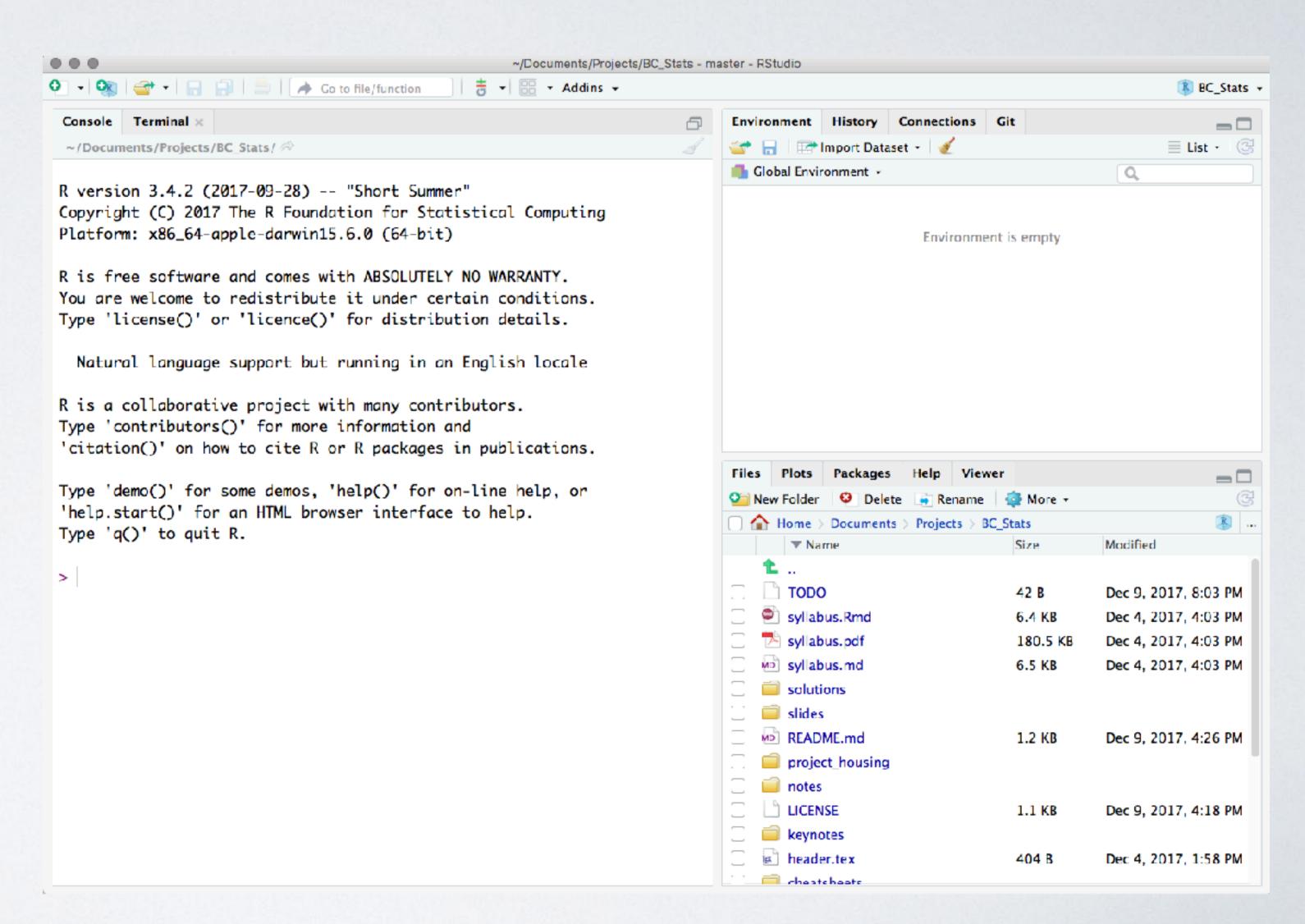
