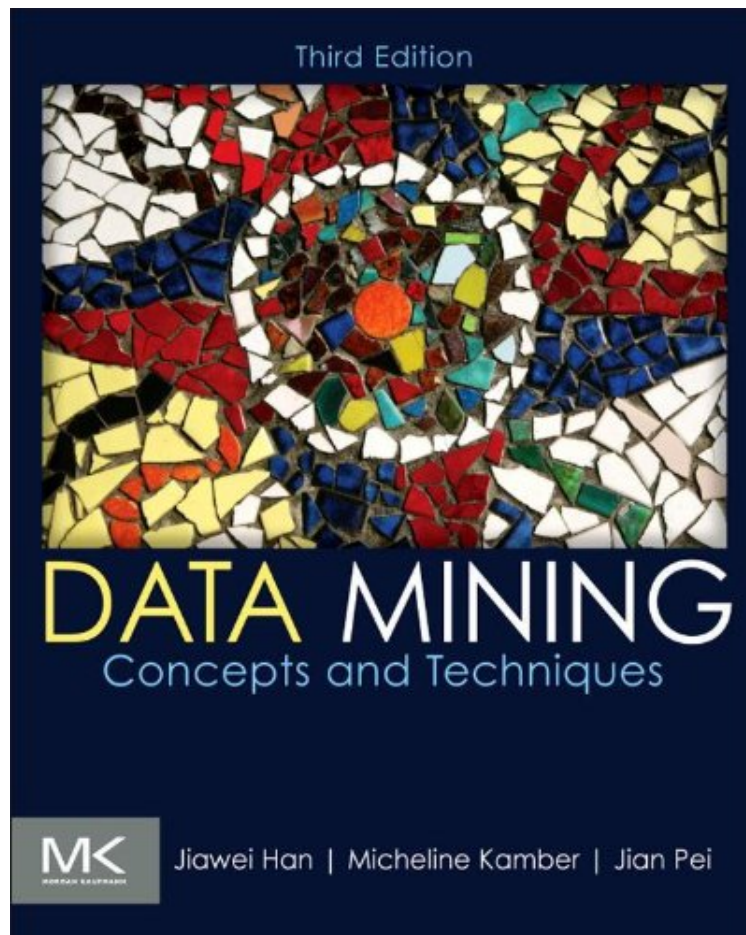


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Data Mining: Concepts and Techniques (The Morgan Kaufmann Series in Data Management Systems)

Von Jiawei Han, Jian Pei, Micheline Kamber
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Von Jiawei Han, Jian Pei, Micheline Kamber : Data Mining: Concepts and Techniques (The Morgan Kaufmann Series in Data Management Systems) before purchasing it in order to gage whether or not it would be worth my time, and all praised Data Mining: Concepts and Techniques (The Morgan Kaufmann Series in Data Management Systems):

KundenrezensionenHilfreichste Kundenrezensionen2 von 3 Kunden fanden die folgende Rezension hilfreich. Sehr detaillierte Einfhrgung in Data MiningVon Keller JuergDas Buch fhrt den Leser sehr behutsam in die Materie ein. Nichts fr Leser, die konzentrierten Inhalt wnschen und nicht 700 Seiten hauchdnn ausgewallter Inhalt lesen mchten. Das Buch ist aber sehr gut fr solche geeignet, die anhand von verschiedenen Beispielen sich in dieses Thema einarbeiten wollen. Da kommt jeder mit! Das Buch ist sehr gut strukturiert und an jedem Kapitelanfang wird erklrt,

was im Folgenden auf den Leser wartet. Detailliertere mathematische Grundlagen werden nicht behandelt, aber man gewinnt einen guten Einblick in die Möglichkeiten und Prinzipien des Data Mining.

