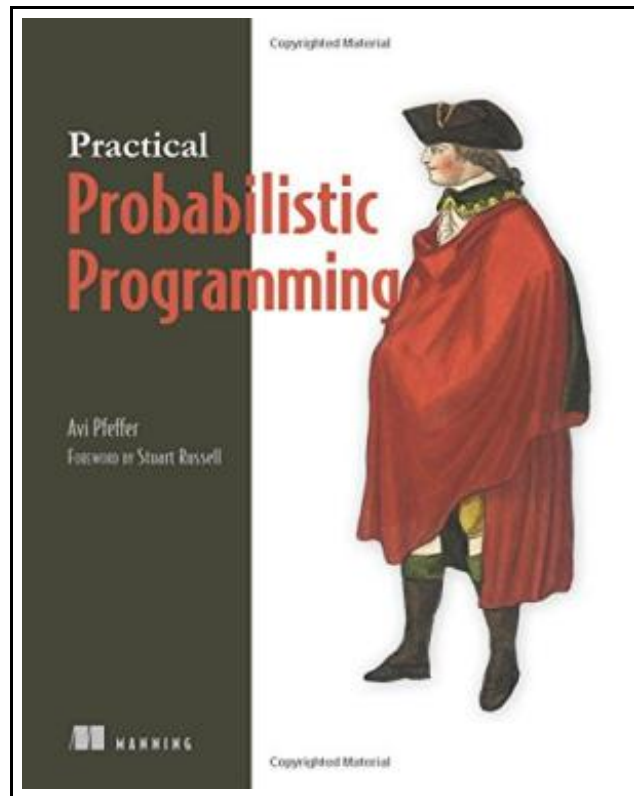


## Practical Probabilistic Programming



Filesize: 1.48 MB

### ***Reviews***

*An extremely wonderful publication with lucid and perfect reasons. It typically will not expense too much. You are going to like the way the blogger compose this publication.*  
**(Prof. Maya Hand)**

## PRACTICAL PROBABILISTIC PROGRAMMING



To read **Practical Probabilistic Programming** PDF, remember to click the button listed below and save the file or have accessibility to additional information that are in conjunction with PRACTICAL PROBABILISTIC PROGRAMMING ebook.

Manning Publications. Paperback. Book Condition: new. BRAND NEW, Practical Probabilistic Programming, Ava Pfeffer, DESCRIPTION Data accumulated about customers, products, and website users can not only help interpret the past, it can help predict the future! Probabilistic programming is a programming paradigm in which code models are used to draw probabilistic inferences from data. By applying specialized algorithms, programs assign degrees of probability to conclusions and make it possible to forecast future events like sales trends, computer system failures, experimental outcomes, and other critical concerns. Practical Probabilistic Programming explains how to use the PP paradigm to model application domains and express those probabilistic models in code. It shows how to use the Figaro language to build a spam filter and apply Bayesian and Markov networks to diagnose computer system data problems and recover digital images. Then it dives into the world of probabilistic inference, where algorithms help turn the extended prediction of social media usage into a science. The book covers functional-style programming for text analysis and using object-oriented models to predict social phenomena like the spread of tweets, and using open universe models to model real-life social media usage. It also teaches the principles of algorithms such as belief propagation and Markov chain Monte Carlo. The book closes out with modeling dynamic systems by using a product cycle as its main example and explains how probabilistic KEY SELLING POINTS Covers the basic rules of probabilistic inference Illustrated with useful practical examples Build a wide variety of probabilistic models AUDIENCE Code examples are written in Figaro. Some knowledge of Scala and a basic foundation in data science is helpful. No prior exposure to probabilistic programming is required. ABOUT THE TECHNOLOGY Probabilistic programming is a new discipline, and the tools and best practices are still emerging. Powerful new tools like the Figaro...



[Read Practical Probabilistic Programming Online](#)

[Download PDF Practical Probabilistic Programming](#)

## Relevant eBooks



---

**[PDF] Summer Fit Preschool to Kindergarten Math, Reading, Writing, Language Arts Fitness, Nutrition and Values**

Access the link beneath to get "Summer Fit Preschool to Kindergarten Math, Reading, Writing, Language Arts Fitness, Nutrition and Values" file.

[Save Document »](#)



---

**[PDF] The Mystery in Icy Antarctica The Frozen Continent Around the World in 80 Mysteries**

Access the link beneath to get "The Mystery in Icy Antarctica The Frozen Continent Around the World in 80 Mysteries" file.

[Save Document »](#)



---

**[PDF] The Breathtaking Mystery on Mt. Everest The Top of the World Around the World in 80 Mysteries**

Access the link beneath to get "The Breathtaking Mystery on Mt. Everest The Top of the World Around the World in 80 Mysteries" file.

[Save Document »](#)



---

**[PDF] Scala in Depth**

Access the link beneath to get "Scala in Depth" file.

[Save Document »](#)



---

**[PDF] DK Readers Animal Hospital Level 2 Beginning to Read Alone**

Access the link beneath to get "DK Readers Animal Hospital Level 2 Beginning to Read Alone" file.

[Save Document »](#)



---

**[PDF] Kindergarten Reading Stick Kids Workbook Stick Kids Workbooks**

Access the link beneath to get "Kindergarten Reading Stick Kids Workbook Stick Kids Workbooks" file.

[Save Document »](#)