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Nota di contenuto	What is data science? -- Little data, big data -- The process of data science -- Tools for data analysis -- Clustering and social network analysis -- Predictions and forecasts -- Text analysis and mining -- The future of data science and information professionals -- Appendix- Programming concepts for data science.
Sommario/riassunto	<p>The growing importance of data science, and the increasing role of information professionals in the management and use of data, are brought together in <i>Practical Data Science for Information Professionals</i> to provide a practical introduction specifically designed for information professionals.</p> <p>Data science has a wide range of applications within the information profession, from working alongside researchers in the discovery of new knowledge, to the application of business analytics for the smoother running of a library or library services. <i>Practical Data Science for Information Professionals</i> provides an accessible introduction to data science, using detailed examples and analysis on real data sets to explore the basics of the subject.</p> <p>Content covered includes:</p> <ul style="list-style-type: none"> <li>the growing importance of data science</li> <li>the role of the information professional in data science</li> <li>some of</li> </ul>

the most important tools and methods that information professionals may use

- an analysis of the future of data science and the role of the information professional.

This book will be of interest to all types of libraries around the world, from large academic libraries to small research libraries. By focusing on the application of open source software, the book aims to reduce barriers for readers to use the lessons learned within.

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