



## The Top Ten Algorithms in Data Mining (Chapman & Hall/CRC Data Mining and Knowledge Discovery Series)

From Chapman and Hall/CRC



### The Top Ten Algorithms in Data Mining (Chapman & Hall/CRC Data Mining and Knowledge Discovery Series) From Chapman and Hall/CRC

Identifying some of the most influential algorithms that are widely used in the data mining community, **The Top Ten Algorithms in Data Mining** provides a description of each algorithm, discusses its impact, and reviews current and future research. Thoroughly evaluated by independent reviewers, each chapter focuses on a particular algorithm and is written by either the original authors of the algorithm or world-class researchers who have extensively studied the respective algorithm.

The book concentrates on the following important algorithms: C4.5,  $k$ -Means, SVM, Apriori, EM, PageRank, AdaBoost,  $k$ NN, Naive Bayes, and CART. Examples illustrate how each algorithm works and highlight its overall performance in a real-world application. The text covers key topics?including classification, clustering, statistical learning, association analysis, and link mining?in data mining research and development as well as in data mining, machine learning, and artificial intelligence courses.

By naming the leading algorithms in this field, this book encourages the use of data mining techniques in a broader realm of real-world applications. It should inspire more data mining researchers to further explore the impact and novel research issues of these algorithms.

[!\[\]\(faf942dc3e59ce8eb64b4ac481eca7e0\_img.jpg\) Download The Top Ten Algorithms in Data Mining \(Chapman & H ...pdf](#)

[!\[\]\(cf531ed27e91483460120fcc057b3901\_img.jpg\) Read Online The Top Ten Algorithms in Data Mining \(Chapman & ...pdf](#)

# The Top Ten Algorithms in Data Mining (Chapman & Hall/CRC Data Mining and Knowledge Discovery Series)

*From Chapman and Hall/CRC*

## **The Top Ten Algorithms in Data Mining (Chapman & Hall/CRC Data Mining and Knowledge Discovery Series) From Chapman and Hall/CRC**

Identifying some of the most influential algorithms that are widely used in the data mining community, **The Top Ten Algorithms in Data Mining** provides a description of each algorithm, discusses its impact, and reviews current and future research. Thoroughly evaluated by independent reviewers, each chapter focuses on a particular algorithm and is written by either the original authors of the algorithm or world-class researchers who have extensively studied the respective algorithm.

The book concentrates on the following important algorithms: C4.5,  $k$ -Means, SVM, Apriori, EM, PageRank, AdaBoost,  $k$ NN, Naive Bayes, and CART. Examples illustrate how each algorithm works and highlight its overall performance in a real-world application. The text covers key topics?including classification, clustering, statistical learning, association analysis, and link mining?in data mining research and development as well as in data mining, machine learning, and artificial intelligence courses.

By naming the leading algorithms in this field, this book encourages the use of data mining techniques in a broader realm of real-world applications. It should inspire more data mining researchers to further explore the impact and novel research issues of these algorithms.

## **The Top Ten Algorithms in Data Mining (Chapman & Hall/CRC Data Mining and Knowledge Discovery Series) From Chapman and Hall/CRC Bibliography**

- Sales Rank: #2126691 in Books
- Published on: 2009-04-09
- Original language: English
- Number of items: 1
- Dimensions: .70" h x 6.40" w x 9.30" l, .95 pounds
- Binding: Hardcover
- 232 pages

 [Download The Top Ten Algorithms in Data Mining \(Chapman & H ...pdf](#)

 [Read Online The Top Ten Algorithms in Data Mining \(Chapman & ...pdf](#)

## Download and Read Free Online The Top Ten Algorithms in Data Mining (Chapman & Hall/CRC Data Mining and Knowledge Discovery Series) From Chapman and Hall/CRC

---

### Editorial Review

#### Review

... The text is easy to read as each chapter focuses on a particular algorithm and a consistent presentation style has been adopted throughout the book ... Each chapter was reviewed by two independent reviewers and one of the book editors?resulting in a text that will be a useful reference source for years to come.

?*International Statistical Review*, 2010

If you are a quality professional looking for data analysis techniques beyond multiple regression, and you are comfortable reading high level mathematics, then this book may be for you.

