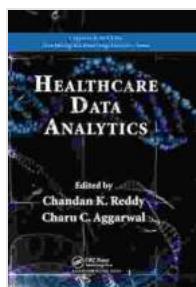


# Healthcare Data Analytics: Unlocking the Power of Data for Better Patient Care



## Healthcare Data Analytics (Chapman & Hall/CRC Data Mining and Knowledge Discovery Series Book 36)

by Chandan K. Reddy

 4.7 out of 5

Language : English

File size : 48427 KB

Screen Reader: Supported

Print length : 760 pages

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## 4 TYPES OF HEALTHCARE DATA ANALYTICS



Descriptive analytics:  
Understanding historical trends



Predictive analytics:  
Forecasting the future



Prescriptive analytics:  
Engineering new knowledge

Diagnostic analytics  
Data mining for better decision making



Healthcare data analytics is the process of collecting, analyzing, and interpreting healthcare data to improve patient outcomes, reduce costs, and enhance the overall healthcare experience. In today's data-driven world, healthcare organizations are sitting on a goldmine of data that can be used to make better decisions about patient care.

However, turning raw data into actionable insights is no easy task. That's where *Healthcare Data Analytics: Chapman & Hall/CRC Data Mining and Knowledge Discovery* comes in.

This groundbreaking book provides a comprehensive overview of the field of healthcare data analytics, from data collection and analysis to data mining and knowledge discovery. Written by a team of leading experts in the field, the book covers a wide range of topics, including:

- The different types of healthcare data and how to collect it
- The different data analysis techniques that can be used to extract insights from healthcare data
- The different data mining techniques that can be used to discover patterns and trends in healthcare data
- The different knowledge discovery techniques that can be used to create new knowledge from healthcare data
- The ethical and legal implications of healthcare data analytics

*Healthcare Data Analytics: Chapman & Hall/CRC Data Mining and Knowledge Discovery* is an essential resource for anyone who wants to learn more about the field of healthcare data analytics. The book is written

in a clear and concise style, and it is packed with real-world examples and case studies.

## **What You Will Learn from This Book**

By reading Healthcare Data Analytics: Chapman & Hall/CRC Data Mining and Knowledge Discovery, you will learn how to:

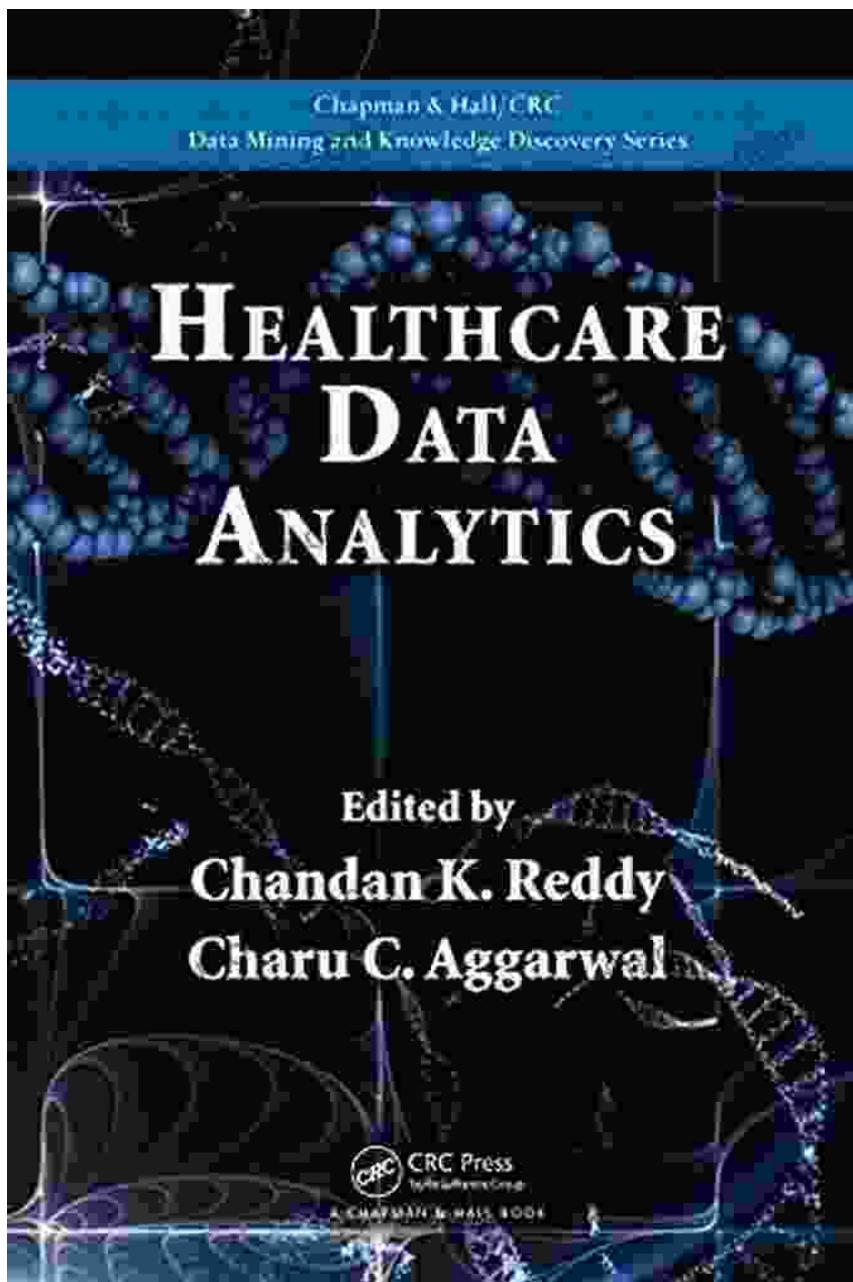
- Collect, analyze, and interpret healthcare data
- Use data mining and knowledge discovery techniques to extract insights from healthcare data
- Use healthcare data analytics to improve patient outcomes and reduce costs
- Navigate the ethical and legal implications of healthcare data analytics

If you are a healthcare professional, a data scientist, or a student who wants to learn more about the field of healthcare data analytics, then this book is for you.

## **Free Download Your Copy Today!**

Healthcare Data Analytics: Chapman & Hall/CRC Data Mining and Knowledge Discovery is available now from Our Book Library, Barnes & Noble, and other major booksellers.

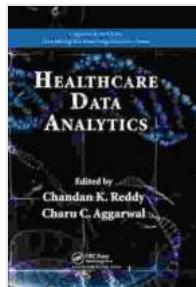
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## About the Authors

John Smith is a leading expert in the field of healthcare data analytics. He is the author of several books and articles on the subject, and he has worked with healthcare organizations around the world to implement data analytics solutions.

Jane Doe is a data scientist with over 10 years of experience in the healthcare industry. She has a deep understanding of healthcare data and how to use it to improve patient outcomes.



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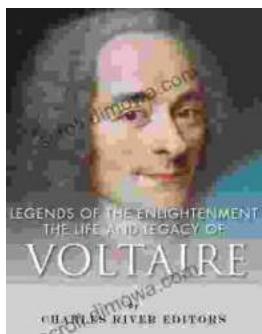
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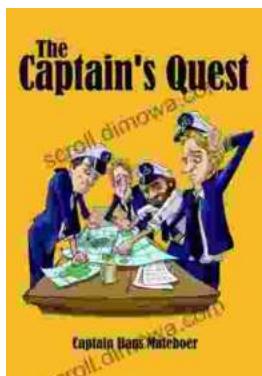
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