

R Links

Mehmet Tevfik DORAK

<http://www.dorak.info/r>

R Documentation (Packages & Functions): <https://www.rdocumentation.org>

Base R Datasets: <https://www.rdocumentation.org/packages/datasets/versions/3.5.1>

Base R Cheat Sheet: <http://github.com/rstudio/cheatsheets/raw/master/base-r.pdf> (Advanced R)

R Reference Card: <https://cran.r-project.org/doc/contrib/Short-refcard.pdf>

R Reference Card v.2: <https://cran.r-project.org/doc/contrib/Baggott-refcard-v2.pdf>

Quick-R: <http://www.statmethods.net>

Cookbook for R: <http://www.cookbook-r.com>

How To In R: <http://howtoinr.weebly.com>

One Page R: <http://onepager.togaware.com> (Book: [The Essentials of Data Science with R](#))

IDRE Guide to R (UCLA): <http://www.ats.ucla.edu/stat/r>

Data Science Live Book: <http://livebook.datascienceheroes.com>

Computer World- Learn R for Beginners:

<https://www.computerworld.com/article/2884322/application-development/learn-r-programming-basics-with-our-pdf.html>

Computer World- Beginner's Guide to R:

<https://www.computerworld.com/article/2497143/business-intelligence/business-intelligence-beginner-s-guide-to-r-introduction.html>

Computer World- Advanced Beginner's Guide to R:

<https://www.computerworld.com/resources/106345/advanced-beginners-guide-to-r.html>

Bitesize: 10 Favorite R Packages and the Cool Things You Can Do with Them

<http://bitesizebio.com/23003/my-10-favorite-r-packages-and-the-cool-things-you-can-do-with-them>

Bitesize: Using R for Statistical Tests

<https://bitesizebio.com/21422/r-you-ready-using-r-for-statistical-tests>

R-Bloggers: <https://www.r-bloggers.com>

R Views (by R Studio): <https://rviews.rstudio.com>

Revolutions (R Blogs): <http://blog.revolutionanalytics.com>

Dave Tang's Blog: <http://davetang.org/muse/r>

Data Perspectives (R Blogs): <http://www.dataperspective.info>

The Yhat Blog (R & Python blogs): <http://blog.yhat.com>

Sharp Sight Labs (Data Science with R): <http://sharpsightlabs.com>

R Exercises: <https://www.r-exercises.com>

How to Learn R (R-Bloggers & Data Camp road map): <https://www.r-bloggers.com/how-to-learn-r-2>

Data School (Data Science for Beginners): <http://www.dataschool.io> >>>

<http://www.dataschool.io/resources>

Getting Started with R (Data Perspective):

<http://www.dataperspective.info/2017/12/getting-started-with-r.html>

The 5 Most Effective Ways to Learn R:

<https://blog.datazar.com/the-5-most-effective-ways-to-learn-r-d4cfd0d524>

How to Learn R: http://www.business-science.io/learning-r/2018/03/03/how_to_learn_R_pt1.html
(Part 1: Learn from a Master Data Scientist's Code & Part 2: Learning from DRob's Code)

Data Academy:

<https://www.datacamp.com>

Data Science Crash Course with R (SharpSight):

http://sharpsightlabs.com/wp-content/uploads/2016/12/data-science-crash-course_SharpSight.pdf

Saved as Data Science Crash Course with R_SharpSight.pdf

Free Data Science Courses:

<http://datascienceacademy.com/free-data-science-courses>

An R tutorial for Microsoft Excel users:

<http://blog.revolutionanalytics.com/2015/02/an-r-tutorial-for-microsoft-excel-users.html>

R for Excel Users (including "joining two tables"):

<http://blog.yhat.com/posts/R-for-excel-users.html>

The difference between R and Excel:

<http://blog.revolutionanalytics.com/2017/02/the-difference-between-r-and-excel.html>

Get data out of Excel and into R with readxl:

