Open Data Science:

R for Data Science by Hadley Wickham and Garrett Grollemunn
(Chapter 19 : Functions)
https://r4ds.had.co.nz/functions.html

Stat545: as taught by Jenny Bryan
https://stat545.com/

Allison Horst's ESM206 Labs
https://github.com/allisonhorst/esm-206-labs-2019

R Packages by Hadley Wickham and Jenny Bryan
https://r-pkgs.org/index.html

Using Git with R by Jenny Bryan
https://happygitwithr.com/index.html

Using Git with RStudio by Jenny Bryan
https://jennybc.github.io/2014-05-12-ubc/ubc-r/session03_git.html

RDAVIS – R for Data Analysis & Visualization in Science
https://gge-ucd.github.io/R-DAVIS/

Workflows and Best Practices for Collaborative Coding by Alexa Fredston-Herman
https://github.com/afredston/collaborations_workflows_lecture

YarR! The Pirate's Guide to R
https://bookdown.org/ndphillips/YaRrr/r-resources.html

Udemy Online Courses:
https://www.udemy.com/course/r-programming/

Teach R Online by Mine Cetinkaya Rundel:
https://mine-cetinkaya-rundel.github.io/teach-r-online/

Installing Packages from GitHub by Koji Makiyama
https://cran.r-project.org/web/packages/githubinstall/vignettes/githubinstall.html

Shiny apps:

Shiny Basics for R Ladies by Allison Horst
https://github.com/allisonhorst/shiny-basics-sb-r-ladies

Mastering Shiny by Hadley Wickham
https://mastering-shiny.org/

Building Shiny apps by Dean Attali
https://deanattali.com/blog/building-shiny-apps-tutorial/

Shiny tutorials
2.5 hour video: https://shiny.rstudio.com/tutorial/
Gallery: https://shiny.rstudio.com/gallery/
Widgets: https://shiny.rstudio.com/gallery/widget-gallery.html

Time series analyses:

A Little Book of R for Time Series
https://a-little-book-of-r-for-time-series.readthedocs.io/en/latest/

Time series workflow
https://nwfsc-timeseries.github.io/atsa-labs/sec-tslab-correlation-within-and-among-time-series.html

Auto- and Cross-covariance and correlation (acf)
https://www.rdocumentation.org/packages/stats/versions/3.1.1/topics/acf

https://stat.ethz.ch/R-manual/R-devel/library/stats/html/acf.html

Horizon plots
https://bernatgel.github.io/karyoploter_tutorial/Tutorial/PlotHorizon/PlotHorizon.html

https://flowingdata.com/2015/07/07/how-to-make-horizon-graphs-in-r/

Spatial analyses:

Spatial ecology tutorial by Jakub Nowosad
https://r-spatialecology.github.io/ialena-2020/#1

Spatial time series through animation
https://maczokni.github.io/crimemapping_textbook_bookdown/time-matters.html

Package tutorials:

vegan by An Bui
https://rpubs.com/an-bui/vegan-cheat-sheet

party CRAN pdf (random forest)
https://cran.r-project.org/web/packages/party/index.html

ranger CRAN pdf (random forest)
https://cran.r-project.org/web/packages/ranger/ranger.pdf

ggedit R-statisics blog demo
https://www.r-statistics.com/2016/11/ggedit-interactive-ggplot-aesthetic-and-theme-editor/

gt R Studio Blog ("Great Looking Tables")
https://blog.rstudio.com/2020/04/08/great-looking-tables-gt-0-2/

esquisse InfoWorld article
https://www.infoworld.com/article/3311518/do-more-with-r-drag-and-drop-ggplot.html

learnr shiny app by Allison Horst
https://allisonhorst.shinyapps.io/missingexplorer/#section-explore-na-intersections

learnr R Studio shiny tutorial
https://rstudio.github.io/learnr/#Overview

sf by Ryan Peek
https://ryanpeek.org/mapping-in-R-workshop/03_spatial_joins.html

Specific issue fixes:

Plot pie chart by calculating angles (*not using stacked bar plot in polar coordinates*) so that slice labels will plot effectively
https://stackoverflow.com/questions/16184188/ggplot-facet-piechart-placing-text-in-the-middle-of-pie-chart-slices

Plot pie chart with one segment pulled out ("explode")
https://rviews.rstudio.com/2019/09/19/intro-to-ggforce/

Add figure via Shiny to downloadable pdf report from RMarkdown
https://stackoverflow.com/questions/57332874/r-shiny-pass-user-input-text-and-uploaded-image-as-parameter-to-generate-rep