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Autore	Maheshwari Anil <1949-, >
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Collana	Big data and business analytics collection, , 2333-6757
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Nota di bibliografia	Includes bibliographical references (pages 157-158) and index.
Nota di contenuto	1. Wholeness of business intelligence and data mining -- 2. Business intelligence concepts and applications -- 3. Data warehousing -- 4. Data mining -- 5. Decision trees -- 6. Regression -- 7. Artificial neural networks -- 8. Cluster analysis -- 9. Association rule mining -- 10. Text mining -- 11. Web mining -- 12. Big data -- 13. Data modeling primer -- Additional resources -- Index.
Sommario/riassunto	Business is the act of doing something productive to serve someone's needs, and thus earn a living, and make the world a better place. Business activities are recorded on paper or using electronic media, and then these records become data. There is more data from customers' responses and on the industry as a whole. All this data can be analyzed and mined using special tools and techniques to generate patterns and intelligence, which reflect how the business is functioning. These ideas can then be fed back into the business so that it can evolve to become more effective and efficient in serving customer needs. And the cycle continues on. Business intelligence includes tools and techniques for data gathering, analysis, and visualization for helping with executive decision making in any industry. Data mining includes statistical and machine-learning techniques to build decision-making models from raw data. Data mining techniques covered in this book include decision

trees, regression, artificial neural networks, cluster analysis, and many more. Text mining, web mining, and big data are also covered in an easy way. A primer on data modeling is included for those uninitiated in this topic.

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