Useful R Links

1   Useful Webpages

Webpage	Description	URL
CRAN	The R homepage, get information about R and download it	https://www.r-project.org
Metacran	Search and browse all CRAN/R packages. Get useful meta statistics about each package	https://www.r-pkg.org
R Seek	A google search engine specific for R	https://rseek.org
R-bloggers	A compendium of R blog posts	https://www.r-bloggers.com

2   Useful Blog Posts

Blog Title	Description	URL
How R Searches and Finds Stuff	A fantastic explanation of how R's environments work	http://blog.obeautifulcode.com/R/How-R-Searches-And-Finds-Stuff/
Rbitrary Standards	An explanation of R's many quirks	https://ironholds.org/projects/rbitrary/

3   Good Packages

Package	Description	URL
The tidyverse	The tidyverse is an opinionated collection of R packages designed for data science. All packages share an underlying design philosophy, grammar, and data structures.	https://www.tidyverse.org
Rmarkdown	R Markdown provides an authoring framework for data science.	https://rmarkdown.rstudio.com
shiny	Shiny is an R package that makes it easy to build interactive web apps straight from R.	https://shiny.rstudio.com
devtools	Painless package development for R	https://www.rstudio.com/products/rpackages/devtools/
testthat	Unit testing in R	https://github.com/r-lib/testthat

4   Free Online Books

Book Title	Description	URL
Advanced R	The book is designed primarily for R users who want to improve their programming skills and understanding of the language. It should also be useful for programmers coming to R from other languages, as it explains some of R's quirks and shows how some parts that seem horrible do have a positive side.	http://adv-r.had.co.nz
Cookbook for R	The goal of the cookbook is to provide solutions to common tasks and problems in analyzing data.	http://www.cookbook-r.com
Efficient R Programming	Efficient R Programming is about increasing the amount of work you can do with R in a given amount of time.	https://csgillespie.github.io/efficientR/
Plotly	Plotly's R graphing library makes interactive, publication-quality graphs online.	https://plotly-book.cpsievert.me
R for Data Science	This book will teach you how to do data science with R: You'll learn how to get your data into R, get it into the most useful structure, transform it, visualise it and model it.	https://r4ds.had.co.nz
R Packages	Packages are the fundamental units of reproducible R code. They include reusable R functions, the documentation that describes how to use them, and sample data. In this book you'll learn how to turn your code into packages that others can easily download and use.	http://r-pkgs.had.co.nz
Text Mining with R	This book serves as an introduction of text mining using the tidytext package and other tidy tools in R.	https://www.tidytextmining.com/index.html
The caret Package	The caret package is a set of functions that attempt to streamline the process for creating predictive models.	http://topepo.github.io/caret/index.html