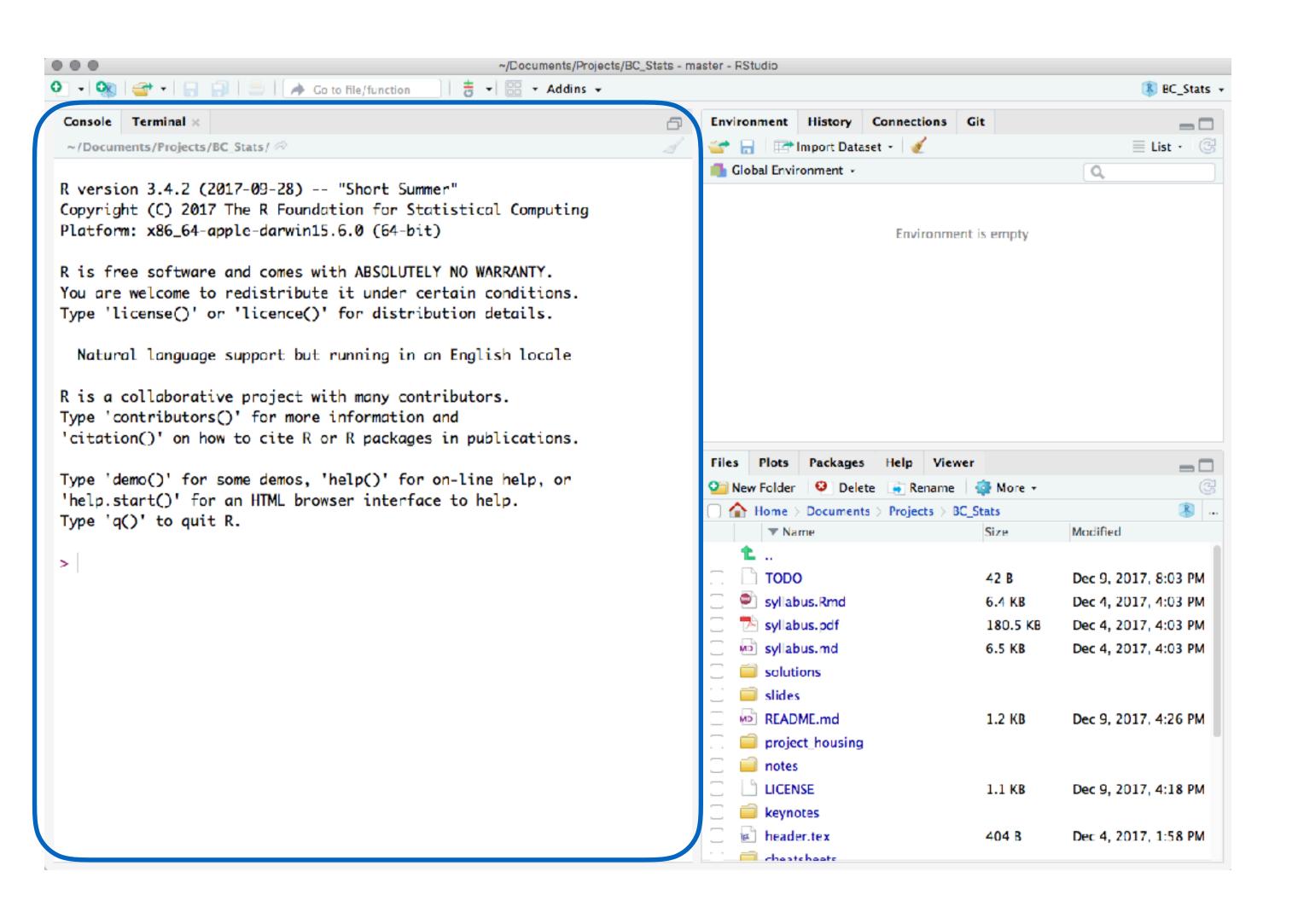
# Getting Started with R and RStudio

