1. Record Nr. UNINA9910484916903321

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
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2020
ISBN	3-030-48997-3
Edizione	[1st ed. 2020.]
Descrizione fisica	1 online resource (XV, 276 p. 99 illus., 81 illus. in color.)
Collana	Use R!, , 2197-5744
Disciplina	005.133
Soggetti	Mathematical statistics - Data processing Quantitative research Data mining Statistics Statistics and Computing Data Analysis and Big Data Data Mining and Knowledge Discovery Statistics in Business, Management, Economics, Finance, Insurance
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references.
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.