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	Titolo	An Introduction to Data Analysis in R [[electronic resource]] : 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!, , 2197-5736
	Disciplina	519.5
	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
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	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.