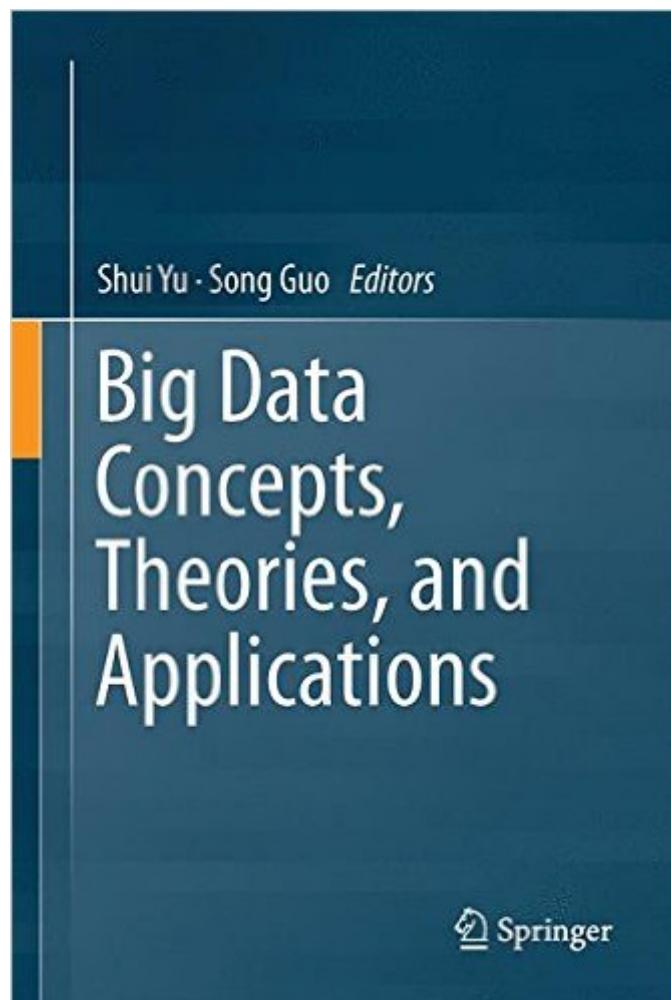


The book was found

# Big Data Concepts, Theories, And Applications



## Synopsis

This book covers three major parts of Big Data: concepts, theories and applications. Written by world-renowned leaders in Big Data, this book explores the problems, possible solutions and directions for Big Data in research and practice. It also focuses on high level concepts such as definitions of Big Data from different angles; surveys in research and applications; and existing tools, mechanisms, and systems in practice. Each chapter is independent from the other chapters, allowing users to read any chapter directly. After examining the practical side of Big Data, this book presents theoretical perspectives. The theoretical research ranges from Big Data representation, modeling and topology to distribution and dimension reducing. Chapters also investigate the many disciplines that involve Big Data, such as statistics, data mining, machine learning, networking, algorithms, security and differential geometry. The last section of this book introduces Big Data applications from different communities, such as business, engineering and science. Big Data Concepts, Theories and Applications is designed as a reference for researchers and advanced level students in computer science, electrical engineering and mathematics. Practitioners who focus on information systems, big data, data mining, business analysis and other related fields will also find this material valuable.

## Book Information

Hardcover: 437 pages

Publisher: Springer; 1st ed. 2016 edition (March 3, 2016)

Language: English

ISBN-10: 3319277618

ISBN-13: 978-3319277615

Product Dimensions: 6.1 x 1 x 9.2 inches

Shipping Weight: 1.8 pounds (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #1,843,437 in Books (See Top 100 in Books) #368 in Books > Computers & Technology > Hardware & DIY > Internet & Networking #1419 in Books > Computers & Technology > Networking & Cloud Computing > Network Security #3987 in Books > Computers & Technology > Security & Encryption

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

Data Analytics: Practical Data Analysis and Statistical Guide to Transform and Evolve Any Business Leveraging the Power of Data Analytics, Data Science, ... (Hacking Freedom and Data Driven Book

2) Big Data, MapReduce, Hadoop, and Spark with Python: Master Big Data Analytics and Data Wrangling with MapReduce Fundamentals using Hadoop, Spark, and Python Big Data Concepts, Theories, and Applications Big Data For Beginners: Understanding SMART Big Data, Data Mining & Data Analytics For improved Business Performance, Life Decisions & More! Ghost Stories: Petrifying True Ghost Stories Of The Undead And Their Supernatural Tales (Ghost Stories, True Ghost Stories, Conspiracy Theories, True Ghost ... And Hauntings, Haunted Asylums, Book 1) Sleisenger and Fordtran's Gastrointestinal and Liver Disease Review and Assessment (Sleisenger and Fordtrans Gastrointestinal and Liver) Understanding Cloud, IoT and Big data (Cloud, IoT & Big Data: Basic To AWS SA Professional Book 1) Low-Dimensional and Nanostructured Materials and Devices: Properties, Synthesis, Characterization, Modelling and Applications (NanoScience and Technology) Programming and Automating Cisco Networks: A guide to network programmability and automation in the data center, campus, and WAN (Networking Technology) Introducing Data Science: Big Data, Machine Learning, and more, using Python tools Eat Fat and Get Thin, Fit, and Healthier Than Ever Before! Easy Diet and Delicious Cookbook: Recipes for Dramatic and Sustainable Weight Loss (Includes 21 Day Meal Plan) Best Plants for New Mexico Gardens and Landscapes: Keyed to Cities and Regions in New Mexico and Adjacent Areas, Revised and Expanded Edition Amino Acids: The Way to Health and Wellness: Find Health and Healing from Depression, Addictions, Obesity, Anxiety, Sexual Issues, and Fill Nutritional Needs of Vegetarian and Vegan Diets Die-cutting and Tooling: A guide to the manufacture and use of cutting, embossing and foiling dies, anvils and cylinders The Complete Book of Essential Oils and Aromatherapy: Over 800 Natural, Nontoxic, and Fragrant Recipes to Create Health, Beauty, and Safe Home and Work Environments The Human Side of Science: Edison and Tesla, Watson and Crick, and Other Personal Stories behind Science's Big Ideas Label Embellishments and Special Applications: Exploring the techniques and processes used for adding decorative finishes and functionality to labels Fibonacci and Lucas Numbers with Applications, Volume One (Pure and Applied Mathematics: A Wiley Series of Texts, Monographs and Tracts) Karp's Cell and Molecular Biology: Concepts and Experiments, 8th Edition Cell and Molecular Biology: Concepts and Experiments 8e Binder Ready Version + WileyPLUS Learning Space Registration Card

[Dmca](#)