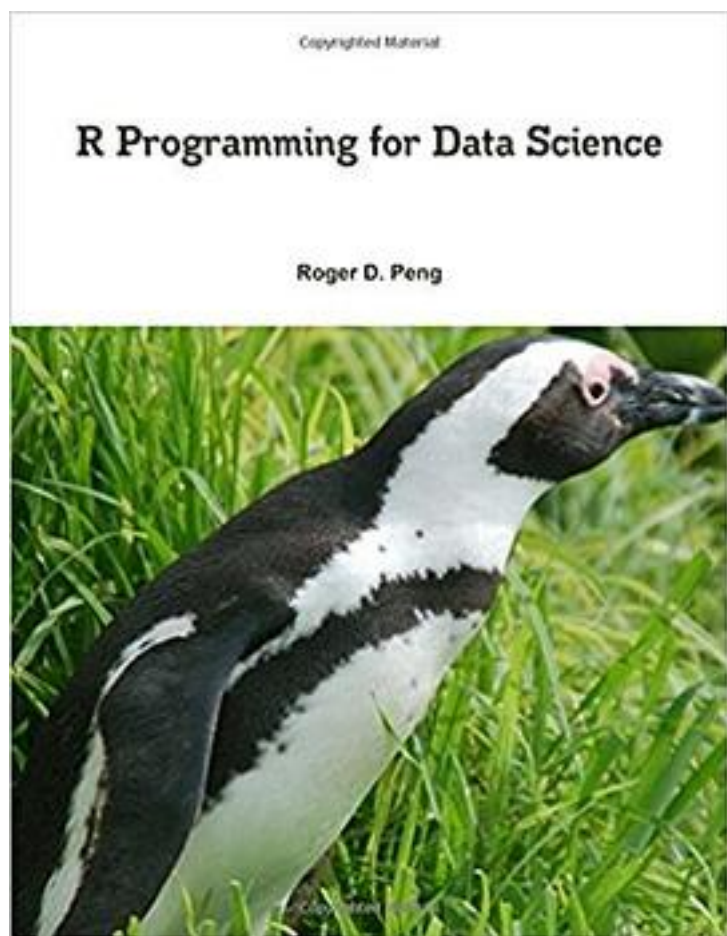


R Programming for Data Science



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Data science has taken the world by storm. Every field of study and area of business has been affected as people increasingly realize the value of the incredible quantities of data being generated. But to extract value from those data, one needs to be trained

in the proper data science skills. The R programming language has become the de facto programming language for data science. Its flexibility, power, sophistication, and expressiveness have made it an invaluable tool for data scientists around the world. This book is about the fundamentals of R programming. You will get started with the basics of the language, learn how to manipulate datasets, how to write functions, and how to debug and optimize code. With the fundamentals provided in this book, you will have a solid foundation on which to build your data science toolbox.

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Postdoctoral Fellow, Biostatistics, Johns Hopkins Bloomberg School of Public Health, 2003–2005

Ph.D. Statistics, University of California, Los Angeles, 2003

M.S. Statistics, University of California, Los Angeles, 2001

B.S. Applied Mathematics, Yale University, 1999

Experience

Department of Biostatistics, Johns Hopkins Bloomberg School of Public Health

Professor, 2016–present

Associate Professor, 2010–2016

Assistant Professor, 2005–2010

Director, Training Program in Environmental Biostatistics, 2012–2015

Co-Director, Data Management and Statistics Core, Johns Hopkins Children's Center for Asthma in the Urban Environment, 2010–present

Director, Data Management Core, Johns Hopkins Particulate Matter Research Center, 2008–2010

Department of Statistics, UCLA

Graduate Student Researcher, 2000–2003

Logicon INRI/Northrop Grumman

Software Engineer — UnderSea Warfare Systems and Cartography, 1998 (summer)

KenCast, Inc.

Software Engineer, 1997, 1999 (summer)

Honors and Awards

APHA Mortimer Spiegelman Award, 2016

NIH R21: Extreme heat and health: Characterizing vulnerability in a changing climate (2011–2013)

NIH R01: Statistical methods for complex environmental health data (2011–2015)

Lead author of NIEHS Extramural Paper of the Month, July 2008

Second author of NIEHS Extramural Paper of the Month, December 2007

Lead author of #1 most cited paper in the Journal of the Royal Statistical Society, Series A for 2006–2007

Faculty Innovation Fund Award, JHSPH, 2006

UCLA Charles E. and Sue K. Young Graduate Student Award, 2003

UCLA Dissertation Year Fellowship, 2002

Winner, ASA Student Paper Competition in Statistical Computing and Graphics, 2002

Teaching Assistant of the Year, UCLA Department of Statistics, 2000

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标签

R

计算机

美国

编程

机器学习

人智

calibre

Programming

评论

Basic knowledge about R, but need more.

这书跟着coursera上roger peng的课一起看会比较好，讲的比较浅但是蛮适合初学者快速上手的。入门之后可以再有针对性地看其他的参考书。

读的第一本R语言的书 每一部分都是浅尝辄止 原理讲得不透 好处是篇幅短 读得快

这书真没啥营养，好好把R相关的中文版的看完就知道：这本书完全是重复，毫无新意，而且书名字写的是for data science，但是通篇没有多少与data science有关的，全是重复别的书上的基础内容

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书评

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