

R Statistics Essential Training

Links to Additional Information

Books

- *An Introduction to R* by The R Core Team:
<http://cran.r-project.org/doc/manuals/R-intro.html>
- *The R Book* by Michael J. Crawley
- *Statistics: An Introduction Using R* by Michael J. Crawley
- *R in a Nutshell: A Desktop Quick Reference (2e)* by Joseph Adler
- *R Cookbook* by Paul Teetor
- *R Graphics Cookbook* by Winston Chang
- *ggplot2: Elegant Graphics for Data Analysis* by Hadley Wickham
- *Lattice: Multivariate Data Visualization with R* by Deepayan Sarkar
- *Learning RStudio for R Statistical Computing* by Mark van der Loo and Edwin de Jonge
- *Getting Started with RStudio* by John Verzani
- See very long list at <http://www.r-project.org/doc/bib/R-books.html>

Websites

- <http://www.r-project.org/>
- *The R Journal* is the open access, refereed journal of the R project for statistical computing, at <http://journal.r-project.org/>
- *R-bloggers: news and tutorials about R, contributed by over 400 bloggers*, at <http://www.r-bloggers.com/> (200-300 posts per month)
- *Rseek.org* by Sasha Goodman, at <http://rseek.org/>
- Stack Overflow has great discussions on R, <http://stackoverflow.com/questions/tagged/r>
- Wikibooks: R Programming Wikibook at http://en.wikibooks.org/wiki/R_Programming
- Quick-R: <http://www.statmethods.net/>
- ggplot2 web page by Hadley Wickham: <http://ggplot2.org/>

Software

- “ggplot2” package: <http://cran.r-project.org/web/packages/ggplot2/index.html>
- “lattice” package: <http://cran.r-project.org/web/packages/lattice/index.html>
- “shiny” package: <http://cran.r-project.org/web/packages/shiny/index.html> or <http://www.rstudio.com/shiny/>
- Rcpp by Dirk Eddelbuettel and Romain Francois,
<http://dirk.eddelbuettel.com/code/rcpp.html>
 - Tutorial by Hadley Wickham, at <https://github.com/hadley/devtools/wiki/Rcpp>