<https://blog.rstudio.com/2015/04/15/readxl-0-1-0/>

Importing an Excel Workbook into R

http://perfdynamics.blogspot.com/2014/06/importing-excel-workbook-into-r_5.html

<http://www.sthda.com/english/wiki/reading-data-from-excel-files-xls-xlsx-into-r>

<https://www.statmethods.net/input/importingdata.html>

<https://www.r-bloggers.com/using-excel-for-data-entry/amp>

<https://www.displayr.com/how-to-read-an-excel-file-into-r>

Handling Strings with R (online book):

<http://www.gastonsanchez.com/r4strings>

Web data acquisition:

Part 1: <http://r-posts.com/web-data-acquisition-understanding-rcurl-from-the-command-line-part-1>

Part 2: <http://r-posts.com/web-data-acquisition-the-structure-of-rcurl-request-part-2>

Part 3: <http://r-posts.com/web-data-acquisition-parsing-json-objects-with-tidyjson-part-3>

Importing Data into R:

Part 1: <https://thepracticalr.wordpress.com/2016/09/23/importing-data-into-r>

Part 2: <https://thepracticalr.wordpress.com/2017/01/31/importing-data-into-r-part-ii>

Two minutes video tutorials: <http://www.twotutorials.com>

R Graph Catalog (with scripts):

<http://shinyapps.stat.ubc.ca/r-graph-catalog> (see [here](#))

Data Science video tutorials @ Lynda.com: <http://www.lynda.com/Big-Data-training-tutorials/2061-0.html>

Up and Running with R @ Lynda.com: <http://www.lynda.com/R-tutorials/Up-Running-R/120612-2.html>

A two-hour introduction to data analysis in R @ Citizen Statistician: <http://citizen-statistician.org/category/computation/r-project>

The useR! 2016 Tutorials:

Part 1: <http://blog.revolutionanalytics.com/2016/06/the-user-2016-tutorials.html>

Part 2: <http://blog.revolutionanalytics.com/2016/07/user-2016-tutorials-part-2-.html>

Introduction to R online course:

[UC Business Analytics R Programming Guide](http://uc-r.github.io/introduction)

<http://uc-r.github.io/introduction> (click on the menu on top left)

tidyverse (a collection of data science packages): <https://www.tidyverse.org> (Book: [R for Data Science](#))

Live online books:

- R in Action (live online book): <https://livebook.manning.com/#!/book/r-in-action-second-edition/about-this-book>
- Practical Data Science with R (live online book): <https://livebook.manning.com/#!/book/practical-data-science-with-r>
- R for Data Science (live online book): <https://r4ds.had.co.nz>
- Learn R (Online R Books): <http://ucanalytics.com/blogs/learn-r-12-books-and-online-resources>

DataCamp Tutorials:

Introduction to Statistics with R:

<https://www.datacamp.com/community/blog/intro-to-statistics-with-r-series>

Data Visualisation in R:

<https://www.datacamp.com/courses/data-visualization-in-r>

R Data Import:

Part I: <http://blog.datacamp.com/r-data-import-tutorial>

Part II: <http://blog.datacamp.com/importing-data-r-part-two>

R Loops: <http://blog.datacamp.com/tutorial-on-loops-in-r>

Interactive Plotly R Tutorial (the Plotly package is one of the best R tools to create beautiful, interactive data visualizations): <https://www.datacamp.com/community/blog/a-free-interactive-plotly-r-tutorial>

DataCamp Cheat Sheets (R): <https://www.datacamp.com/community/data-science-cheatsheets?tag=r-programming>

R-Studio Cheat Sheets: <https://www.rstudio.com/resources/cheatsheets>

ggplot2 Cheat Sheet: <https://www.rstudio.com/wp-content/uploads/2015/03/ggplot2-cheatsheet.pdf>

Software Carpentry: <http://software-carpentry.org/lessons>

DataScience+ (Learn R Programming for Data Science): <http://datascienceplus.com>

DataScienceMadeSimple (Learn R): <http://www.datasciencemadesimple.com/learn-r-what-is-r>

