Data Mining Techniques: For Marketing, Sales, And Customer Relationship Management
Synopsis

The leading introductory book on data mining, fully updated and revised! When Berry and Linoff wrote the first edition of Data Mining Techniques in the late 1990s, data mining was just starting to move out of the lab and into the office and has since grown to become an indispensable tool of modern business. This new edition—“more than 50% new and revised”—is a significant update from the previous one, and shows you how to harness the newest data mining methods and techniques to solve common business problems. The duo of unparalleled authors share invaluable advice for improving response rates to direct marketing campaigns, identifying new customer segments, and estimating credit risk. In addition, they cover more advanced topics such as preparing data for analysis and creating the necessary infrastructure for data mining at your company. Features significant updates since the previous edition and updates you on best practices for using data mining methods and techniques for solving common business problems.

Covers a new data mining technique in every chapter along with clear, concise explanations on how to apply each technique immediately.

Touches on core data mining techniques, including decision trees, neural networks, collaborative filtering, association rules, link analysis, survival analysis, and more.

Provides best practices for performing data mining using simple tools such as Excel.

Data Mining Techniques, Third Edition covers a new data mining technique with each successive chapter and then demonstrates how you can apply that technique for improved marketing, sales, and customer support to get immediate results.

Book Information

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In a field evolving as dynamically as data science, 2011 seems a long time ago, and I've since bought a number of the newer titles out there. Still, however, I often find myself reverting to Linoff and Barry's text for a lucid explanation of, or interesting take on a particular data mining subject area. The book is thorough (at 800+ pages this should be the expectation) and technical, but isn't really a how-to manual in that it stops short of containing actual code or instructions. That's not an issue, however, as such instructional information is available elsewhere if needed. My only complaint about the work is that it is a little redundant and otherwise verbose at times. I hope a fourth edition is forthcoming, and that it is a little more tightly edited.---Z. Khandwala

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This book has useful nuggets but one needs to be patient to weed through ill-structured content. Problem 1: Examples and content repeats quite a bit across chapters, but unfortunately never discusses things properly at one place. In every edition authors have added chapters but seemed to have forgotten what they have already discussed in earlier chapters. Problem 2: Many suggestions, scenarios have been incompletely discussed. Without enough information one has to assume quite a bit about the scenario, problem, solution and the value of it. It is okay if it had happened once in a while, but this sprinkling of anecdotes without fully discussing is rampant in this book. Problem 3: It is quite verbose. Problem 4: Keeps on changing the depth of the discussion. The discussion is overall at high-level, however at times authors would go really deep to discuss details around some random topic eg calculation of silhouette scores. The primary focus seemed to be business people and not statistics students. Going deep "selectively" is also a big problem in this book. This book has the potential to become a really good book, but it needs major restructuring.

I got this book for a class on Data-Mining and I found it to be a very good book. It has good visuals to help the reader understand the concepts in the book and maintains a good sense of humor throughout so reading it doesn't seem as dense as some of my typical statistics books. My only criticism of the book would be that it never discusses common software platforms for performing these tasks. While I understand that he probably didn't want to favor a particular platform over another, it seems that introducing the major ones could be helpful for people that may be very used to using just one.

I haven't made it through the entire book, but this serves as a solid reference for different topics in
I used it in a graduate level course I took this spring and it was easy to read and understand.

I taught myself data mining using this book. I also was in my MBA Decision Science class the next year and they used the exact same book, but I had already read the book front to back. I aced that class. The book is comprehensive and allows people to grasp all the basic concepts of data mining.

This is not a book for a beginner. It really should be used for somebody who already uses a lot of data and is comfortable working with various programs. It’s good to advance your knowledge but not begin it.

I have read a couple of books about data science. Reading this one is most enjoyable. I cannot put it down. I found a lot of useful information from examples in different industries. Highly recommend. I do have years of hands on experience on data mining.

Similar to Excel 15 years ago, Data Mining Techniques are the new required skill set for business professionals. Learning techniques from a professionals Gordon Linoff and Michael Berry provides an excellent foundation.

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