5 von 6 Kunden fanden die folgende Rezension hilfreich. Leichter Einstieg in Data Mining

Von Sascha Mintart

Dieses sehr umfangreiche Werk kann man getrost als Standardwerk für Data Mining-Techniken bezeichnen. Es geht davon aus, dass man große Datenbestände und auch eine Datenbank bzw. sogar ein Data Warehouse besitzt, aus dem die Daten abgerufen werden. Bei der Darstellung der verschiedenen Konzepte und Algorithmen folgen immer auch Hinweise darauf, wie sich die beschriebenen Algorithmen bei sehr großen Datenbeständen verhalten. Ansonsten handelt es sich um ein Buch für Studenten, das von den Autoren in Vorlesungen eingesetzt wird. Dadurch ist es sehr breit angelegt, geht evtl. nicht sehr tief, hat aber derart viele Themen, dass man dennoch sehr lange mit dem Buch "auskommt", wenn man Data Mining einsetzen möchte, ehe man zu weiteren Werken greifen müsste. Nach einem Einführungsteil, der auch OLAP und Data Warehousing streift, folgt eine umfangreiche Darstellung zu verschiedenen Data Mining-Algorithmen. Dieser Hauptteil des Buchs enthält viele Beispiele, ausführliche Darstellungen und begrenzt mathematische und statistische Konzepte. Das letzte Drittel enthält eine Darstellung von sehr fortgeschrittenen Data Mining-Techniken, die man vermutlich in der Praxis bei Controlling, Marketing etc. nicht verwenden kann, die aber das Themengebiet an sich hervorragend abrunden und für eine "spätere Lektüre", wenn man alles Andere nachvollzogen hat, verwenden kann.

0 von 3 Kunden fanden die folgende Rezension hilfreich. Best Data Mining books

Von Ayser Armiti

Data Mining: Concepts and Techniques book is the best book for people who want to get an idea about the field of data mining. It gives a good comprehensive overview for the major topics discussed in the field.

Kurzbeschreibung Data Mining: Concepts and Techniques provides the concepts and techniques in processing gathered data or information, which will be used in various applications. Specifically, it explains data mining and the tools used in discovering knowledge from the collected data. This book is referred to as the knowledge discovery from data (KDD). It focuses on the feasibility, usefulness, effectiveness, and scalability of techniques of large data sets. After describing data mining, this edition explains the methods of knowing, preprocessing, processing, and warehousing data. It then presents information about data warehouses, online analytical processing (OLAP), and data cube technology. Then, the methods involved in mining frequent patterns, associations, and correlations for large data sets are described. The book details the methods for data classification and introduces the concepts and methods for data clustering. The remaining chapters discuss the outlier detection and the trends, applications, and research frontiers in data mining. This book is intended for Computer Science students, application developers, business professionals, and researchers who seek information on data mining. Presents dozens of algorithms and implementation examples, all in pseudo-code and suitable for use in real-world, large-scale data mining projects.

Addresses advanced topics such as mining object-relational databases, spatial databases, multimedia databases, time-series databases, text databases, the World Wide Web, and applications in several fields.

Provides a comprehensive, practical look at the concepts and techniques you need to get the most out of your data.

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We are living in the data deluge age. The "Data Mining: Concepts and Techniques" shows us how to find useful knowledge in all that data. This 3rd edition significantly expands the core chapters on data preprocessing, frequent pattern mining, classification, and clustering. The book also comprehensively covers OLAP and outlier detection, and examines mining networks, complex data types, and important application areas. The book, with its companion website, would make a great textbook for analytics, data mining, and knowledge discovery courses.

--"Gregory Piatetsky, President, KDnuggets"

Jiawei, Micheline, and Jian give an encyclopaedic coverage of all the related methods, from the classic topics of clustering and classification, to database methods (association rules, data cubes) to more recent and advanced topics (SVD/PCA, wavelets, support vector machines). Overall, it is an excellent book on classic and modern data mining methods alike, and it is ideal not only for teaching, but as a reference book.

--"From the foreword by Christos Faloutsos, Carnegie Mellon University"

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