

R introductory course

To prepare for next week's class, please download two software programs: R and RStudio (see instructions below). In this way, you will be able to code at the same time as the instructors, making it more fun and interactive for you and for us.

*If you are unable to install the new software on the computer you will be using, it is not a problem. You can access it via SBU's Virtual Sinc Sites. Instructions here:

1. Go to <https://it.stonybrook.edu/services/virtual-sinc-site>
2. Launch New Virtual Sinc Site'
3. Choose 'Virtual-SINC-Site'

*If you are still unable to access R and RStudio, that is also ok! You will be able to follow along with the instructor's shared screen.

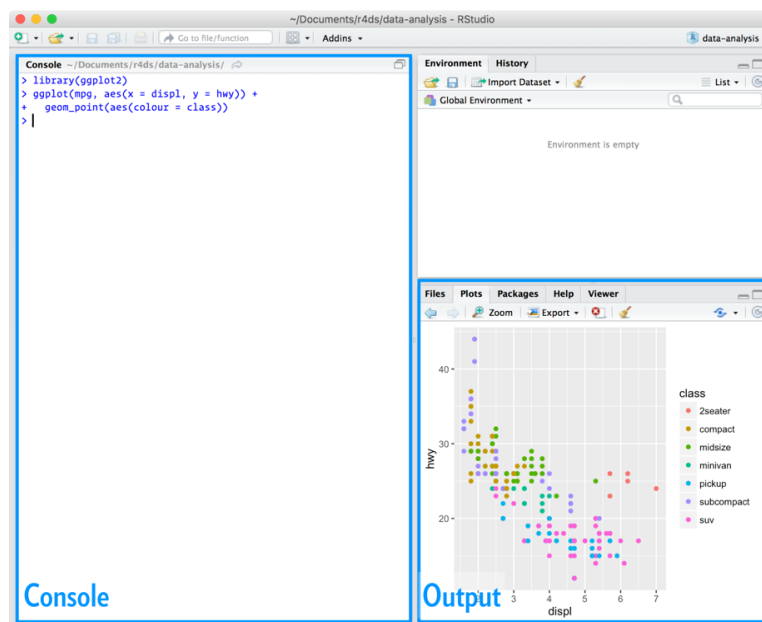
Step 1. Download R

To download R, go to CRAN (the **C**omprehensive **R** Archive **N**etwork): <https://cloud.r-project.org>. Download the latest version of the R software following instructions (version 4.0.0) according to your Operating System (OS -- window, linux, or mac). If a previous version of R is installed on your computer, it is ok! No need to update.

Step 2. Download RStudio

RStudio is an integrated development environment (or IDE) for R programming. It is just easier and nicer to organize the working environment with it. Most people using R are actually using RStudio on a daily basis. Download and install it from: <http://www.rstudio.com/download>. Of course choose the free version and pick the version according to your OS.

When you start RStudio, you'll see two key regions in the interface:



You're ready!