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Autore	Zamora Saiz Alfonso
Titolo	An Introduction to Data Analysis in R : Hands-on Coding, Data Mining, Visualization and Statistics from Scratch // by Alfonso Zamora Saiz, Carlos Quesada González, Lluís Hurtado Gil, Diego Mondéjar Ruiz
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Descrizione fisica	1 online resource (XV, 276 p. 99 illus., 81 illus. in color.)
Collana	Use R!, , 2197-5736
Disciplina	519.5 519.50285
Soggetti	Statistics Big data Data mining R (Computer program language) Statistics and Computing/Statistics Programs Big Data/Analytics Data Mining and Knowledge Discovery Statistics for Business, Management, Economics, Finance, Insurance
Lingua di pubblicazione	Inglese
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Nota di contenuto	Preface -- 1 Introduction -- 2 Introduction to R -- 3 Databases in R -- 4 Visualization -- 5 Data Analysis with R -- R Packages and Funtions.
Sommario/riassunto	This textbook offers an easy-to-follow, practical guide to modern data analysis using the programming language R. The chapters cover topics such as the fundamentals of programming in R, data collection and preprocessing, including web scraping, data visualization, and statistical methods, including multivariate analysis, and feature exercises at the end of each section. The text requires only basic statistics skills, as it strikes a balance between statistical and mathematical understanding and implementation in R, with a special emphasis on reproducible examples and real-world applications. This textbook is primarily intended for undergraduate students of mathematics, statistics, physics, economics, finance and business who

are pursuing a career in data analytics. It will be equally valuable for master students of data science and industry professionals who want to conduct data analyses.
