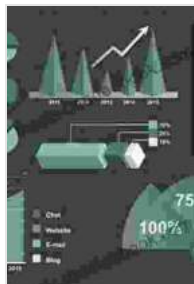


An Example-Based Approach to Statistical and Probabilistic Inference



Data Analysis and Graphics Using R: An Example-Based Approach (Cambridge Series in Statistical and Probabilistic Mathematics Book 10)

★★★★☆ 4.1 out of 5

Language : English
File size : 50487 KB
Text-to-Speech : Enabled
Screen Reader : Supported
Enhanced typesetting : Enabled
Print length : 549 pages



David J. Hand

This book provides an example-based approach to statistical and probabilistic inference. It guides the reader through the essential concepts, from simple data analysis to advanced modeling techniques, and helps the reader build a solid foundation in statistical theory. The book is organized into three parts:

1. Part I: Foundations of Statistical Inference

This part introduces the basic concepts of statistical inference, including data collection, probability, and statistical modeling.

2. Part II: Statistical Models

This part covers a wide range of statistical models, including linear regression, logistic regression, and Bayesian models.

3. Part III: Applications of Statistical Inference

This part shows how statistical inference can be used to solve real-world problems, including medical diagnosis, quality control, and marketing research.

The book is written in a clear and concise style, and it is suitable for both undergraduate and graduate students in statistics, as well as for professionals working in the field.

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2. Data Collection
3. Probability
4. Statistical Modeling

2. Part II: Statistical Models

1. Linear Regression
2. Logistic Regression
3. Bayesian Models

3. Part III: Applications of Statistical Inference

1. Medical Diagnosis
2. Quality Control
3. Marketing Research

Reviews

"This book is a valuable resource for students and professionals in statistics. It provides a clear and concise to the essential concepts of statistical inference, and it covers a wide range of statistical models and applications."

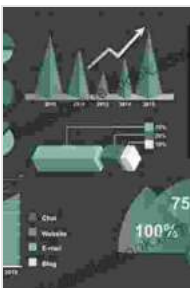
—**Journal of the American Statistical Association**

"This book is a well-written and comprehensive to statistical and probabilistic inference. It is an excellent resource for students and professionals in the field."

—**The Statistician**

Author

David J. Hand is a professor of statistics at Imperial College London. He is a Fellow of the Royal Statistical Society and the American Statistical Association. He is the author of over 200 papers and books on statistical theory and applications.



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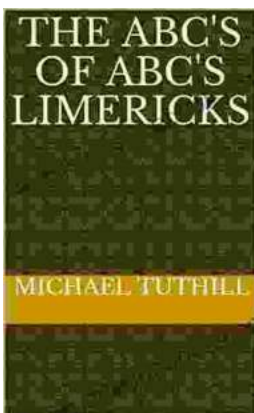
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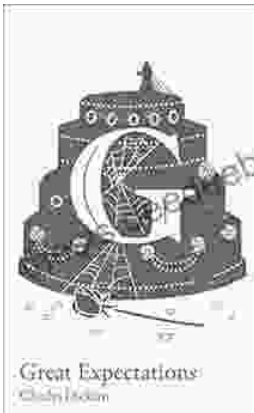
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