Appendix A: Power BI in Government and Tech Projects, Competitions, and Community Engagement in India
Appendix B: Questions
Index

To purchase this product, please visit:
https://www.wileyindia.com/teach-yourself-visually-power-bi-an-indian-adaptation.html

Scan to buy