



Probably Not: Future Prediction Using Probability and Statistical Inference

By Lawrence N. Dworsky

Download now

Read Online 

Probably Not: Future Prediction Using Probability and Statistical Inference

By Lawrence N. Dworsky

An engaging, entertaining, and informative introduction to probability and prediction in our everyday lives

Although *Probably Not* deals with probability and statistics, it is not heavily mathematical and is not filled with complex derivations, proofs, and theoretical problem sets. This book unveils the world of statistics through questions such as what is known based upon the information at hand and what can be expected to happen. While learning essential concepts including "the confidence factor" and "random walks," readers will be entertained and intrigued as they move from chapter to chapter. Moreover, the author provides a foundation of basic principles to guide decision making in almost all facets of life including playing games, developing winning business strategies, and managing personal finances.

Much of the book is organized around easy-to-follow examples that address common, everyday issues such as:

- How travel time is affected by congestion, driving speed, and traffic lights
- Why different gambling casino strategies ultimately offer players no advantage
- How to estimate how many different birds of one species are seen on a walk through the woods

Seemingly random events—coin flip games, the Central Limit Theorem, binomial distributions and Poisson distributions, Parrando's Paradox, and Benford's Law—are addressed and treated through key concepts and methods in probability. In addition, fun-to-solve problems including "the shared birthday" and "the prize behind door number one, two, or three" are found throughout the book, which allow readers to test and practice their new probability skills. Requiring little background knowledge of mathematics, readers will gain a greater understanding of the many daily activities and events that involve random processes and statistics.

Combining the mathematics of probability with real-world examples, *Probably Not* is an ideal reference for practitioners and students who would like to learn more about the role of probability and statistics in everyday decision making.

 [Download Probably Not: Future Prediction Using Probability ...pdf](#)

 [Read Online Probably Not: Future Prediction Using Probabilit ...pdf](#)

Probably Not: Future Prediction Using Probability and Statistical Inference

By Lawrence N. Dworsky

Probably Not: Future Prediction Using Probability and Statistical Inference By Lawrence N. Dworsky

An engaging, entertaining, and informative introduction to probability and prediction in our everyday lives

Although *Probably Not* deals with probability and statistics, it is not heavily mathematical and is not filled with complex derivations, proofs, and theoretical problem sets. This book unveils the world of statistics through questions such as what is known based upon the information at hand and what can be expected to happen. While learning essential concepts including "the confidence factor" and "random walks," readers will be entertained and intrigued as they move from chapter to chapter. Moreover, the author provides a foundation of basic principles to guide decision making in almost all facets of life including playing games, developing winning business strategies, and managing personal finances.

Much of the book is organized around easy-to-follow examples that address common, everyday issues such as:

- How travel time is affected by congestion, driving speed, and traffic lights
- Why different gambling casino strategies ultimately offer players no advantage
- How to estimate how many different birds of one species are seen on a walk through the woods

Seemingly random events—coin flip games, the Central Limit Theorem, binomial distributions and Poisson distributions, Parrando's Paradox, and Benford's Law—are addressed and treated through key concepts and methods in probability. In addition, fun-to-solve problems including "the shared birthday" and "the prize behind door number one, two, or three" are found throughout the book, which allow readers to test and practice their new probability skills. Requiring little background knowledge of mathematics, readers will gain a greater understanding of the many daily activities and events that involve random processes and statistics.

Combining the mathematics of probability with real-world examples, *Probably Not* is an ideal reference for practitioners and students who would like to learn more about the role of probability and statistics in everyday decision making.

Probably Not: Future Prediction Using Probability and Statistical Inference By Lawrence N. Dworsky
Bibliography

- Sales Rank: #1916002 in Books
- Published on: 2008-04-18
- Original language: English
- Number of items: 1
- Dimensions: 9.30" h x .68" w x 6.20" l, 1.06 pounds
- Binding: Paperback
- 328 pages

 [Download Probably Not: Future Prediction Using Probability ...pdf](#)

 [Read Online Probably Not: Future Prediction Using Probabilit ...pdf](#)

Download and Read Free Online Probably Not: Future Prediction Using Probability and Statistical Inference By Lawrence N. Dworsky

Editorial Review

Review

"The book is a very good tool for students and specialists in different areas who do not like advanced statistics, but are obliged to understand, at least partly, the process of decision making." (*International Statistical Review*, December 2008)

"The fact that Dworsky uses examples from many fields, and discusses topics not usually covered in beginning course, may also increase student interest in pursuing statistics at a more advanced level." (*MAA Reviews*, July 2008)

From the Back Cover

An engaging, entertaining, and informative introduction to probability and prediction in our everyday lives

Although *Probably Not* deals with probability and statistics, it is not heavily mathematical and is not filled with complex derivations, proofs, and theoretical problem sets. This book unveils the world of statistics through questions such as what is known based upon the information at hand and what can be expected to happen. While learning essential concepts including "the confidence factor" and "random walks," readers will be entertained and intrigued as they move from chapter to chapter. Moreover, the author provides a foundation of basic principles to guide decision making in almost all facets of life including playing games, developing winning business strategies, and managing personal finances.

