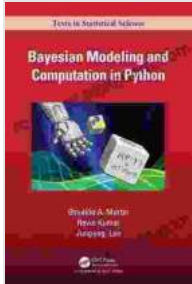


Bayesian Modeling and Computation in Python: Chapman & Hall/CRC Texts in Statistical Science



Bayesian Modeling and Computation in Python (Chapman & Hall/CRC Texts in Statistical Science)

by Ravin Kumar

★★★★☆ 4.5 out of 5

Language : English

File size : 65598 KB

Print length : 168 pages

Screen Reader: Supported



About the Book

Bayesian Modeling and Computation in Python provides a comprehensive to Bayesian modeling and computation with a focus on Python.

The book covers the following topics:

- to Bayesian modeling
- Markov chain Monte Carlo (MCMC) methods
- Gibbs sampling
- Hamiltonian Monte Carlo
- Variational inference
- Bayesian model selection

- Bayesian experimental design
- Bayesian optimization

The book includes numerous examples and exercises to help readers learn the material.

Audience

Bayesian Modeling and Computation in Python is aimed at researchers, graduate students, and practitioners in the fields of statistics, machine learning, data science, and related disciplines.

Authors

Oswaldo Martin is a professor of statistics at the University of Valencia. He is the author of several books on Bayesian modeling and computation.

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Reviews

"Bayesian Modeling and Computation in Python is a comprehensive and well-written text on Bayesian modeling and computation. The book covers a wide range of topics, from the basics of Bayesian modeling to advanced techniques such as variational inference and Bayesian optimization. The authors do an excellent job of explaining the concepts in a clear and concise manner, and they provide numerous examples and exercises to help readers learn the material. I highly recommend this book to anyone who is interested in learning about Bayesian modeling and computation." -

Dr. Michael Betancourt, Assistant Professor of Statistics, Columbia University

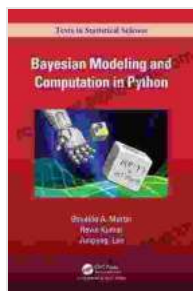
"Bayesian Modeling and Computation in Python is a valuable resource for anyone who wants to learn about Bayesian modeling and computation. The book covers the essential concepts and techniques, and it provides a wealth of examples and exercises. I highly recommend this book to students, researchers, and practitioners in the fields of statistics, machine learning, and data science." - **Dr. David Blei, Professor of Statistics, Columbia University**

Availability

Bayesian Modeling and Computation in Python is available in print and electronic formats from Chapman & Hall/CRC.

: 978-1-4987-8969-0

: 10.1201/9781498789690



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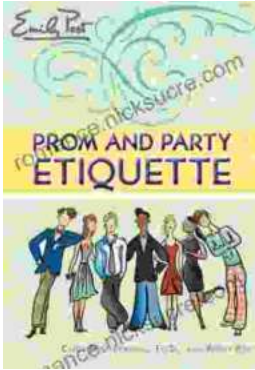
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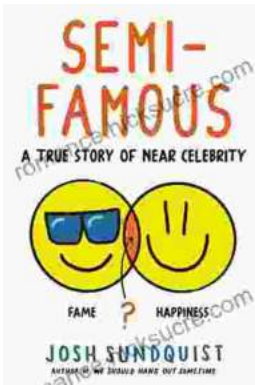
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