

Tutorial Based Primer Second Edition

Chapman Hallcrc Data Mining And Knowledge

Are you interested in delving deep into the world of data mining and knowledge discovery? Look no further! In this article, we will explore the second edition of the tutorial-based primer on data mining and knowledge titled "Chapman Hallcrc Data Mining And Knowledge." Whether you are a beginner or an experienced data professional, this book will provide you with the essential knowledge and practical skills to tackle the challenges of this ever-evolving field.

Understanding the Importance of Data Mining and Knowledge Discovery

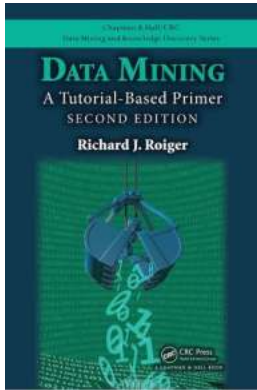
Data mining has become increasingly crucial in today's data-driven world. It involves the extraction of useful information and patterns from vast amounts of data. This knowledge is then used to make informed decisions, predict future trends, and gain valuable insights into various industries such as finance, healthcare, marketing, and more.

The second edition of the tutorial-based primer builds upon the foundation laid by its predecessor. It offers an up-to-date and comprehensive guide to data mining techniques, algorithms, and methodologies. The authors, who are experts in the field, provide step-by-step instructions, practical examples, and case studies to help readers understand and apply these concepts in real-world scenarios.

Data Mining: A Tutorial-Based Primer, Second Edition (Chapman & Hall/CRC Data Mining and Knowledge Discovery Series)

by Alex Villavasso (2nd Edition, Kindle Edition)

★★★★★ 5 out of 5



Language : English
File size : 54687 KB
Screen Reader: Supported
Print length : 529 pages



What Sets This Tutorial-Based Primer Apart?

One of the standout features of this primer is its emphasis on hands-on learning. The authors understand that data mining is a practical skill that requires continuous practice and application. Thus, they have included numerous exercises and projects throughout the book, allowing readers to gain firsthand experience in applying data mining techniques.

Another significant aspect of the second edition is its coverage of modern data mining technologies and tools. With the emergence of big data and advancements in machine learning, it is crucial to stay updated with the latest techniques and technologies. The primer introduces readers to popular software packages and programming languages used for data mining, including R, Python, and Weka.

Key Topics Covered in the Second Edition

This tutorial-based primer encompasses a wide range of topics, ensuring readers gain a comprehensive understanding of data mining and knowledge discovery. Some of the key areas covered include:

- to data mining and knowledge discovery
- Data preprocessing and cleaning
- Classification and regression techniques
- Clustering and association rule mining
- Text and web mining
- Social media analytics
- Visualization and evaluation of data mining models

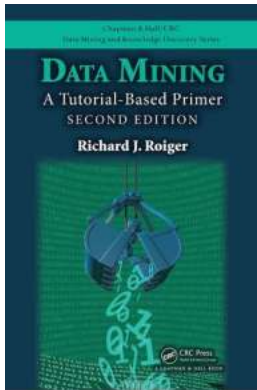
Benefits of the Second Edition

Whether you are a student, data scientist, or business professional, the second edition of this tutorial-based primer offers several benefits:

- Comprehensive coverage of data mining techniques and methodologies
- Hands-on learning with practical examples and case studies
- Access to modern data mining technologies and tools
- Insights from industry experts and experienced practitioners
- Enhanced understanding of the entire data mining process, from preprocessing to evaluation
- Ability to apply data mining techniques to real-world problems

The second edition of the tutorial-based primer on data mining and knowledge, titled "Chapman Hallcrc Data Mining And Knowledge," is an invaluable resource for anyone looking to expand their knowledge in this field. With its comprehensive coverage, hands-on approach, and focus on modern technologies, readers will

gain the necessary skills to excel in the world of data mining. So, why wait? Dive into the second edition and embark on your data mining journey today!



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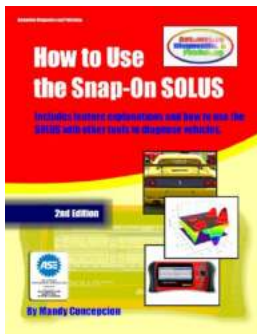
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Data Mining: A Tutorial-Based Primer, Second Edition provides a comprehensive to data mining with a focus on model building and testing, as well as on interpreting and validating results. The text guides students to understand how data mining can be employed to solve real problems and recognize whether a data mining solution is a feasible alternative for a specific problem. Fundamental data mining strategies, techniques, and evaluation methods are presented and implemented with the help of two well-known software tools.

Several new topics have been added to the second edition including an to Big Data and data analytics, ROC curves, Pareto lift charts, methods for handling large-sized, streaming and imbalanced data, support vector machines, and extended coverage of textual data mining. The second edition contains tutorials for attribute selection, dealing with imbalanced data, outlier analysis, time series analysis, mining textual data, and more.

The text provides in-depth coverage of RapidMiner Studio and Weka's Explorer interface. Both software tools are used for stepping students through the tutorials depicting the knowledge discovery process. This allows the reader maximum flexibility for their hands-on data mining experience.



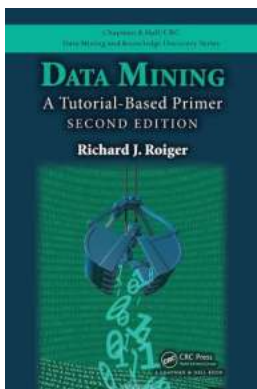
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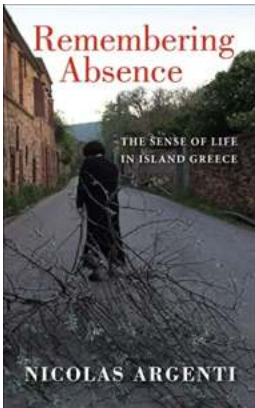
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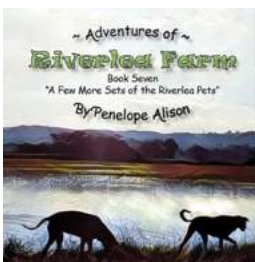
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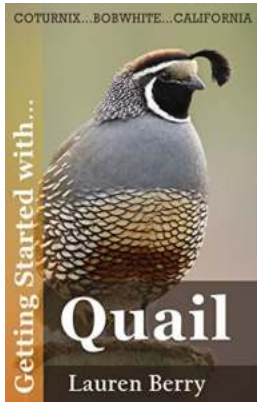
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