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Titolo	Data Visualisation with R : 111 Examples // by Thomas Rahlf
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ISBN	3-030-28444-1
Edizione	[2nd ed. 2019.]
Descrizione fisica	1 online resource (461 pages)
Disciplina	001.4226
Soggetti	Computer graphics Statistics Application software Computer software R (Computer program language) Visualització de la informació R (Llenguatge de programació) Computer Graphics Statistics, general Computer Applications Professional Computing Llibres electrònics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Data for Everybody -- Structure and Technical Requirements -- Implementation in R -- Beyond R -- Regarding the Examples -- Categorical Data -- Distributions -- Time Series -- Scatter Plots -- Maps -- Illustrative Examples -- Interactive Visualisation with JavaScript: Highcharts and Mapael -- Appendix.
Sommario/riassunto	This book introduces readers to the fundamentals of creating presentation graphics using R, based on 111 detailed and complete scripts. It shows how bar and column charts, population pyramids, Lorenz curves, box plots, scatter plots, time series, radial polygons, Gantt charts, heat maps, bump charts, mosaic and balloon charts, and a series of different thematic map types can be created using R's Base

Graphics System. Every example uses real data and includes step-by-step explanations of the figures and their programming. This second edition contains additional examples for cartograms, chord-diagrams and networks, and interactive visualizations with Javascript. The open source software R is an established standard and a powerful tool for various visualizing applications, integrating nearly all technologies relevant for data visualization. The basic software, enhanced by more than 14000 extension packs currently freely available, is intensively used by organizations including Google, Facebook and the CIA. The book serves as a comprehensive reference guide to a broad variety of applications in various fields. This book is intended for all kinds of R users, ranging from experts, for whom especially the example codes are particularly useful, to beginners, who will find the finished graphics most helpful in learning what R can actually deliver. Features and Benefits Offers a comprehensive introduction to creating presentation graphics with R Presents the complete code of 111 examples from various fields Includes step-by-step explanations of the programming of figures, based on real data.
