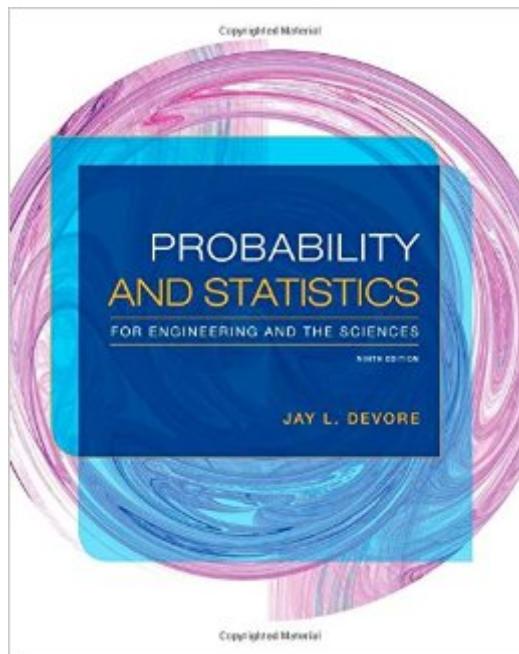


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# Probability And Statistics For Engineering And The Sciences



## **Synopsis**

Put statistical theories into practice with PROBABILITY AND STATISTICS FOR ENGINEERING AND THE SCIENCES, 9th Edition. Always a favorite with statistics students, this calculus-based text offers a comprehensive introduction to probability and statistics while demonstrating how professionals apply concepts, models, and methodologies in today's engineering and scientific careers. Jay Devore, an award-winning professor and internationally recognized author and statistician, emphasizes authentic problem scenarios in a multitude of examples and exercises, many of which involve real data, to show how statistics makes sense of the world. Mathematical development and derivations are kept to a minimum. The book also includes output, graphics, and screen shots from various statistical software packages to give you a solid perspective of statistics in action. A Student Solutions Manual, which includes worked-out solutions to almost all the odd-numbered exercises in the book, is available.

## **Book Information**

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## **Customer Reviews**

Does a pretty good job of teaching statistics. Not too wordy, often explains the concepts pretty well, and the chapter examples often match the exercises. However, like most math books it often does not teach enough of the material to handle all of the exercises in a chapter. As math books go, it's pretty good, just not great. So I have to give it only 4 stars.

I was assigned an earlier edition of this book as an engineering statistics textbook in 1984. I used it in my profession as my go-to statistics reference until it was dog-eared and spine-broken, then I

bought the 5th edition, which is now likewise nearing the end of its functional life, so soon I'll buy another. It has satisfied almost every single question I have run into regarding stats with simple, easy to understand instructions and theory and good examples. I can't recommend it highly enough as a professional reference book. I wasn't particularly wowed by it as a student, but that is because I didn't know any better at the time.

I am certain this book was not meant for engineering students. Everything in this book is written as if the reader already has mastered statistics and probability. There is little to no explanation on any of the topics, and I've encountered a number of end-of-unit questions that have no corresponding lesson or example. I have never felt this confused in my life! If you're stuck with a class that requires this book: 1) Your instructor has probably been paid kickbacks by the publisher. 2) Your instructor likely doesn't care if you understand the material, or if you even pass the class. 3) Your instructor probably doesn't do very favorably on ratemyprofessor.com. If you're in an online class that requires this book: 1) Consider changing your major. Khan Academy will save you hours of frustration when you're trying to complete homework and study for exams. This has been the only thing that has even remotely helped me through the first 3 chapters.

This is a big book covering many topics like Probability, distributions, ANOVA and correlation. There are quite a few problems to solve that will help you strengthen your learning. But this book lacks explaining the concept. The author directly dives into the formula and its usage. Detailing how to intuitively think about say, regression, will make this book really worthwhile.

Small marks in the book, but nothing torn. So, it's fine.

Amazing book, amazing class.

Good book, lots of good information and is well written.

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