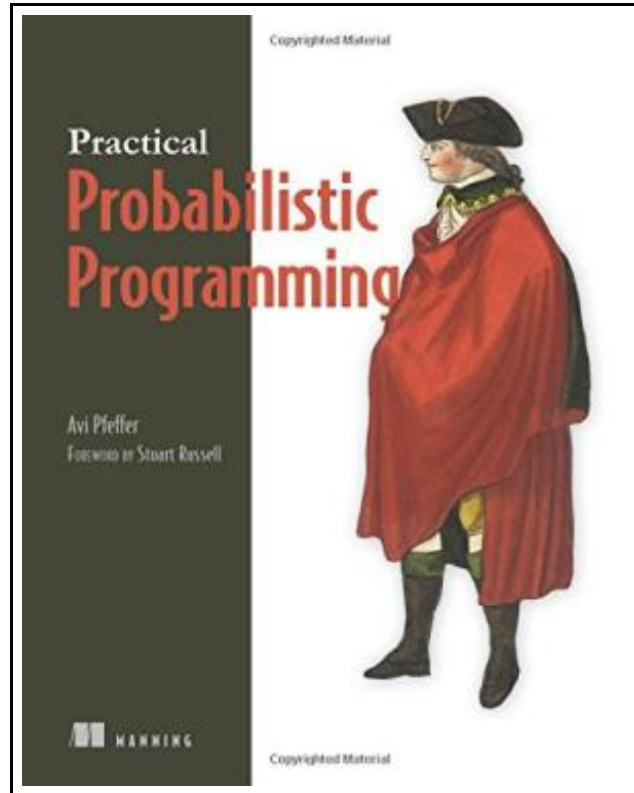# Practical Probabilistic Programming

Filesize: 7.7 MB

Reviews

Absolutely one of the better ebook We have ever study. it had been writtern quite completely and valuable. Once you begin to read the book, it is extremely difficult to leave it before concluding.
(Carol Lehner II)

PRACTICAL PROBABILISTIC PROGRAMMING

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 PDFs

The Mystery in Icy Antarctica The Frozen Continent Around the World in 80 Mysteries

Gallopade International. Paperback. Book Condition: New. Paperback. 133 pages. Dimensions: 7.3in. x 5.2in. x 0.3in.When you purchase the Library Bound mystery you will receive FREE online eBook access! Carole Marsh Mystery Online eBooks are an...
Save Document »

The Breathtaking Mystery on Mt. Everest The Top of the World Around the World in 80 Mysteries

Gallopade International. Paperback. Book Condition: New. Paperback. 144 pages. Dimensions: 7.3in. x 5.2in. x 0.4in.When you purchase the Library Bound mystery you will receive FREE online eBook access! Carole Marsh Mystery Online eBooks are an...
Save Document »

Scala in Depth

Manning Publications. Paperback. Book Condition: New. Paperback. 304 pages. Dimensions: 9.2in. x 7.3in. x 0.8in.Summary Scala in Depth is a unique new book designed to help you integrate Scala effectively into your development process. By...
Save Document »

DK Readers Animal Hospital Level 2 Beginning to Read Alone

DK CHILDREN. Paperback. Book Condition: New. Paperback. 32 pages. Dimensions: 8.9in. x 5.8in. x 0.1in.This Level 2 book is appropriate for children who are beginning to read alone. When Jack and Luke take an injured...
Save Document »

Kindergarten Reading Stick Kids Workbook Stick Kids Workbooks

Creative Teaching Press. Paperback. Book Condition: New. Paperback. 56 pages. Dimensions: 8.8in. x 6.4in. x 0.3in.Every day your child is acquiring skills needed for entry into the world beyond family and home. Arrival at school...
Save Document »

The Mystery of the Haunted Ghost Town Real Kids, Real Places

Gallopade International. Paperback. Book Condition: New. Paperback. 144 pages. Dimensions: 7.4in. x 5.2in. x 0.5in.When you purchase the Library Bound mystery you will receive FREE online eBook access! Carole Marsh Mystery Online eBooks are an

Download Document »

Estrellas Peregrinas Cuentos de Magia y Poder Spanish Edition

Pinata Books. Paperback. Book Condition: New. Paperback. 178 pages. Dimensions: 8.3in. x 5.4in. x 0.6in.First ever Spanish-language edition of the critically acclaimed collection of short stories for young adults by a master of Latino literature

Download Document »

A Sea Symphony - Study Score

Petrucci Library Press. Paperback. Book Condition: New. Paperback. 324 pages. Dimensions: 9.6in. x 6.7in. x 0.7in.Vaughan Williams conducted the first performance of his great choral symphony on his 38th birthday, October 12, 1910, at the

Download Document »

The Mystery in Chocolate Town: Hershey, Pennsylvania

Gallopade International. Paperback. Book Condition: New. Paperback. 145 pages. Dimensions: 7.4in. x 5.2in. x 0.4in.When you purchase the Library Bound mystery you will receive FREE online eBook access! Carole Marsh Mystery Online eBooks are an

Download Document »

Scholastic Discover More Animal Babies

Scholastic Reference. Hardcover. Book Condition: New. Hardcover. 32 pages. Dimensions: 9.1in. x 7.6in. x 0.5in.Scholastic Discover More is a revolutionary new nonfiction line pairing stunning print books with corresponding interactive digital books that extend the

Download Document »