



Regression Analysis by Example: Wiley Series in Probability and Statistics (Fifth Edition)

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Wiley India Pvt. Ltd, 2013. Softcover. Book Condition: New. 5th or later edition. Regression Analysis by Example, Fifth Edition, has been expanded and thoroughly updated to reflect recent advances in the field. The emphasis continues to be on exploratory data analysis rather than statistical theory. The book offers in-depth treatment of regression diagnostics, transformation, multicollinearity, logistic regression, and robust regression. Methods of regression analysis are clearly demonstrated, and examples containing the types of irregularities commonly encountered in the real world are provided. Each example isolates one or two techniques and features detailed discussions of the techniques themselves, the required assumptions, and the evaluated success of each technique. The methods described throughout the book can be carried out with most of the currently available statistical software packages, such as the software packages R, SPSS, SAS, and Minitab. Regression Analysis by Example, Fifth Edition is suitable for anyone with an understanding of elementary statistics. Preface 1 Introduction 1.1 What Is Regression Analysis? 1.2 Publicly Available Data Sets 1.3 Selected Applications of Regression Analysis 1.4 Steps in Regression Analysis 1.5 Scope and Organization of the Book Exercises 2 Simple Linear Regression 2.1 Introduction 2.2 Covariance and Correlation Coefficient 2.3 Example: Computer Repair Data...



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