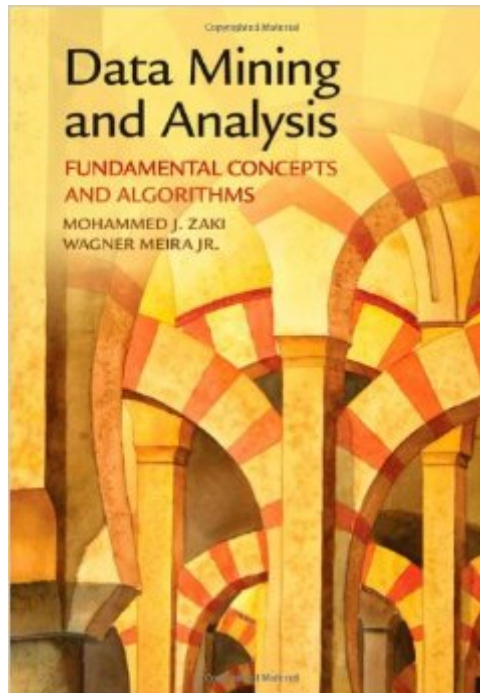


The book was found

# Data Mining And Analysis: Fundamental Concepts And Algorithms



## Synopsis

The fundamental algorithms in data mining and analysis form the basis for the emerging field of data science, which includes automated methods to analyze patterns and models for all kinds of data, with applications ranging from scientific discovery to business intelligence and analytics. This textbook for senior undergraduate and graduate data mining courses provides a broad yet in-depth overview of data mining, integrating related concepts from machine learning and statistics. The main parts of the book include exploratory data analysis, pattern mining, clustering, and classification. The book lays the basic foundations of these tasks, and also covers cutting-edge topics such as kernel methods, high-dimensional data analysis, and complex graphs and networks. With its comprehensive coverage, algorithmic perspective, and wealth of examples, this book offers solid guidance in data mining for students, researchers, and practitioners alike. Key features:

- Covers both core methods and cutting-edge research
- Algorithmic approach with open-source implementations
- Minimal prerequisites: all key mathematical concepts are presented, as is the intuition behind the formulas
- Short, self-contained chapters with class-tested examples and exercises allow for flexibility in designing a course and for easy reference
- Supplementary website with lecture slides, videos, project ideas, and more

## Book Information

Hardcover: 562 pages

Publisher: Cambridge University Press; 1 edition (May 12, 2014)

Language: English

ISBN-10: 0521766338

ISBN-13: 978-0521766333

Product Dimensions: 7 x 1.2 x 10 inches

Shipping Weight: 2.8 pounds (View shipping rates and policies)

Average Customer Review: 4.5 out of 5 stars [See all reviews](#) (8 customer reviews)

Best Sellers Rank: #601,431 in Books (See Top 100 in Books) #109 in [Books > Computers & Technology > Computer Science > AI & Machine Learning > Computer Vision & Pattern](#)

[Recognition](#) #356 in [Books > Computers & Technology > Databases & Big Data > Data Mining](#)

#647 in [Books > Textbooks > Computer Science > Database Storage & Design](#)

## Customer Reviews

This is absolutely the best introduction book to data mining. This is not an advanced one, as it says it is the fundamentals. It is very well written, avoiding the assumption that the reader should guess it

himself. I had 3 other well known references in data mining, but I couldn't finish reading them. My background is in Computer Engineering. I wish I had this book before I suffered with the other. Now I may try approaching Hastie's book again:)

I have a multitude of books on data mining and this is by far one of the must easy to follow books that I have seen. While the authors sacrifice scope, it more than makes up for it in clearness of exposition. I highly encourage anyone interested in data mining to add this one to their collection

I have only read a few chapters but I have already found this to be a quite good reference. The writing style is clear and the material seems to be well organized. However, what ever you do, do not buy the Kindle version. There are countless equations which are printed so small that even on the highest text size setting you will need a magnifying glass to read them. It is a pity that such an otherwise worthwhile reference has this problem.

Covers the breadth and depth of data analysis in a systematic, logical way. The writing is clear with a balance between theory and application.

[Download to continue reading...](#)

Analytics: Data Science, Data Analysis and Predictive Analytics for Business (Algorithms, Business Intelligence, Statistical Analysis, Decision Analysis, Business Analytics, Data Mining, Big Data) Data Mining and Analysis: Fundamental Concepts and Algorithms RapidMiner: Data Mining Use Cases and Business Analytics Applications (Chapman & Hall/CRC Data Mining and Knowledge Discovery Series) Data Analytics: Practical Data Analysis and Statistical Guide to Transform and Evolve Any Business. Leveraging the Power of Data Analytics, Data ... (Hacking Freedom and Data Driven) (Volume 2) Data Analytics: What Every Business Must Know About Big Data And Data Science (Data Analytics for Business, Predictive Analysis, Big Data) Web Data Mining: Exploring Hyperlinks, Contents, and Usage Data (Data-Centric Systems and Applications) Data Science for Business: What You Need to Know about Data Mining and Data-Analytic Thinking Mining the Social Web: Data Mining Facebook, Twitter, LinkedIn, Google+, GitHub, and More Data Analysis and Data Mining using Microsoft Business Intelligence Tools: Excel 2010, Access 2010, and Report Builder 3.0 with SQL Server Forex: Using Fundamental Analysis & Fundamental Trading Techniques to maximize your Gains. (Forex, Forex Trading, Forex Strategy, Forex Trading Strategies, ... Forex Trading Books, Trading Strategies) Data Mining for Business Intelligence: Concepts, Techniques, and Applications in Microsoft Office Excel with XLMiner Data Mining for Business Analytics:

Concepts, Techniques, and Applications with JMP Pro Data Mining for Business Analytics:  
Concepts, Techniques, and Applications with XLMiner Healthcare Data Analytics (Chapman & Hall/CRC Data Mining and Knowledge Discovery Series) Exploratory Data Mining and Data Cleaning Yellowcake Towns - Uranium Mining Communities in the American West (Mining the American West) Bitcoin Mining: The Bitcoin Beginner's Guide (Proven, Step-By-Step Guide To Making Money With Bitcoins) (Bitcoin Mining, Online Business, Investing for ... Beginner, Bitcoin Guide, Bitcoin Trading) Fundamental Tennis (Fundamental Sports) A Complete Guide to the Futures Markets: Fundamental Analysis, Technical Analysis, Trading, Spreads, and Options The complete guide to the futures markets. Fundamental analysis, technical analysis, trading, spreads, and options.

[Dmca](#)