introduction to modeling, the authors evaluate a wide range of estimation techniques including least squares, quantile regression, and maximum-likelihood-based methods. In addition, the book features an extensive case study on the use of regression models in the study of disease risk. The final chapter provides a comprehensive overview of the key concepts and techniques covered in the book, along with suggestions for further reading and research.

Data Analysis and Applications: A New Statistician's Guide to Publishing and Teaching

The second edition of this book provides a comprehensive guide to data analysis and applications for new statisticians and researchers. The book covers a wide range of topics, including data visualization, statistical inference, and regression analysis. It is designed to help researchers and students understand how to effectively use data analysis techniques to answer research questions and make informed decisions. The book includes numerous examples and case studies, along with guidelines for interpreting results and communicating findings. It is an excellent resource for anyone who needs to analyze and present data in their work.

Regression Models: Methods and Applications

This book provides a comprehensive overview of regression models and their applications in the social sciences. The authors cover a wide range of topics, including simple and multiple regression, logistic regression, and time-series analysis. The book also includes case studies and examples from a variety of disciplines, such as economics, sociology, and psychology. It is an excellent resource for researchers and students who want to learn more about regression models and their applications in real-world contexts.

Logistic Regression for Research: A Guide for Students and Researchers

This book provides a practical guide to logistic regression analysis for students and researchers in the social sciences. The authors cover a wide range of topics, including model specification, estimation, and interpretation. The book includes numerous examples and case studies, along with guidelines for interpreting results and communicating findings. It is an excellent resource for anyone who needs to analyze data using logistic regression techniques.

Introduction to Linear Regression Analysis

This book provides a comprehensive overview of linear regression analysis, with a focus on its applications in the social sciences. The authors cover a wide range of topics, including simple and multiple regression, logistic regression, and time-series analysis. The book also includes case studies and examples from a variety of disciplines, such as economics, sociology, and psychology. It is an excellent resource for researchers and students who want to learn more about regression models and their applications in real-world contexts.

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Applied Regression Analysis and Multivariable Methods

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**Regression Models:**

- The book contains over 400 exercises with worked solutions, an extensive FTP site, and a website with additional data sets and code.
- It is intended for use in courses on linear models and regression analysis at the advanced undergraduate and graduate levels.
- It is also an invaluable reference for researchers who need to gain a better understanding of regression and analysis of variance.

- **Applications of Regression Techniques:**
  - The book discusses the use of regression techniques in a variety of contexts, including social science research, medical studies, and business applications.
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