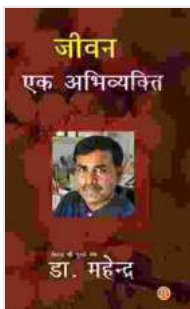


Data Mining: The Textbook by Krista Van Dolzer - A Comprehensive Review

Data mining is a rapidly growing field that uses statistical and computational techniques to extract knowledge from large datasets. It has applications in a wide range of industries, including healthcare, finance, and marketing.



Data Mining: The Textbook by Krista Van Dolzer

★★★★☆ 4.3 out of 5

Language : English
File size : 23474 KB
Text-to-Speech : Enabled
Enhanced typesetting : Enabled
Print length : 764 pages
Screen Reader : Supported



Data Mining: The Textbook by Krista Van Dolzer is a comprehensive and engaging to the field of data mining. The book covers a wide range of topics, including data preprocessing, data mining algorithms, and data visualization. It is written in a clear and concise style, and it is packed with examples and exercises that help to illustrate the concepts.

Content

Data Mining: The Textbook is divided into three parts.

1. Part 1: to Data Mining

2. **Part 2: Data Mining Algorithms**

3. **Part 3: Data Mining Applications**

Part 1 provides an overview of the field of data mining. It covers topics such as the history of data mining, the different types of data mining tasks, and the challenges of data mining.

Part 2 covers the core data mining algorithms. These algorithms are used to extract knowledge from large datasets. Part 2 covers a wide range of algorithms, including classification algorithms, clustering algorithms, and association rule mining algorithms.

Part 3 covers the applications of data mining. These applications include fraud detection, customer segmentation, and medical diagnosis. Part 3 provides case studies that illustrate how data mining is used in the real world.

Strengths

Data Mining: The Textbook has a number of strengths:

- **Comprehensive coverage:** The book covers a wide range of topics, including data preprocessing, data mining algorithms, and data visualization.
- **Clear and concise writing:** The book is written in a clear and concise style, making it easy to understand.
- **Examples and exercises:** The book is packed with examples and exercises that help to illustrate the concepts.

- **Case studies:** The book provides case studies that illustrate how data mining is used in the real world.

Weaknesses

Data Mining: The Textbook also has a few weaknesses:

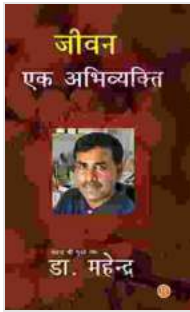
- **Lack of depth:** The book provides a broad overview of the field of data mining, but it does not go into depth on any one topic.
- **Lack of technical detail:** The book does not provide a lot of technical detail on the data mining algorithms. This may make it difficult for readers who are new to the field to understand how the algorithms work.
- **Dated:** The book was published in 2015, and some of the information is already dated. This is especially true in the area of big data mining.

Data Mining: The Textbook by Krista Van Dolzer is a comprehensive and engaging to the field of data mining. It is a good choice for readers who are new to the field or for those who want a broad overview of the topic.

However, readers who are looking for a more in-depth treatment of the subject may want to consider a different book.

Here are some additional resources that you may find helpful:

- Data Mining: The Textbook on Amazon
- KDD: Knowledge Discovery and Data Mining
- Dataversity: The Data Technology Publication



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