

## CS544 Software

### Step 1: R Installation

*Windows:*

<https://cran.r-project.org/bin/windows/base/R-4.2.1-win.exe>

*Mac OS X 10.13 (High Sierra) and higher, Intel 64-bit:*

<https://cran.r-project.org/bin/macosx/base/R-4.2.1.pkg>

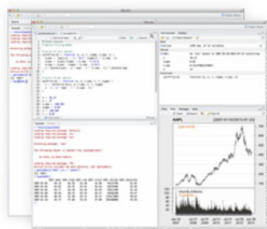
*Other Operating Systems:*

<https://cran.r-project.org/>

### Step 2: RStudio Desktop IDE

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

Click **Download** under *RStudio Desktop Open Source License* FREE and download the Installer and install for your Operating System.



## Choose Your Version of RStudio

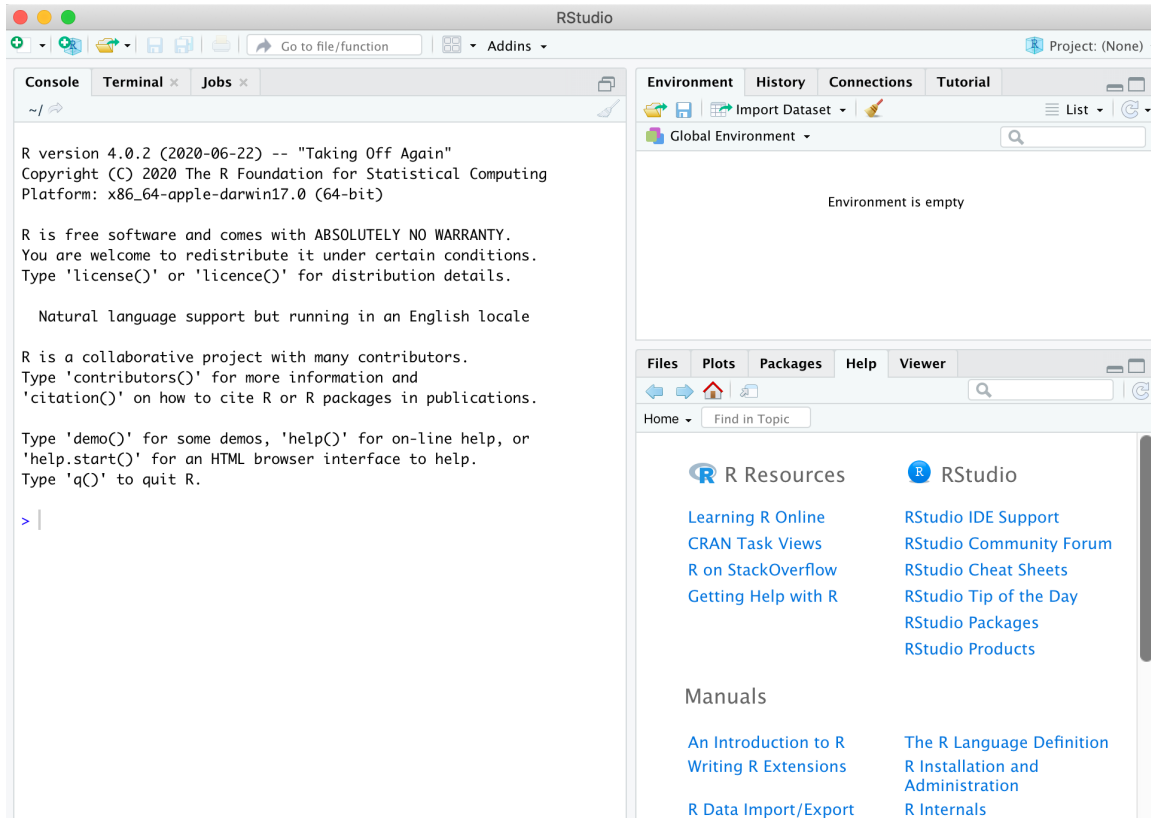
RStudio is a set of integrated tools designed to help you be console, syntax-highlighting editor that supports direct co tools for plotting, viewing history, debugging and managin [RStudio features](#).

	RStudio Desktop Open Source License	RStudio Desktop Commercial License	RStudio Server Open Source License	RStudio Comr
	FREE	\$995 per year	FREE	\$9,!
	<a href="#">DOWNLOAD</a> <a href="#">Learn More</a>	<a href="#">BUY</a> <a href="#">Learn More</a>	<a href="#">DOWNLOAD</a> <a href="#">Learn More</a>	<a href="#">D</a> I
Integrated Tools for R	●	●	●	
Priority Support		●		
Access via Web Browser			●	
Enterprise Security				

**Note for Windows:** You may want to pin the **RStudio** executable to the Taskbar. The executable is typically located in C:\Program Files\RStudio\bin.

## Working with RStudio

After you complete the installation and run RStudio, the program opens the IDE as shown below



You can experiment with some of the code provided in the Module1 lecture notes as shown below:

Go to file/function

Addins

Project: (None)

Console

Terminal

~/

R is free software and comes with ABSOLUTELY NO WARRANTY.  
You are welcome to redistribute it under certain conditions.  
Type 'license()' or 'licence()' for distribution details.  
  
Natural language support but running in an English locale  
  
R is a collaborative project with many contributors.  
Type 'contributors()' for more information and  
'citation()' on how to cite R or R packages in publications.  
  
Type 'demo()' for some demos, 'help()' for on-line help, or  
'help.start()' for an HTML browser interface to help.  
Type 'q()' to quit R.  
  
> x <- 10  
>  
> x  
[1] 10  
>  
> y = "Hello"  
>  
> y  
[1] "Hello"  
>  
> |

Environment

History

Connections

Import Dataset

List

Global Environment

Values

x	10
y	"Hello"

Files

Plots

Packages

Help

Viewer

Home

Find in Topic

R Resources

[Learning R Online](#)  
[CRAN Task Views](#)  
[R on StackOverflow](#)  
[Getting Help with R](#)

RStudio

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Manuals