Udemy Basic R Course (incl ggplot & Free): <https://www.udemy.com/machlearn1>

DataSciencePlus online course (Learn R by Intensive Training):

<http://datascienceplus.com/learn-r-by-intensive-practice> &
<http://datascienceplus.com/learn-r-by-intensive-practice-part-2>

- [01. Install R and RStudio 04:24](#)
- [02. R and RStudio Interface 12:21](#)
- [03. Do Basic Math with R 04:37](#)
- [04. Datatypes 08:51](#)
- [05. Vectors 06:00](#)
- [06. Setup working directory and miscellaneous topics 07:38](#)
- [07. Special vector sequences 06:17](#)
- [08. Practice Exercise 1 01:36](#)
- [09. Random Numbers 04:45](#)
- [10. Missing values and attributes 09:53](#)
- [11. Get specific items using the which function 03:52](#)
- [12. Converting one variable type to another 05:48](#)
- [13. Lists 04:38](#)
- [14. Set operations 04:37](#)
- [15. Random Sampling 13:00](#)
- [16. Special Ways To Check conditions 09:16](#)
- [17. How to break out of for-loop and skip iterations 06:45](#)
- [18. Introduction to Dataframes 06:00](#)
- [19. Dataframes - summary, str, subsetting, transpose 06:20](#)
- [20. Dataframes - which\(\), order\(\), rev\(\), attach\(\) 06:29](#)
- [21. Practice Exercise 2 10:53](#)
- [22. Practice Exercise 3 03:40](#)

Advanced R (companion to the book): <http://adv-r.had.co.nz> (book)

R Programming Notes: <http://mathewanalytics.com/2016/02/17/r-programming-notes-3>

Microsoft R Client on Windows: <https://msdn.microsoft.com/en-us/microsoft-r/install-r-client-windows>

Display of Geographic Data in R: <http://patilv.com/introtomapping>

O'Reilly Video Course: Learning Machine Learning with Azure ML and R:

<https://player.oreilly.com/videos/9781771373845> (saved as Machine Learning with Azure ML and R.MP4)

Writing better R functions:

<https://ibecav.github.io/betterfunctions>

<https://ibecav.github.io/betterfunctions2>

<https://ibecav.github.io/betterfunctions3>

<https://ibecav.github.io/betterfunctions4>

R Tips and Tricks:

<https://www.zoology.ubc.ca/~schluter/R>

<http://www.dataanalytics.org.uk/Data%20Analysis/tips%20and%20tricks.htm#RTip>

<http://data-laborer.eu/r/Tips-and-tricks>

<http://www.science.smith.edu/~amcnamara/sds291/Rtips.html>

<https://rviews.rstudio.com/categories/tips-and-tricks>

<https://paulvanderlaken.com/2018/05/21/r-tips-and-tricks>

<https://www.stat.wisc.edu/network-skills/learnR>

<https://www.r-graph-gallery.com/portfolio/ggplot2-package> (ggplot2 tips)

http://dept.stat.lsa.umich.edu/~kshedden/Courses/Stat506/r_common_errors

R Tips and Tricks: <https://eranraviv.com/category/blog/r>

The R Inferno (Burns Statistics): https://www.burns-stat.com/pages/Tutor/R_inferno.pdf

Impatient R (Burns Statistics): <https://www.burns-stat.com/documents/tutorials/impatient-r>

More R Errors (Burns Statistics): <https://www.burns-stat.com/documents/tutorials/impatient-r/more-r-errors-and-such>

10 tips for making your R graphics look their best: <https://blog.revolutionanalytics.com/2009/01/10-tips-for-making-your-r-graphics-look-their-best.html>

<http://onetipperday.sterding.com/> (One Tip Per Day)

How to Teach R- **Common mistakes**: <https://rviews.rstudio.com/2017/02/22/how-to-teach-r-common-mistakes>

R: Frequently Asked Questions:

<https://cran.r-project.org/doc/FAQ/R-FAQ.html>