1.	Record Nr.	UNINA9910298990803321
	Autore	Spence Robert
	Titolo	Information Visualization : An Introduction / / by Robert Spence
	Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2014
	ISBN	3-319-07341-9
	Edizione	[3rd ed. 2014.]
	Descrizione fisica	1 online resource (XXI, 321 p. 328 illus., 214 illus. in color.)
	Disciplina	006.6
	Soggetti	Computers
		Application software
		Computer science - Mathematics
		Multimedia systems
		Information Systems and Communication Service
		Computer Applications
		Computational Mathematics and Numerical Analysis
		Media Design
		Computing Milieux
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Note generali	Bibliographic Level Mode of Issuance: Monograph
	Nota di bibliografia	Includes bibliographical references.
	Nota di contenuto	Preface -- Introduction -- Issues -- Representation -- Presentation -- Interaction -- Design -- Case studies -- Glossary -- Videos. .
	Sommario/riassunto	Information visualization is the act of gaining insight into data, and is carried out by virtually everyone. It is usually facilitated by turning data – often a collection of numbers – into images that allow much easier comprehension. Everyone benefits from information visualization, whether internet shopping, investigating fraud or indulging an interest in art. So no assumptions are made about specialist background knowledge in, for example, computer science, mathematics, programming or human cognition. Indeed, the book is directed at two main audiences. One comprises first year students of any discipline. The other comprises graduates – again of any discipline – who are taking a one- or two-year course of training to be visual and interaction designers. By focusing on the activity of design the

pedagogical approach adopted by the book is based on the view that the best way to learn about the subject is to do it, to be creative: not to prepare for the ubiquitous examination paper. The content of the book, and the associated exercises, are typically used to support five creative design exercises, the final one being a group project mirroring the activity of a consultancy undertaking a design (not an implementation) for a client. Engagement with the material of this book can have a variety of outcomes. The composer of a school newsletter and the applicant for a multi-million investment should both be able to convey their message mor e effectively, and the curator of an exhibition will have new presentational techniques on their palette. For those students training to be visual/interaction designers the exercises have led to original and stimulating outcomes. .