

Advanced R: Data Programming and the Cloud

This in-depth advanced guide shows you how to program for data analysis using the popular R language and how with some practical skills, you can make your work more efficient by writing functions or packages, and how to automate running code and the creation of reports to share your results.

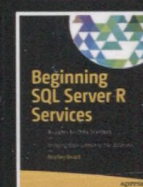
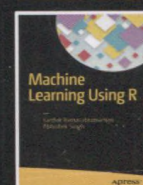
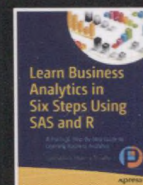
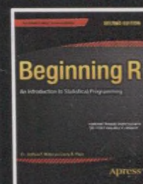
This book is not designed to teach advanced R programming nor to teach the theory behind statistical procedures. Rather, this is designed to be a practical guide moving beyond merely using R to programming in R to automate tasks.

This book will also show how to do data manipulation in modern R structures and includes connecting R to databases such as SQLite, PostgreSQL, and MongoDB.

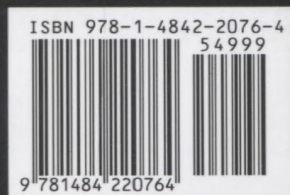
The book closes with a hands-on section to get R running in the cloud. Each chapter also includes a detailed bibliography with references to research articles and other resources that cover relevant conceptual and theoretical topics.

- How to write and document R functions
- How to make an R package and share it via GitHub or privately
- How to add tests to R code to ensure it works as intended
- How to add automatic package building with GitHub
- How to have R talk directly to databases and do complex data management
- How to run R in the Amazon cloud
- How to generate presentation-ready tables and reports using R

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US \$49.99



Shelve in:
Programming Languages/General

User level:
Intermediate–Advanced

SOURCE CODE ONLINE

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