

## Free Resources

### Interactive R learning

- [Try R](#) - An interactive web-based R tutorial
- [Datamind](#) - Learn R data analysis interactively
- [RPubs](#) - Easy web publishing from R
- [Swirl](#) - R-package to learn R interactively
- [Coursera](#) - Learn how to use R for effective data analysis
- [DataCamp](#) - Master the basics of R
- [edX](#) - Basic Statistics and R (basic course, not just for life sciences)
- [edX](#) - Introduction to R Programming

### Free books on R:

- [The R Inferno](#) (PDF) by Patrick Burns
- [A Little Book of R for Biomedical Statistics](#) (PDF) by Avril Coghlan

## Contributed Documentation

[English](#) --- [Other Languages](#)

Manuals, tutorials, etc. provided by users of R. The R core team does not take any responsibility for contents, but we appreciate the effort very much and encourage everybody to contribute to this list! To submit, follow the submission instructions on the [CRAN main page](#). All material below is available directly from CRAN, you may also want to look at the list of [other R documentation](#) available on the Internet.

**Note:** Please use the [directory listing](#) to sort by name, size or date (e.g., to see which documents have been updated lately).

### English Documents

Documents with more than 100 pages:

- **“Using R for Data Analysis and Graphics - Introduction, Examples and Commentary”** by John Maindonald ([PDF](#), data sets and scripts are available at [JM's homepage](#)).
- **“Practical Regression and Anova using R”** by Julian Faraway ([PDF](#), data sets and scripts are available at the [book homepage](#)).
- The [Web Appendix](#) to the book “An R Companion to Applied Regression” (second edition) by John Fox and Sanford Weisberg contains information about R to fit a variety of regression models.
- **“An Introduction to S and the Hmisc and Design Libraries”** by Carlos Alzola and Frank E. Harrell, especially of interest to SAS users, users of the Hmisc or Design packages, or R users interested in data manipulation, recoding, etc. ([PDF](#))