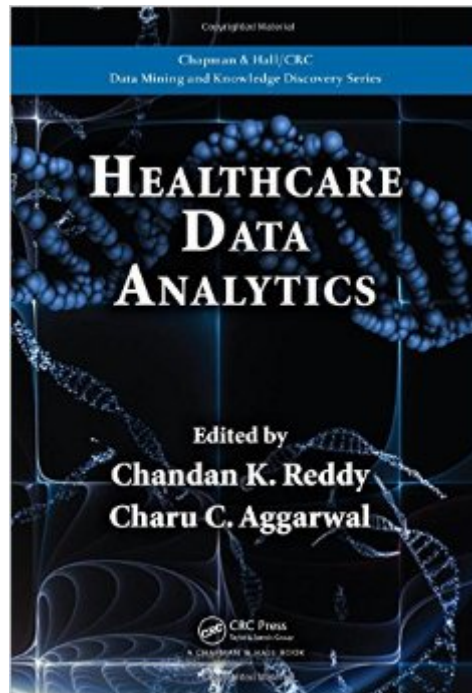


The book was found

# Healthcare Data Analytics (Chapman & Hall/CRC Data Mining And Knowledge Discovery Series)



## Synopsis

At the intersection of computer science and healthcare, data analytics has emerged as a promising tool for solving problems across many healthcare-related disciplines. Supplying a comprehensive overview of recent healthcare analytics research, Healthcare Data Analytics provides a clear understanding of the analytical techniques currently available to solve healthcare problems. The book details novel techniques for acquiring, handling, retrieving, and making best use of healthcare data. It analyzes recent developments in healthcare computing and discusses emerging technologies that can help improve the health and well-being of patients. Written by prominent researchers and experts working in the healthcare domain, the book sheds light on many of the computational challenges in the field of medical informatics. Each chapter in the book is structured as a "survey-style" article discussing the prominent research issues and the advances made on that research topic. The book is divided into three major categories: Healthcare Data Sources and Basic Analytics - details the various healthcare data sources and analytical techniques used in the processing and analysis of such data Advanced Data Analytics for Healthcare - covers advanced analytical methods, including clinical prediction models, temporal pattern mining methods, and visual analytics Applications and Practical Systems for Healthcare - covers the applications of data analytics to pervasive healthcare, fraud detection, and drug discovery along with systems for medical imaging and decision support Computer scientists are usually not trained in domain-specific medical concepts, whereas medical practitioners and researchers have limited exposure to the data analytics area. The contents of this book will help to bring together these diverse communities by carefully and comprehensively discussing the most relevant contributions from each domain.

## Book Information

Series: Chapman & Hall/CRC Data Mining and Knowledge Discovery Series (Book 36)

Hardcover: 760 pages

Publisher: Chapman and Hall/CRC (June 23, 2015)

Language: English

ISBN-10: 1482232111

ISBN-13: 978-1482232110

Product Dimensions: 7.1 x 1.7 x 10.1 inches

Shipping Weight: 3.2 pounds (View shipping rates and policies)

Average Customer Review: 5.0 out of 5 stars See all reviews (1 customer review)

Best Sellers Rank: #425,159 in Books (See Top 100 in Books) #268 in Books > Computers &

Technology > Databases & Big Data > Data Mining #306 inÂ Books > Business & Money > Industries > Service #455 inÂ Books > Business & Money > Education & Reference > Statistics

## Customer Reviews

Excellent book for Healthcare Analytics course. This covers different aspects in analytics depend on healthcare players. Provide details on EMR data formats and their classification. Also for a new person, advance methods for predictions and visualization are discussed in detail.

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

RapidMiner: Data Mining Use Cases and Business Analytics Applications (Chapman & Hall/CRC Data Mining and Knowledge Discovery Series) Healthcare Data Analytics (Chapman & Hall/CRC Data Mining and Knowledge Discovery Series) Analytics: Data Science, Data Analysis and Predictive Analytics for Business (Algorithms, Business Intelligence, Statistical Analysis, Decision Analysis, Business Analytics, Data Mining, Big Data) Big Data and Social Science: A Practical Guide to Methods and Tools (Chapman & Hall/CRC Statistics in the Social and Behavioral Sciences) 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) RNA-seq Data Analysis: A Practical Approach (Chapman & Hall/CRC Mathematical and Computational Biology) Data Analytics: What Every Business Must Know About Big Data And Data Science (Data Analytics for Business, Predictive Analysis, Big Data) Modern Adaptive Randomized Clinical Trials: Statistical and Practical Aspects (Chapman & Hall/CRC Biostatistics Series) A Concise Introduction to Image Processing using C++ (Chapman & Hall/CRC Numerical Analysis and Scientific Computing Series) Error Correcting Codes: A Mathematical Introduction (Chapman Hall/CRC Mathematics Series) Computational Actuarial Science with R (Chapman & Hall/CRC The R Series) Handbook of Solvency for Actuaries and Risk Managers: Theory and Practice (Chapman & Hall/CRC Finance) Statistical Learning with Sparsity: The Lasso and Generalizations (Chapman & Hall/CRC Monographs on Statistics & Applied Probability) Python for Bioinformatics (Chapman & Hall/CRC Mathematical and Computational Biology) CoArrays: Parallel Programming in Fortran (Chapman & Hall/CRC Computational Science) Analytics: Data Science, Data Analysis and Predictive Analytics for Business Mining the Social Web: Data Mining Facebook, Twitter, LinkedIn, Google+, GitHub, and More Data Mining for Business Analytics: Concepts, Techniques, and Applications with JMP Pro Data Mining for Business Analytics: Concepts, Techniques, and Applications with XLMiner Web Data Mining: Exploring Hyperlinks, Contents, and Usage Data (Data-Centric Systems and Applications)

