

Learn to Use R

Skill Level	Description	Project	Materials
Novice	You haven't used R and don't have it installed on your computer.	Install software and get a GitHub account	Download: Intro to RStudio and GitHub.pptx setup instructions - Mac.docx setup instructions - Windows.docx
Beginner	You have R installed on your computer, but don't really know how to use it.	Learn to use R, RStudio, and ggplot	Download: R basics - calculating and plotting.R
Some experience	You've done some basics in R and want to know how to expand its capabilities.	Learn about finding, installing, and loading packages	Grab a copy: Installing and Using R Packages.pdf
Occasional user	You use R, but have limited knowledge about importing data.	Learn about reading data from a variety of sources	Grab a copy: Reading Source Data in R.docx
Advanced	You use R for analysis and want to start making your code prettier and/or reusable.	Learn to write functions in R so your code can be encapsulated and reusable	Grab a copy: Writing Functions.docx Download: schoolYear.R
Expert	You are comfortable programming in R and want to start making tools for people who don't code.	Learn to make web interfaces with Shiny	Grab a copy: Shiny.docx Open in a browser: rpubs.com/jbryer/shinymeetup