



The Essential R Reference

By Mark Gardener



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An essential library of basic commands you can copy and paste into R

The powerful and open-source statistical programming language R is rapidly growing in popularity, but it requires that you type in commands at the keyboard rather than use a mouse, so you have to learn the language of R. But there is a shortcut, and that's where this unique book comes in. A companion book to *Visualize This: The FlowingData Guide to Design, Visualization, and Statistics*, this practical reference is a library of basic R commands that you can copy and paste into R to perform many types of statistical analyses.

Whether you're in technology, science, medicine, business, or engineering, you can quickly turn to your topic in this handy book and find the commands you need.

- Comprehensive command reference for the R programming language and a companion book to *Visualize This: The FlowingData Guide to Design, Visualization, and Statistics*
- Combines elements of a dictionary, glossary, and thesaurus for the R language
- Provides easy accessibility to the commands you need, by topic, which you can cut and paste into R as needed
- Covers getting, saving, examining, and manipulating data; statistical test and math; and all the things you can do with graphs
- Also includes a collection of utilities that you'll find useful

Simplify the complex statistical R programming language with *The Essential R Reference*.

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Editorial Review

From the Back Cover

Here's the ultimate dictionary, glossary, and thesaurus for the R language

The cross-platform, open source language R provides powerful tools for data analysis and reporting, but its complexities can be a bit daunting. To use the built-in help system, you must know the command names — the vocabulary and grammar of R. This book contains more than 400 command names arranged by topic, with plenty of examples, related commands, and cross-references. It's the quintessential resource for R beginners and veterans alike.

You will find:

- Commands grouped by theme, letting you search for one based on the task you wish to accomplish
- Explanations showing what each command does
- Commonly used parameters for each command
- Examples and related commands
- Cross-references for command names with multiple applications
- Example datasets on the companion website

About the Author

Dr. Mark Gardener is an ecologist, lecturer, and writer who discovered R while doing data analysis for his doctorate in ecology and evolutionary biology. He conducts courses in R, ecology, and data analysis for a variety of organizations. Mark is also the author of *Beginning R: The Statistical Programming Language*, a Wrox book published by Wiley.

Users Review

From reader reviews:

Brian Alexander:

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