If you haven't already, open up the r\_intro\_bc\_stats.Rproj file.

This should open up RStudio.





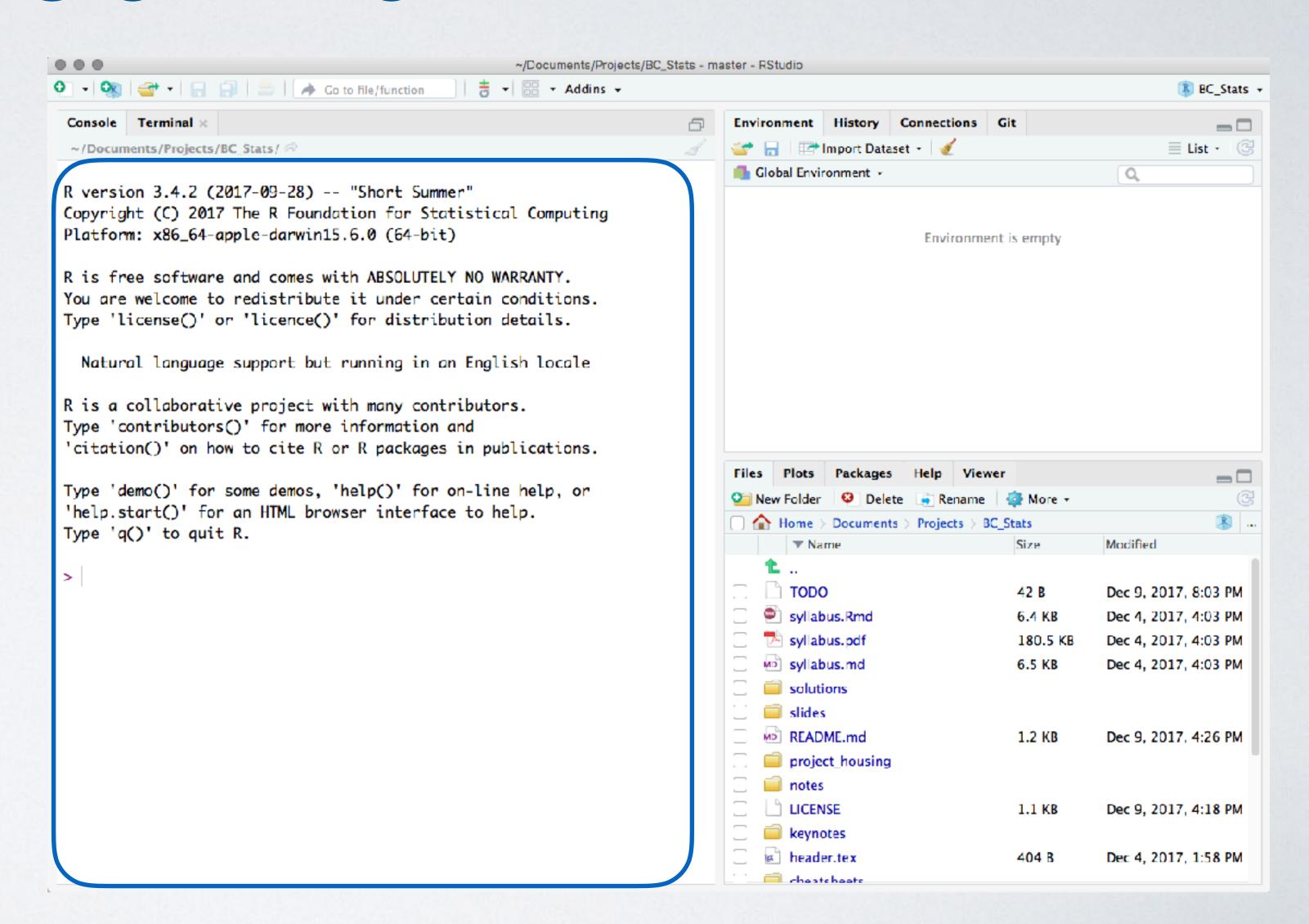
