Data Mining: The Textbook

Charu C. Aggarwal

Data Mining: The Textbook

Charu C. Aggarwal

Data Mining: The Textbook Charu C. Aggarwal

This textbook explores the different aspects of data mining from the fundamentals to the complex data types and their applications, capturing the wide diversity of problem domains for data mining issues. It goes beyond the traditional focus on data mining problems to introduce advanced data types such as text, time series, discrete sequences, spatial data, graph data, and social networks. Until now, no single book has addressed all these topics in a comprehensive and integrated way. The chapters of this book fall into one of three categories:

- Fundamental chapters: Data mining has four main problems, which correspond to clustering, classification, association pattern mining, and outlier analysis. These chapters comprehensively discuss a wide variety of methods for these problems.
- Domain chapters: These chapters discuss the specific methods used for different domains of data such as text data, time-series data, sequence data, graph data, and spatial data. Application chapters: These chapters study important applications such as stream mining, Web mining, ranking, recommendations, social networks, and privacy preservation. The domain chapters also have an applied flavor.

Appropriate for both introductory and advanced data mining courses, Data Mining: The Textbook balances mathematical details and intuition. It contains the necessary mathematical details for professors and researchers, but it is presented in a simple and intuitive style to improve accessibility for students and industrial practitioners (including those with a limited mathematical background). Numerous illustrations, examples, and exercises are included, with an emphasis on semantically interpretable examples.

Praise for Data Mining: The Textbook -

"As I read through this book, I have already decided to use it in my classes. This is a book written by an outstanding researcher who has made fundamental contributions to data mining, in a way that is both accessible and up to date. The book is complete with theory and practical use cases. It's a must-have for students and professors alike!" -- Qiang Yang, Chair of Computer Science and Engineering at Hong Kong University of Science and Technology

"This is the most amazing and comprehensive text book on data mining. It covers not only the fundamental problems, such as clustering, classification, outliers and frequent patterns, and different data types, including text, time series, sequences, spatial data and graphs, but also various applications, such as recommenders, Web, social network and privacy. It is a great book for graduate students and researchers as well as practitioners." -- Philip S. Yu, UIC Distinguished Professor and Wexler Chair in Information Technology at University of Illinois at Chicago

Download and Read Free Online Data Mining: The Textbook Charu C. Aggarwal

---

From reader reviews:

Ian Gardner:

Spent a free time and energy to be fun activity to accomplish! A lot of people spent their sparetime with their family, or all their friends. Usually they doing activity like watching television, about to beach, or picnic inside the park. They actually doing same task every week. Do you feel it? Do you need to something different to fill your personal free time/ holiday? Might be reading a book is usually option to fill your cost-free time/ holiday. The first thing you ask may be what kinds of e-book that you should read. If you want to attempt look for book, may be the book untitled Data Mining: The Textbook can be great book to read. May be it could be best activity to you.

Karl Schueller:

Your reading sixth sense will not betray a person, why because this Data Mining: The Textbook e-book written by well-known writer who knows well how to make book which might be understand by anyone who also read the book. Written within good manner for you, still dripping wet every ideas and writing skill only for eliminate your hunger then you still hesitation Data Mining: The Textbook as good book not only by the cover but also from the content. This is one publication that can break don't evaluate book by its protect, so do you still needing an additional sixth sense to pick this kind of!? Oh come on your studying sixth sense already told you so why you have to listening to an additional sixth sense.

Charles Montiel:

In this period globalization it is important to someone to acquire information. The information will make someone to understand the condition of the world. The fitness of the world makes the information better to share. You can find a lot of referrals to get information example: internet, classifieds, book, and soon. You will see that now, a lot of publisher that print many kinds of book. Often the book that recommended for you is Data Mining: The Textbook this reserve consist a lot of the information of the condition of this world now. This kind of book was represented how can the world has grown up. The language styles that writer use to explain it is easy to understand. Typically the writer made some investigation when he makes this book. Honestly, that is why this book appropriate all of you.

Jason Davis:

Some individuals said that they feel bored when they reading a guide. They are directly felt it when they get a half elements of the book. You can choose typically the book Data Mining: The Textbook to make your own personal reading is interesting. Your own personal skill of reading expertise is developing when you like reading. Try to choose basic book to make you enjoy to study it and mingle the impression about book and reading through especially. It is to be initially opinion for you to like to open a book and examine it. Beside that the e-book Data Mining: The Textbook can to be your friend when you're sense alone and confuse in what must you're doing of that time.

Download and Read Online Data Mining: The Textbook Charu C. Aggarwal #V801EM2FKNS

Read Data Mining: The Textbook by Charu C. Aggarwal for online ebook

Data Mining: The Textbook by Charu C. Aggarwal Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read Data Mining: The Textbook by Charu C. Aggarwal books to read online.

Online Data Mining: The Textbook by Charu C. Aggarwal ebook PDF download

Data Mining: The Textbook by Charu C. Aggarwal Doc

Data Mining: The Textbook by Charu C. Aggarwal Mobipocket

Data Mining: The Textbook by Charu C. Aggarwal EPub