

Downloading & Installing R

Empirical Reasoning Center

1 Installing R

You must have R on your system in order to install R Studio.

Use this link: <https://cran.rstudio.com/>

1. Download R for the operating system that you are using, Mac or Windows.
2. Then click the link based on your operating system. If you have a Mac and are unsure which operating system you have, click the apple on the menubar and choose *About This Mac*. The *Overview* tab will display the version number for your OS X.
 - If you have a Mac with OS X 10.9 or higher (e.g., Mavericks, Yosemite, or El Capitan), select "R-3.3.1.pkg"
 - If you have a Mac with OS X 10.6 - 10.8, select "R-3.2.1-snowleopard.pkg"
 - If you have Windows, select "install R for the first time"
3. Open the download and follow the installation directions
4. You do not need to open R itself

2 Installing R Studio

You can download and install RStudio Desktop using this link:

<https://www.rstudio.com/products/rstudio/download/>

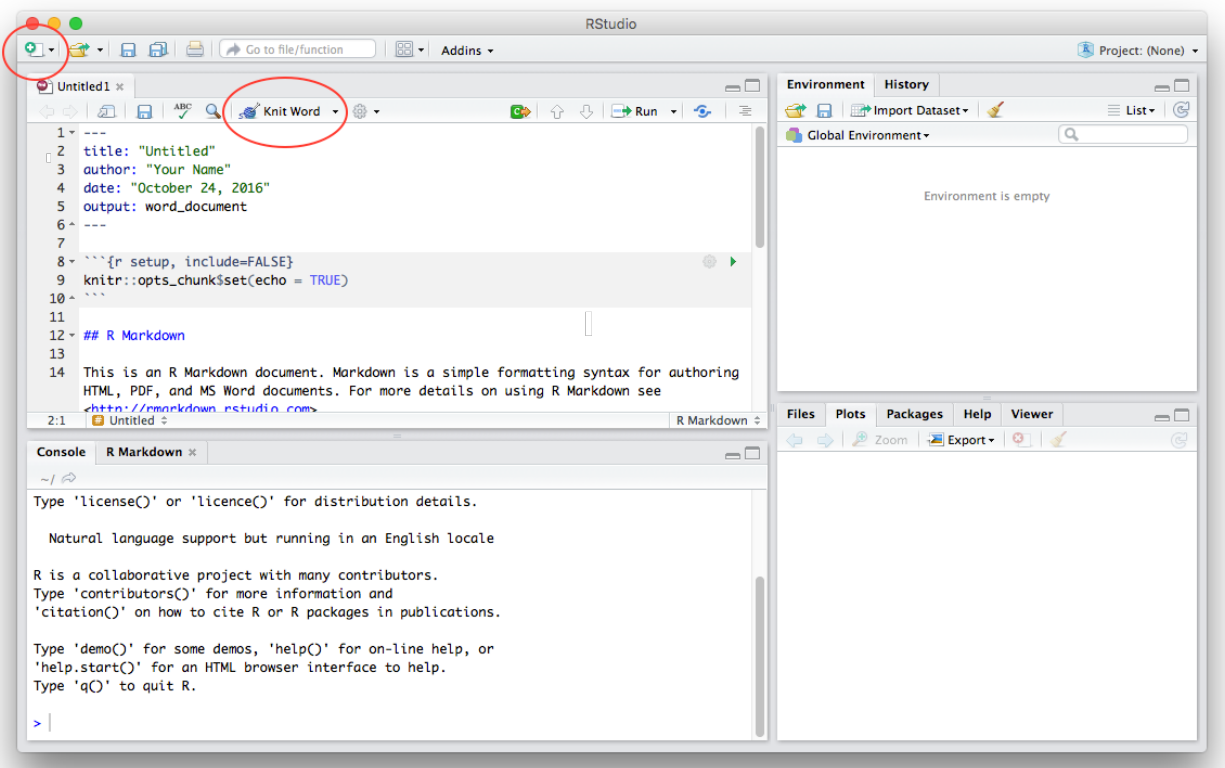
1. Scroll down and download RStudio Desktop (Free License).
2. Under Installers for Supported Platforms, select "RStudio 0.99.903 - Windows Vista/7/8/10" if you have Windows or "RStudio 0.99.903 - Mac OS X 10.6+ (64-bit)" if you have a Mac.
3. Be sure to follow the installation instructions carefully. For example, you may need to drag and drop the RStudio icon from the installer to a folder.

3 R Markdown

You will use R Markdown to complete your data analysis assignment. R Markdown is an application that allows you to complete your data analysis and compose the text for your assignment in one file using RStudio. To make sure RStudio is properly installed and ready to use, you can produce a sample document using R Markdown.

1. Open RStudio

2. In the upper left corner, find the icon for a new file—it is a blank sheet of paper with a green & white plus sign. Click the button.
3. From the menu, choose *R Markdown...*, and a new window will appear
4. In the *New R Markdown* window, choose the option for Word. You can also add a title and your name. Then, click OK.
5. You will see a new tab open in RStudio. This is a sample R Markdown file and will produce a Word document.
6. Click the *Knit Word* icon located above the R Markdown file.
7. A Word document should open in a separate window.



If you are able to open R Studio and produce a Word document, you are all set for the R workshop. If you have any problems, stop by the ERC so that we can provide assistance with installation and set-up of R Studio prior to the R workshop.

Visit the <https://erc.barnard.edu/visit> for information about walk-in hours.