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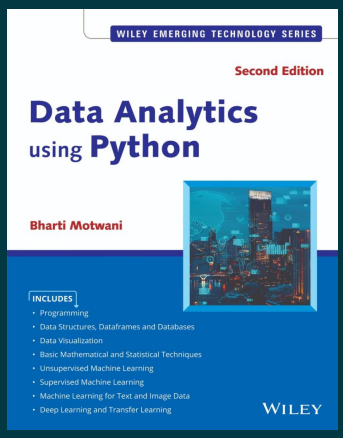

Data Analytics using Python, 2ed

By Bharti Motwani

Paperback 9789357469449 *[NOT PROVIDED] publication_date* **₹950.00**

Pages : 828 pages

Description

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.

About the Author

Bharti Motwani

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.

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