### Console

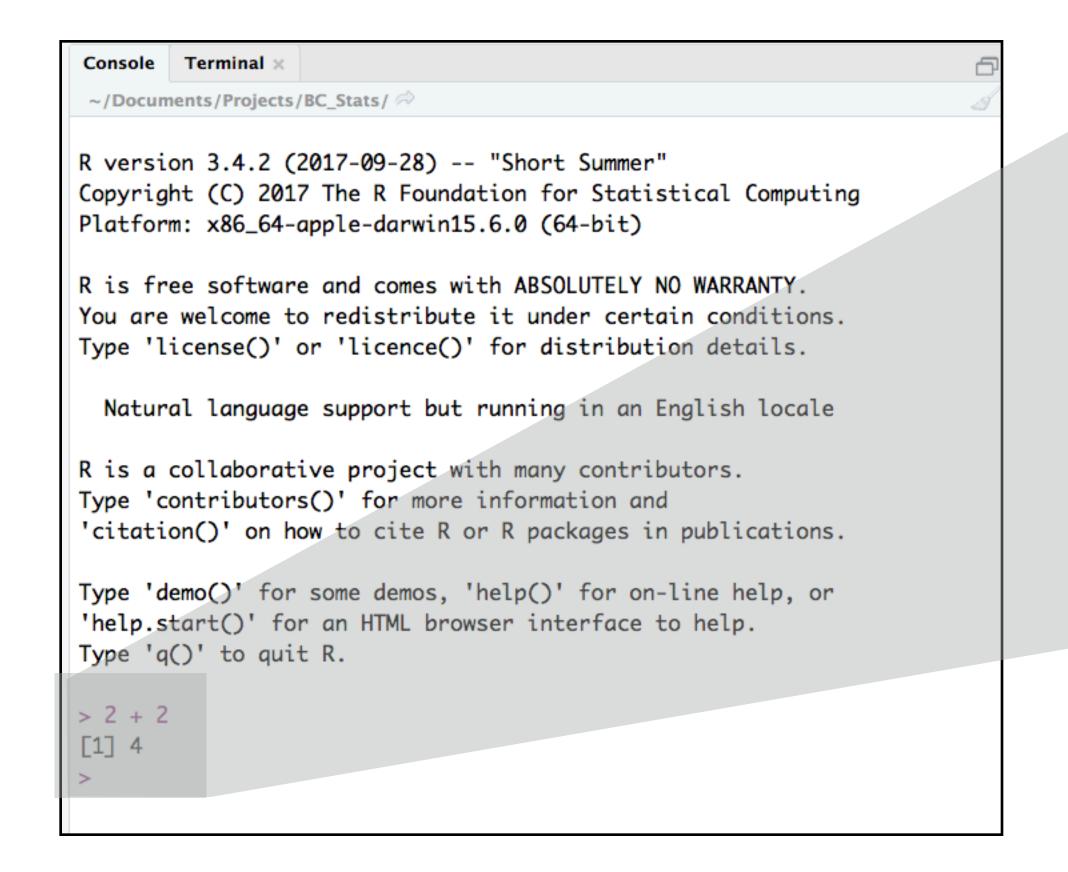
R is awaiting your instructions

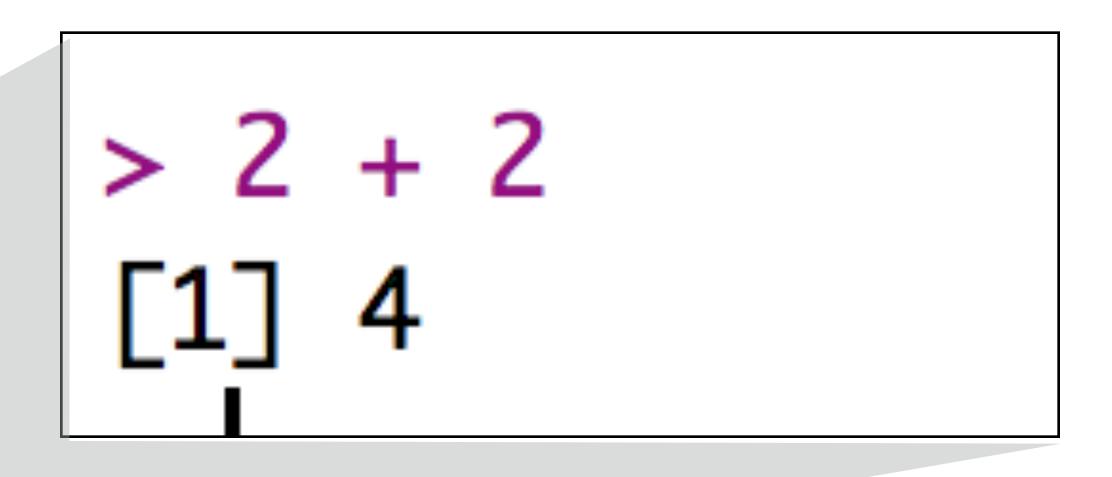
You can type code here, hit Enter, and R will evaluate it

