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Descrizione fisica	1 online resource (XVII, 293 p. 73 illus.)
Collana	Advanced Information and Knowledge Processing, , 1610-3947
Disciplina	005.7565
Soggetti	Management information systems Computer science Database management Data structures (Computer science) Software engineering Management of Computing and Information Systems Database Management Data Structures Software Engineering
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Nota di contenuto	Introducing Big Data -- Strategy -- Structure -- Style -- Staff -- Statistical Thinking -- Synthesis -- Systems -- Sources -- Security -- Technical Insights -- The Future of IS in the Era of Big Data.
Sommario/riassunto	This timely text/reference explores the business and technical issues involved in the management of information systems in the era of big data and beyond. The book presents a solid introduction to the concepts of information systems and big data, guiding the reader from first principles and making extensive use of examples to promote a deeper understanding of both theory and practice. Topics and features: Presents review questions and discussion topics in each chapter for classroom group work and individual research assignments Discusses the potential use of a variety of big data tools and techniques in a business environment, explaining how these can fit within an information systems strategy Reviews existing theories and practices in

information systems, and explores their continued relevance in the era of big data Describes the key technologies involved in information systems in general and big data in particular, placing these technologies in an historic context Suggests areas for further research in this fast moving domain Equips readers with an understanding of the important aspects of a data scientist's job Provides hands-on experience to further assist in the understanding of the technologies involved With a Foreword by Professor Richard Hill, Head of the Department of Computing and Mathematics at the University of Derby, UK This comprehensive and accessible work is eminently suitable for modular courses on modern information systems, for students of both computer science and management. Professionals interested in data science in the context of how it can be used in business will also find the book to be ideal for self-study.