Much of the book is organized around easy-to-follow examples that address common, everyday issues such as:

- How travel time is affected by congestion, driving speed, and traffic lights
- Why different gambling casino strategies ultimately offer players no advantage
- How to estimate how many different birds of one species are seen on a walk through the woods

Seemingly random events—coin flip games, the Central Limit Theorem, binomial distributions and Poisson distributions, Parrando's Paradox, and Benford's Law—are addressed and treated through key concepts and methods in probability. In addition, fun-to-solve problems including "the shared birthday" and "the prize behind door number one, two, or three" are found throughout the book, which allow readers to test and practice their new probability skills. Requiring little background knowledge of mathematics, readers will gain a greater understanding of the many daily activities and events that involve random processes and statistics.

Combining the mathematics of probability with real-world examples, *Probably Not* is an ideal reference for practitioners and students who would like to learn more about the role of probability and statistics in everyday decision making.

About the Author

Lawrence N. Dworsky, PhD, is a former corporate research lab director at Motorola, Inc., where he was also

a member of the Science Advisory Board. He has also served as a consultant to the Defense Advanced Research Projects Agency (DARPA), Littelfuse Corp., and HRL Laboratories, LLC. A Fellow of the Institute of Electrical and Electronic Engineers, Dr. Dworsky has held academic positions at Columbia University, Northern Illinois University, and Florida Atlantic University.

Users Review

From reader reviews:

Richard Bentley:

Reading a reserve tends to be new life style on this era globalization. With examining you can get a lot of information which will give you benefit in your life. With book everyone in this world may share their idea. Ebooks can also inspire a lot of people. A great deal of author can inspire their particular reader with their story as well as their experience. Not only the storyplot that share in the publications. But also they write about the knowledge about something that you need example of this. How to get the good score toefl, or how to teach children, there are many kinds of book that you can get now. The authors on this planet always try to improve their expertise in writing, they also doing some investigation before they write on their book. One of them is this Probably Not: Future Prediction Using Probability and Statistical Inference.

Elizabeth Cornelius:

Playing with family within a park, coming to see the water world or hanging out with pals is thing that usually you will have done when you have spare time, subsequently why you don't try point that really opposite from that. One activity that make you not sense tired but still relaxing, trilling like on roller coaster you already been ride on and with addition of information. Even you love Probably Not: Future Prediction Using Probability and Statistical Inference, it is possible to enjoy both. It is great combination right, you still desire to miss it? What kind of hangout type is it? Oh come on its mind hangout guys. What? Still don't obtain it, oh come on its named reading friends.

Dana Richardson:

Do you have something that you enjoy such as book? The publication lovers usually prefer to select book like comic, brief story and the biggest you are novel. Now, why not striving Probably Not: Future Prediction Using Probability and Statistical Inference that give your satisfaction preference will be satisfied simply by reading this book. Reading practice all over the world can be said as the opportunity for people to know world far better then how they react to the world. It can't be said constantly that reading habit only for the geeky particular person but for all of you who wants to become success person. So , for all of you who want to start reading as your good habit, you could pick Probably Not: Future Prediction Using Probability and Statistical Inference become your current starter.

Anita Rodriguez:

In this particular era which is the greater man or who has ability in doing something more are more important than other. Do you want to become certainly one of it? It is just simple solution to have that. What you must

do is just spending your time not very much but quite enough to enjoy a look at some books. On the list of books in the top list in your reading list is definitely Probably Not: Future Prediction Using Probability and Statistical Inference. This book which can be qualified as The Hungry Slopes can get you closer in becoming precious person. By looking up and review this publication you can get many advantages.

**Download and Read Online Probably Not: Future Prediction Using
Probability and Statistical Inference By Lawrence N. Dworsky
#WRYO6ZU2IPL**

Read Probably Not: Future Prediction Using Probability and Statistical Inference By Lawrence N. Dworsky for online ebook

Probably Not: Future Prediction Using Probability and Statistical Inference By Lawrence N. Dworsky Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read Probably Not: Future Prediction Using Probability and Statistical Inference By Lawrence N. Dworsky books to read online.

Online Probably Not: Future Prediction Using Probability and Statistical Inference By Lawrence N. Dworsky ebook PDF download

Probably Not: Future Prediction Using Probability and Statistical Inference By Lawrence N. Dworsky Doc

Probably Not: Future Prediction Using Probability and Statistical Inference By Lawrence N. Dworsky Mobipocket

Probably Not: Future Prediction Using Probability and Statistical Inference By Lawrence N. Dworsky EPub

WRYO6ZU2IPL: Probably Not: Future Prediction Using Probability and Statistical Inference By Lawrence N. Dworsky