

Getting Started with R

Installing R and R Studio:

Installing R: Go [here](#) to download R. Complete these steps before downloading R Studio.

Windows:

1. Select your operating system
2. Download the binary setup for R
3. Open the downloaded .exe file
4. Install R

Mac:

1. Select your operating system
2. Download the appropriate .pkg file
3. Open the downloaded .pkg file
4. Install R

Installing R Studio: Go [here](#) to download R studio.

Windows:

1. Select the Windows link from the list of downloads (usually the first link)
2. Open the downloaded .exe file
3. Install R Studio

Mac:

1. Select the macOS link from the list of downloads (usually the second link)
2. Open the downloaded .pkg file
3. Install R Studio

From now on, opening R Studio will automatically open R!

Learning how to use R Studio:

Please complete this tutorial to learn how to use the R Studio interface:

<http://swcarpentry.github.io/r-novice-gapminder/01-rstudio-intro/index.html>

This tutorial will teach you how to:

- Describe the purpose and use of each pane in the RStudio IDE
- Locate buttons and options in the RStudio IDE
- Define a variable
- Assign data to a variable
- Manage a workspace in an interactive R session
- Use mathematical and comparison operators
- Call functions
- Manage packages

If you'd like to learn more, here are a few online courses on how to use R Studio :

Penn State - R Studio Online Course:

<https://newonlinecourses.science.psu.edu/stat484/node/204/>

Duke University - R studio Workshops:

<https://library.capture.duke.edu/Panopto/Pages/Viewer.aspx?id=651c273a-f1b0-485b-bf47-6bd61e304020>