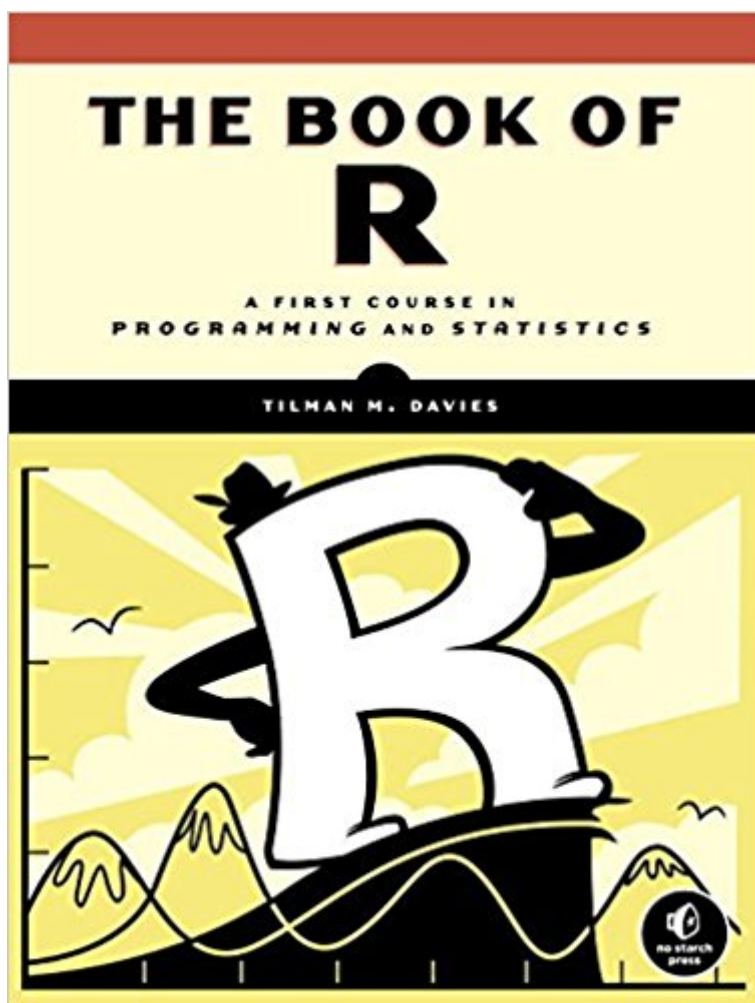The book was found

The Book Of R: A First Course In Programming And Statistics

Synopsis

The Book of R is a comprehensive, beginner-friendly guide to R, the worldâ ™s most popular programming language for statistical analysis. Even if you have no programming experience and little more than a grounding in the basics of mathematics, youâ ™ll find everything you need to begin using R effectively for statistical analysis.Youâ ™ll start with the basics, like how to handle data and write simple programs, before moving on to more advanced topics, like producing statistical summaries of your data and performing statistical tests and modeling. Youâ ™ll even learn how to create impressive data visualizations with Râ ™s basic graphics tools and contributed packages, like ggplot2 and ggvis, as well as interactive 3D visualizations using the rgl package.Dozens of hands-on exercises (with downloadable solutions) take you from theory to practice, as you learn:â "The fundamentals of programming in R, including how to write data frames, create functions, and use variables, statements, and loopsâ "Statistical concepts like exploratory data analysis, probabilities, hypothesis tests, and regression modeling, and how to execute them in Râ "How to access Râ ™s thousands of functions, libraries, and data setsâ "How to draw valid and useful conclusions from your dataâ "How to create publication-quality graphics of your resultsCombining detailed explanations with real-world examples and exercises, this book will provide you with a solid understanding of both statistics and the depth of Râ ™s functionality. Make The Book of R your doorway into the growing world of data analysis.

Book Information

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Customer Reviews

Tilman M. Davies is a senior lecturer at the University of Otago in New Zealand, where he teaches statistics and R at all university levels. He has been programming in R for 10 years and uses it in all of his courses.

I almost never write reviews, but feel compelled to in the case of this gem of a textbook.Quick about me:-solid general computer skills (e.g. Excel), but NO programming background-took statistics in high school, barely passed calculus in college-was inspired to learn R after seeing a colleague use it for data analysis-have been disappointed by R texts that I've encountered thus far, finding them either too advanced or poorly organized/writtenWhy I am giving this book 5 stars:-it is structured very logically, starting with the basics of the language before moving onto programming, statistics, and more advanced concepts-it is accessible to a wide audience, yet goes into the necessary level of detail-it is well written, in an easy, clear voice-an appropriate balance of text vs code examples and graphics-it has effective exercises at logical points to ensure the reader not only understands, but can execute the concepts learned-it is aesthetically very nice -- the spine doesn't crack, the book doesn't warp over time, the font and text size are very readableAs a sidenote, I ordered R for Dummies as well. I didn't give it an especially thorough glance, but quickly flipped through it and decided to return it because I knew on first glance that The Book of R was far superior.

This wasn't the book for my needs, but it is still an excellent book on R. I'm not a super user of statistical software and I was hoping to use R for checking for normalized data and maybe running a standard deviation. And since tableau can pass scripts through to R, I thought it was time to learn it. I was hoping for a quick "go-to" book to look up just the information I needed, but this is a full, step by step course to learning everything about R.It is well written and has a great combination of learning and practice sessions. If I was inclined to teach myself everything about R, this would be the way to go. The author has a fun way of explaining statistics and program language that makes it a bit more fun to read and he brings some creative names into examples. I didn't realize it was such a hefty book, it's the size of a full text book.So even though this wasn't exactly what I was looking for, it will likely be exactly what 90% of readers are looking for. If you want to learn all the ins and outs of R, this is the book to purchase.

This book is good for beginners as it covers a lot of materialin a simple way.You will need a more advanced book to go further on any onesubject.

Excelent book! It has everything one needs to learn R language and basics of statistics . Very good for students and young specialist in all areas of data analysis.

Very informative. I like the style that it is written in. A tutorial style. Which is a lot better than giving the theory, and examples and not connecting the dots together. This book does just that.

Good way to learn R

Excellent book

Great book love everything about it. I am hoping they come up with R with multivariate statistics.

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