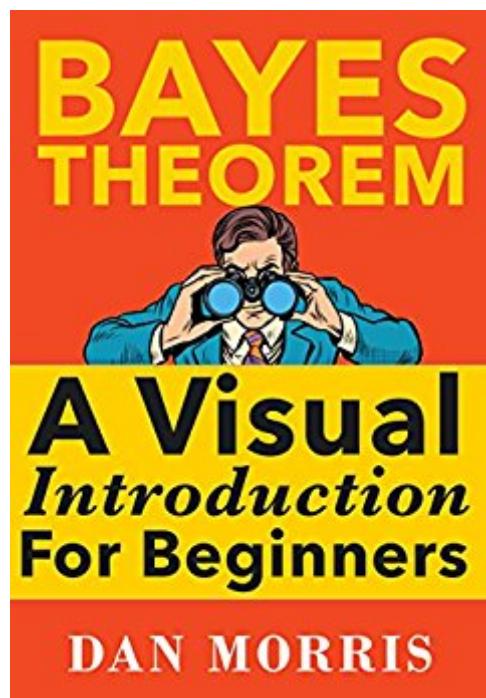The book was found

Bayes' Theorem Examples: A Visual Introduction For Beginners

Synopsis

***** #1 Kindle Store Bestseller in Mathematics (Throughout 2016) ********** #1 Kindle Store Bestseller in Education Theory (Throughout 2017) *****If you are looking for a short beginners guide packed with visual examples, this book is for you.Bayes' Theorem Examples: A Beginners Visual Approach to Bayesian Data Analysis If youâ€™ve recently used Google search to find something, Bayes' Theorem was used to find your search results. The same is true for those recommendations on Netflix. Hedge funds? Self-driving cars? Search and Rescue? Bayes' Theorem is used in all of the above and more. At its core, Bayes' Theorem is a simple probability and statistics formula that has revolutionized how we understand and deal with uncertainty. If life is seen as black and white, Bayes' Theorem helps us think about the gray areas. When new evidence comes our way, it helps us update our beliefs and create a new belief.Ready to dig in and visually explore Bayes' Theorem? Letâ€™s go! Over 60 hand-drawn visuals are included throughout the book to help you work through each problem as you learn by example. The beautifully hand-drawn visual illustrations are specifically designed and formatted for the kindle.This book also includes sections not found in other books on Bayes' Rule. These include:A short tutorial on how to understand problem scenarios and find P(B), P(A), and P(B|A). - For many people, knowing how to approach scenarios and break them apart can be daunting. In this booklet, we provide a quick step-by-step reference on how to confidently understand scenarios.A few examples of how to think like a Bayesian in everyday life. Bayes' Rule might seem somewhat abstract, but it can be applied to many areas of life and help you make better decisions. Learn how Bayes can help you with critical thinking, problem-solving, and dealing with the gray areas of life. A concise history of Bayes' Rule. - Bayes' Theorem has a fascinating 200+ year history, and we have summed it up for you in this booklet. From its discovery in the 1700â€™s to its being used to break the Germanâ€™s Enigma Code during World War 2.Fascinating real-life stories on how Bayes' formula is used everyday.From search and rescue to spam filtering and driverless cars, Bayes is used in many areas of modern day life.An expanded Bayes' Theorem definition, including notations, and proof section. - In this section we define core elementary bayesian statistics terms more concretely. A recommended readings sectionFrom The Theory That Would Not Die to Think Bayes: Bayesian Statistics in Pythoni> and many more, there are a number of fantastic resources we have collected for further reading.If you are a visual learner and like to learn by example, this intuitive Bayes' Theorem 'for dummies' type book is a good fit for you.Praise for Bayes' Theorem Examples"...What Morris has presented is a useful way to provide the reader with a basic understanding of how to apply the theorem. He takes it easy step by easy step and explains matters in a way that almost

anyone can understand. Moreover, by using Venn Diagrams and other visuals, he gives the reader multiple ways of understanding exactly what is going on in Bayes' theorem. The way in which he presents this material helps solidify in the reader's mind how to use Bayes' theorem..." - Doug E. - TOP 100 REVIEWER"...For those who are predominately "Visual Learners", as I certainly am, I highly recommend this book...I believe I gained more from this book than I did from college statistics. Or at least, one fantastic refresher after 20 some years after the fact." - Tin F. TOP 50 REVIEWER

Book Information

File Size: 1256 KB

Print Length: 205 pages

Simultaneous Device Usage: Unlimited

Publisher: Blue Windmill (October 2, 2016)

