

1. Record Nr.	UNINA9910300257603321
Autore	Arnold Taylor
Titolo	Humanities Data in R : Exploring Networks, Geospatial Data, Images, and Text // by Taylor Arnold, Lauren Tilton
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2015
ISBN	3-319-20702-4
Edizione	[1st ed. 2015.]
Descrizione fisica	1 online resource (XIII, 211 p. 50 illus., 33 illus. in color.)
Collana	Quantitative Methods in the Humanities and Social Sciences, , 2199-0964
Disciplina	001.30285
Soggetti	Mathematical statistics - Data processing Digital humanities Sociology - Methodology Computational linguistics Anthropology Statistics and Computing Digital Humanities Sociological Methods Computational Linguistics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di contenuto	Set-up -- A Short Introduction to R -- EDA I Continuous and Categorical Data -- EDA II Multivariate Analysis -- EDA III Advanced Graphics -- Networks -- Geospatial Data -- Image Data -- Natural Language Processing -- Text Analysis -- Appendix.
Sommario/riassunto	This pioneering book teaches readers to use R within four core analytical areas applicable to the Humanities: networks, text, geospatial data, and images. This book is also designed to be a bridge: between quantitative and qualitative methods, individual and collaborative work, and the humanities and social scientists. Exploring Humanities Data Types with R does not presuppose background programming experience. Early chapters take readers from R set-up to exploratory data analysis (continuous and categorical data, multivariate analysis, and advanced graphics with emphasis on aesthetics and facility).

Everything is hands-on: networks are explained using U.S. Supreme Court opinions, and low-level NLP methods are applied to short stories by Sir Arthur Conan Doyle. The book's data, code, appendix with 100 basic programming exercises and solutions, and dedicated website are valuable resources for readers. The methodology will have wide application in classrooms and self-study for the humanities, but also for use in linguistics, anthropology, and political science. Outside the classroom, this intersection of humanities and computing is particularly relevant for research and new modes of dissemination across archives, museums and libraries.
