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Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	DISCOVERING KNOWLEDGE IN DATA; Contents; Preface; 1 An Introduction to Data Mining; 1.1 What is Data Mining?; 1.2 Wanted: Data Miners; 1.3 The Need for Human Direction of Data Mining; 1.4 The Cross-Industry Standard Practice for Data Mining; 1.4.1 Crisp-DM: The Six Phases; 1.5 Fallacies of Data Mining; 1.6 What Tasks Can Data Mining Accomplish?; 1.6.1 Description; 1.6.2 Estimation; 1.6.3 Prediction; 1.6.4 Classification; 1.6.5 Clustering; 1.6.6 Association; References; Exercises; 2 Data Preprocessing; 2.1 Why do We Need to Preprocess the Data?; 2.2 Data Cleaning; 2.3 Handling Missing Data 2.4 Identifying Misclassifications2.5 Graphical Methods for Identifying Outliers; 2.6 Measures of Center and Spread; 2.7 Data Transformation; 2.8 Min-Max Normalization; 2.9 Z-Score Standardization; 2.10 Decimal Scaling; 2.11 Transformations to Achieve Normality; 2.12 Numerical Methods for Identifying Outliers; 2.13 Flag Variables; 2.14 Transforming Categorical Variables into Numerical Variables; 2.15 Binning Numerical Variables; 2.16 Reclassifying Categorical Variables; 2.17 Adding an Index Field; 2.18 Removing Variables that are Not Useful; 2.19 Variables that Should Probably Not Be Removed 2.20 Removal of Duplicate Records2.21 A Word About Id Fields; THE R ZONE; References; Exercises; Hands-On Analysis; 3 Exploratory Data

Analysis; 3.1 Hypothesis Testing Versus Exploratory Data Analysis; 3.2 Getting to Know the Data Set; 3.3 Exploring Categorical Variables; 3.4 Exploring Numeric Variables; 3.5 Exploring Multivariate Relationships; 3.6 Selecting Interesting Subsets of the Data for Further Investigation; 3.7 Using EDA to Uncover Anomalous Fields; 3.8 Binning Based on Predictive Value; 3.9 Deriving New Variables: Flag Variables; 3.10 Deriving New Variables: Numerical Variables
3.11 Using EDA to Investigate Correlated Predictor Variables
3.12 Summary; THE R ZONE; Reference; Exercises; Hands-On Analysis; 4 Univariate Statistical Analysis; 4.1 Data Mining Tasks in Discovering Knowledge in Data; 4.2 Statistical Approaches to Estimation and Prediction; 4.3 Statistical Inference; 4.4 How Confident are We in Our Estimates?; 4.5 Confidence Interval Estimation of the Mean; 4.6 How to Reduce the Margin of Error; 4.7 Confidence Interval Estimation of the Proportion; 4.8 Hypothesis Testing for the Mean; 4.9 Assessing the Strength of Evidence Against the Null Hypothesis
4.10 Using Confidence Intervals to Perform Hypothesis Tests
4.11 Hypothesis Testing for the Proportion; THE R ZONE; Reference; Exercises; 5 Multivariate Statistics; 5.1 Two-Sample t-Test for Difference in Means; 5.2 Two-Sample Z-Test for Difference in Proportions; 5.3 Test for Homogeneity of Proportions; 5.4 Chi-Square Test for Goodness of Fit of Multinomial Data; 5.5 Analysis of Variance; 5.6 Regression Analysis; 5.7 Hypothesis Testing in Regression; 5.8 Measuring the Quality of a Regression Model; 5.9 Dangers of Extrapolation; 5.10 Confidence Intervals for the Mean Value of Given
5.11 Prediction Intervals for a Randomly Chosen Value of Given

Sommario/riassunto

"This is a new edition of a highly praised, successful reference on data mining, now more important than ever due to the growth of the field and wide range of applications. This edition features new chapters on multivariate statistical analysis, covering analysis of variance and chi-square procedures; cost-benefit analyses; and time-series data analysis. There is also extensive coverage of the R statistical programming language. Graduate and advanced undergraduate students of computer science and statistics, managers/CEOs/CFOs, marketing executives, market researchers and analysts, sales analysts, and medical professionals will want this comprehensive reference"--

2. Record Nr.	UNINA9910786771303321
Autore	Keshavjee Salmaan <1970->
Titolo	Blind spot : how neoliberalism infiltrated global health / / Salmaan Keshavjee ; foreword by Paul E. Farmer
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Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Front matter -- Contents -- Illustrations -- Foreword -- Preface -- Acknowledgments -- Map of Tajikistan -- 1. Introduction -- 2. Health in the Time of the USSR -- 3 Seeking Help at the End of Empire -- 4. The Health Crisis in Badakhshan -- 5. Minding the Gap? -- 6. Bretton Woods to Bamako -- 7. From Bamako to Badakhshan -- 8 Privatizing Health Services -- 9 Revealing the Blind Spot -- 10 Epilogue -- Notes -- Bibliography -- Index
Sommario/riassunto	Neoliberalism has been the defining paradigm in global health since the latter part of the twentieth century. What started as an untested and unproven theory that the creation of unfettered markets would give rise to political democracy led to policies that promoted the belief that private markets were the optimal agents for the distribution of social goods, including health care. A vivid illustration of the infiltration of neoliberal ideology into the design and implementation of development programs, this case study, set in post-Soviet Tajikistan's remote eastern province of Badakhshan, draws on extensive ethnographic and historical material to examine a "revolving drug fund" program-used by numerous nongovernmental organizations globally to address shortages of high-quality pharmaceuticals in poor communities. Provocative, rigorous, and accessible, <i>Blind Spot</i> offers a

cautionary tale about the forces driving decision making in health and development policy today, illustrating how the privatization of health care can have catastrophic outcomes for some of the world's most vulnerable populations.
