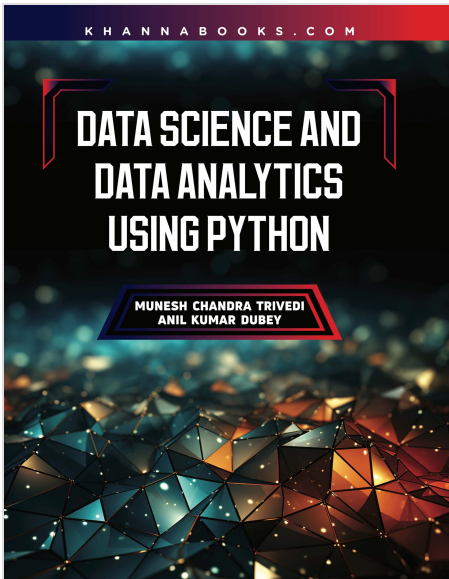




Data Science and Data Analytics Using Python

by Munesh Chandra Trivedi, Anil Kumar Dubey

ISBN-13	9789355384263
ISBN-10	9355384262
Edition	1
Format	Both
Publishing Year	2025
Categories	Emerging Technologies, Book Store
Original Price	₹395.00
Discounted Price	₹296.25
Stock Status	In Stock (9 available)

Description

The book is a comprehensive guide that delves into the fundamentals of data science and analytics, leveraging, the python programming language. The covers key topics such as data manipulation, visualization, statistical analysis, and machine learning. It includes practical examples and code snippets to help readers understand and implement various data science techniques. Designed for both beginners and experienced practitioners, it provides a thorough understanding of how to use python for effective data analysis. The book also emphasizes real-world applications making it a valuable resource for those looking to apply data science skills in various domains. SALIENT FEATLURES OF BOOK: 1. The textbook encompasses an extensive array of data science topics, including data pre-processing, visualization, statistical analysis, machine learning, with a pronounced emphasis on practical applications using python programming. 2. It integrates case studies derived from real-world scenarios alongside numerous exercises, facilitating hands-on practical experience. 3. The text provides details procedural guidance for implementing data science projects and explores various data visualization techniques utilizing libraries such as Matplotlib, Seaborne, and plotly. 4. It thoroughly examines a diverse range of machine learning algorithms and offers an introductory overview of deep learning concepts and frameworks, including Tensor flow, and Keras. 5. The textbook incorporates expert tips, bet practices, and focuses on high-demand skills, rendering it an invaluable resource for both novice and seasonal practitioners in the field of data science and analytics.

About the Author(s)

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