Publication Date: October 2, 2016

Sold by:Ã Â Digital Services LLC

Language: English

ASIN: B01LZ1T9IX

Text-to-Speech: Enabled

X-Ray: Enabled

Word Wise: Enabled

Lending: Not Enabled

Screen Reader: Supported

Enhanced Typesetting: Enabled

Best Sellers Rank: #4,285 Paid in Kindle Store (See Top 100 Paid in Kindle Store) #1 inÃ Â Kindle Store > Kindle eBooks > Education & Teaching > Teacher Resources > Education Theory > Contemporary Methods > Experimental #2 inÃ Â Kindle Store > Kindle eBooks > Nonfiction > Science > Mathematics #2 inÃ Â Books > Education & Teaching > Schools & Teaching > Education Theory > Experimental Methods

Customer Reviews

As someone who taught logic for more than 20 years, I was interested in seeing how Dan Morris handled Bayes Theorem in what he calls "A Visual Introduction for Beginners." What Morris has presented is a useful way to provide the reader with a basic understanding of how to apply the theorem. He takes it easy step by easy step and explains matters in a way that almost anyone can

understand. Moreover, by using Venn Diagrams and other visuals, he gives the reader multiple ways of understanding exactly what is going on in Bayes theorem. After an introductory section he applies Bayes theorem to examples from day-to-day life (such as how to ascertain the likelihood of having food poisoning versus the flu). The way in which he presents this material helps solidify in the reader's mind how to use Bayes theorem. For me, the best part came toward the end of the book, when he discusses how Bayes theorem is used in search and rescue operations, spam filtering, and even in the technology behind driverless cars.The back material includes a section on "Recommended In-Depth Reading," which I would highly recommend for anyone wanting to go further in their understanding of Bayes theorem. (In fact, I'm seriously considering reading some of these works to enhance my own understanding of how to assess probability in everyday life.) The "Bibliography" also provides a list of articles and books that discuss various aspects of Bayes theorem.

Great book, easy to read and understand! I can't say enough good things about this book, except excellent and well done!

Interesting. I've got to spend more time to get it

Helped me understand Bayes. Step by step explanations were easy to follow. Goof stuff.

An interesting book for beginners but examples seems repetitive to me with the same text and steps. Half of the book is similar to the other half.However, images and descriptions are really nice to understand the concepts.

Writing is clear and concise. Has great visual explanations!

Nice introduction. Would have liked to learn how to deal with slightly more complex scenarios, but I feel ready to do that on my own either way, after reading this.

Took a quick look throughout the contents and it looks exactly what I need. Something to introduce the theory and logic so that I can read more in-depth articles and apply the theorems to Python and R.

Bayes' Theorem Examples: A Visual Introduction For Beginners The Theory That Would Not Die: How Bayes' Rule Cracked the Enigma Code, Hunted Down Russian Submarines, and Emerged Triumphant from Two Centuries of Controversy Think Bayes: Bayesian Statistics in Python Fermat's Last Theorem: The Story of a Riddle That Confounded the World's Greatest Minds for 358 Years GÃƒÂ¶del's Theorem: An Incomplete Guide to Its Use and Abuse The Arrow Impossibility Theorem (Kenneth J. Arrow Lecture Series) The Babylonian Theorem: The Mathematical Journey to Pythagoras and Euclid Local Analysis for the Odd Order Theorem (London Mathematical Society Lecture Note Series) Examples & Explanations: Constitutional Law: National Power and Federalism (Examples & Explanations) Corporate Taxation: Examples And Explanations (Examples & Explanations) Examples & Explanations for Antitrust (Examples & Explanations Series) Examples & Explanations for Bankruptcy and Debtor Creditor (Examples & Explanations Series) Examples & Explanations for Secured Transactions (Examples & Explanations Series) Examples & Explanations for California Community Property (Examples & Explanations Series) Examples & Explanations for Evidence (Examples & Explanations Series) Examples & Explanations: Legal Writing, Second Edition (Examples and Explanations) Examples & Explanations for Dispute Resolution (Examples & Explanations Series) Examples and Explanations: Remedies, 2nd Edition (Examples & Explanations) Eyewitness Visual Dictionaries: The Visual Dictionary of the Human Body (DK Visual Dictionaries) Vegan: The Ultimate Vegan Cookbook for Beginners - Easily Get Started With Over 70 Mouth-Watering Vegan Recipes (Vegan Recipes for Beginners, Vegan Diet for Beginners, Vegan Cookbook for Beginners)