

Install & setup R and RStudio on your laptop

{% include toc title="This Lesson" icon="file-text" %}

R & RStudio Setup

In this tutorial, we will download and install R & RStudio on your computer.

The R & RStudio installation instructions below were adapted from Software Carpentry.

Learning Objectives

At the end of this activity, you will:

- Be able to download and install R and Rstudio on your laptop.

Windows

- Download R for Windows [here](#)
- Run the .exe file that was downloaded in the step above.
- Go to the RStudio Download page
- Under *Installers* select **RStudio current version ## - Windows XP/Vista/7/8/10**
- Double click the file to install it

Once R and RStudio are installed, open RStudio to make sure that you don't get any error messages.

Mac OS X

- Go to CRAN and click on *Download R for (Mac) OS X*
- Select the .pkg file for the version of OS X that you have and the file will download.
- Double click on the file that was downloaded and R will install
- Go to the RStudio Download page
- Under *Installers* select **RStudio current version ## - Mac OS X 10.6+ (64-bit)** to download it.
- Once it's downloaded, double click the file to install it.

Once R and RStudio are installed, open RStudio to make sure it works and you don't get any error messages.

Linux

R is available through most Linux package managers. You can download the binary files for your distribution from CRAN. Or you can use your package manager (e.g. for Debian/Ubuntu run `sudo apt-get install r-base` and for Fedora run `sudo yum install R`).

- To install RStudio, go to the RStudio Download page
- Under *Installers* select the version for your distribution.
- Once it's downloaded, double click the file to install it.

Once R and RStudio are installed, open RStudio to make sure that it works and there are no errors when you open it.