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| Collana | Behaviormetrics: Quantitative Approaches to Human Behavior ; ; v.9 |
| Disciplina | 005.74 |
| Soggetti | Statistics Cadena de blocs (Bases de dades) Criptomoneda Mineria de dades Data mining Big data Llibres electrònics |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Nota di bibliografia | Includes bibliographical references and index. |
| Nota di contenuto | Intro -- Preface -- Disclaimer Regarding Terminology -- Acknowledgements -- Contents -- 1 Understanding the Data Model -- 1.1 Data Model -- 1.2 Data Examples -- 1.3 Exercises and Questions for Discussion -- References -- 2 Exploration with Structured Query Language -- 2.1 Example Queries -- 2.2 Exercises and Questions for Discussion -- References -- 3 Association Rules -- 3.1 Basic Concepts -- 3.2 Association Rules in Cryptocurrency Blockchains -- 3.3 Exercises and Questions for Discussion -- References -- 4 Clustering -- 4.1 Basic Concepts -- 4.2 Similarity Measurement Example -- 4.3 K-Means Clustering and Hierarchical Clustering -- 4.4 Clustering Larger Cryptocurrency Balance Datasets -- 4.5 Exercises and Questions for Discussion -- References -- 5 Classification -- 5.1 Basic Concepts -- 5.2 Classifying Larger Cryptocurrency Balance Datasets -- 5.3 Exercises and Questions for Discussion -- References -- 6 Visualization -- 6.1 Basic Concepts -- 6.2 Color-Coding and Reordering a Data Table -- 6.3 Multidimensional Scaling -- 6.4 Parallel Coordinates -- 6.5 Pixel-Oriented Visualization -- 6.6 Exercises and |

Questions for Discussion -- References -- 7 Network Science -- 7.1
Basic Concepts -- 7.2 Network Data -- 7.3 Structural Properties of
Networks -- 7.4 Community Detection in Networks -- 7.5 Visualization
of Networks -- 7.6 Constructing Network Data for Cryptocurrency
Blockchains -- 7.7 Visualizing Larger Cryptocurrency Networks -- 7.8
Exercises and Questions for Discussion -- References -- 8 Conclusions
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