?*Journal of Quality Technology*, Vol. 41, No. 4, October 2009

#### About the Author

University of Vermont, Burlington, USA University of Minnesota, Minneapolis, USA

### Users Review

#### From reader reviews:

##### Alex Santana:

Why don't make it to be your habit? Right now, try to prepare your time to do the important behave, like looking for your favorite reserve and reading a publication. Beside you can solve your trouble; you can add your knowledge by the reserve entitled The Top Ten Algorithms in Data Mining (Chapman & Hall/CRC Data Mining and Knowledge Discovery Series). Try to make book The Top Ten Algorithms in Data Mining (Chapman & Hall/CRC Data Mining and Knowledge Discovery Series) as your friend. It means that it can for being your friend when you sense alone and beside that course make you smarter than in the past. Yeah, it is very fortunated in your case. The book makes you far more confidence because you can know every thing by the book. So , we should make new experience and also knowledge with this book.

##### Elliott Townsend:

Have you spare time to get a day? What do you do when you have a lot more or little spare time? Yeah, you can choose the suitable activity regarding spend your time. Any person spent their own spare time to take a wander, shopping, or went to often the Mall. How about open as well as read a book entitled The Top Ten Algorithms in Data Mining (Chapman & Hall/CRC Data Mining and Knowledge Discovery Series)? Maybe it is being best activity for you. You already know beside you can spend your time together with your favorite's book, you can smarter than before. Do you agree with it is opinion or you have other opinion?

##### Laura McCallum:

Don't be worry if you are afraid that this book will filled the space in your house, you might have it in e-book

means, more simple and reachable. That The Top Ten Algorithms in Data Mining (Chapman & Hall/CRC Data Mining and Knowledge Discovery Series) can give you a lot of close friends because by you considering this one book you have factor that they don't and make anyone more like an interesting person. This book can be one of a step for you to get success. This guide offer you information that might be your friend doesn't recognize, by knowing more than other make you to be great individuals. So , why hesitate? Let me have The Top Ten Algorithms in Data Mining (Chapman & Hall/CRC Data Mining and Knowledge Discovery Series).

### **Jenna Quintana:**

E-book is one of source of information. We can add our information from it. Not only for students but native or citizen require book to know the up-date information of year to help year. As we know those ebooks have many advantages. Beside we add our knowledge, could also bring us to around the world. From the book The Top Ten Algorithms in Data Mining (Chapman & Hall/CRC Data Mining and Knowledge Discovery Series) we can have more advantage. Don't that you be creative people? For being creative person must choose to read a book. Just simply choose the best book that acceptable with your aim. Don't always be doubt to change your life by this book The Top Ten Algorithms in Data Mining (Chapman & Hall/CRC Data Mining and Knowledge Discovery Series). You can more attractive than now.

**Download and Read Online The Top Ten Algorithms in Data Mining (Chapman & Hall/CRC Data Mining and Knowledge Discovery Series) From Chapman and Hall/CRC #RH1KBL0ZDJM**

## **Read The Top Ten Algorithms in Data Mining (Chapman & Hall/CRC Data Mining and Knowledge Discovery Series) From Chapman and Hall/CRC for online ebook**

The Top Ten Algorithms in Data Mining (Chapman & Hall/CRC Data Mining and Knowledge Discovery Series) From Chapman and Hall/CRC 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 The Top Ten Algorithms in Data Mining (Chapman & Hall/CRC Data Mining and Knowledge Discovery Series) From Chapman and Hall/CRC books to read online.

### **Online The Top Ten Algorithms in Data Mining (Chapman & Hall/CRC Data Mining and Knowledge Discovery Series) From Chapman and Hall/CRC ebook PDF download**

**The Top Ten Algorithms in Data Mining (Chapman & Hall/CRC Data Mining and Knowledge Discovery Series) From Chapman and Hall/CRC Doc**

**The Top Ten Algorithms in Data Mining (Chapman & Hall/CRC Data Mining and Knowledge Discovery Series) From Chapman and Hall/CRC Mobipocket**

**The Top Ten Algorithms in Data Mining (Chapman & Hall/CRC Data Mining and Knowledge Discovery Series) From Chapman and Hall/CRC EPub**