Into the console, type: 2 + 2

Then hit Enter

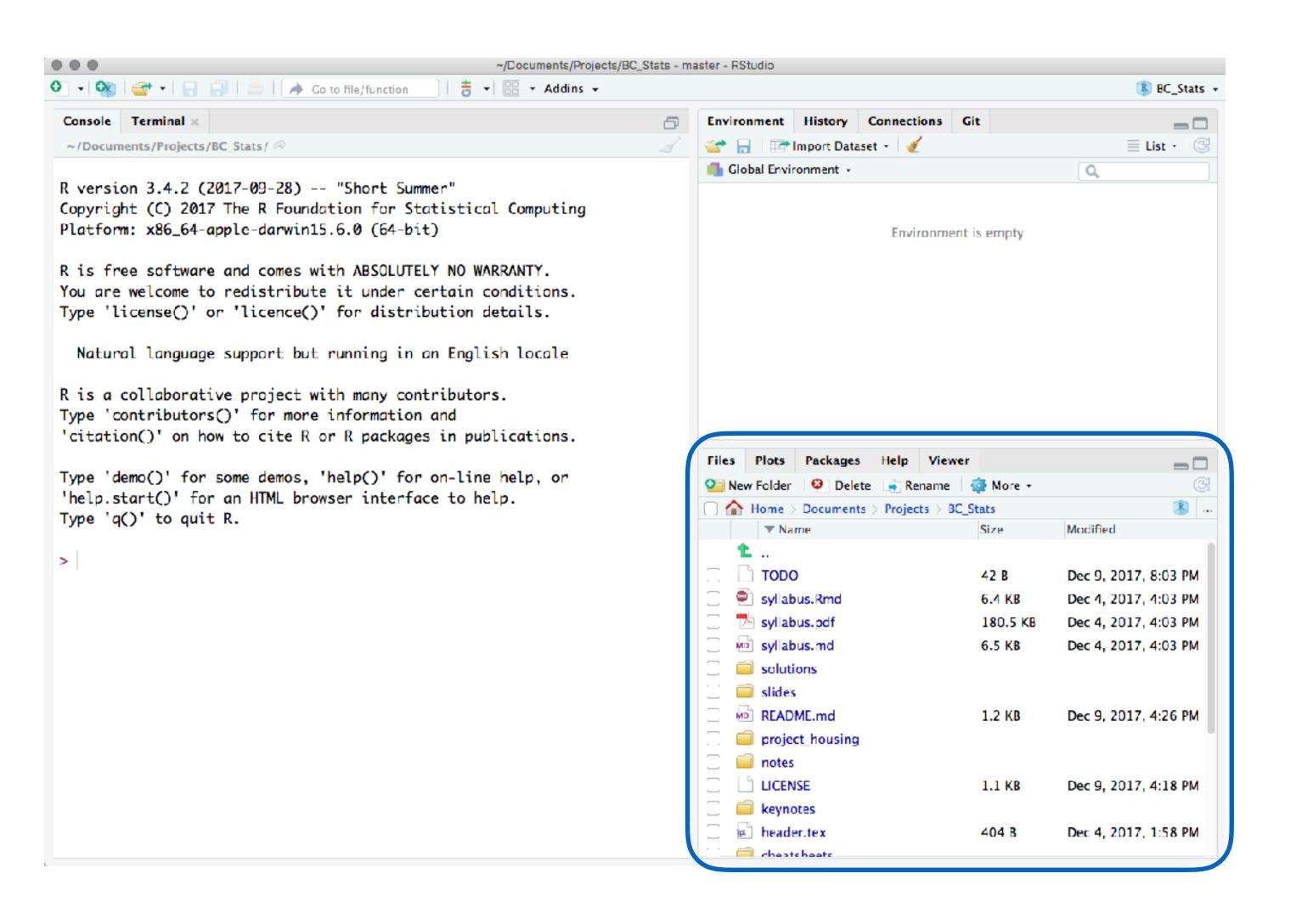






You asked, and R answered, but this is ephemeral.

In practice you'll keep your R code in a document.



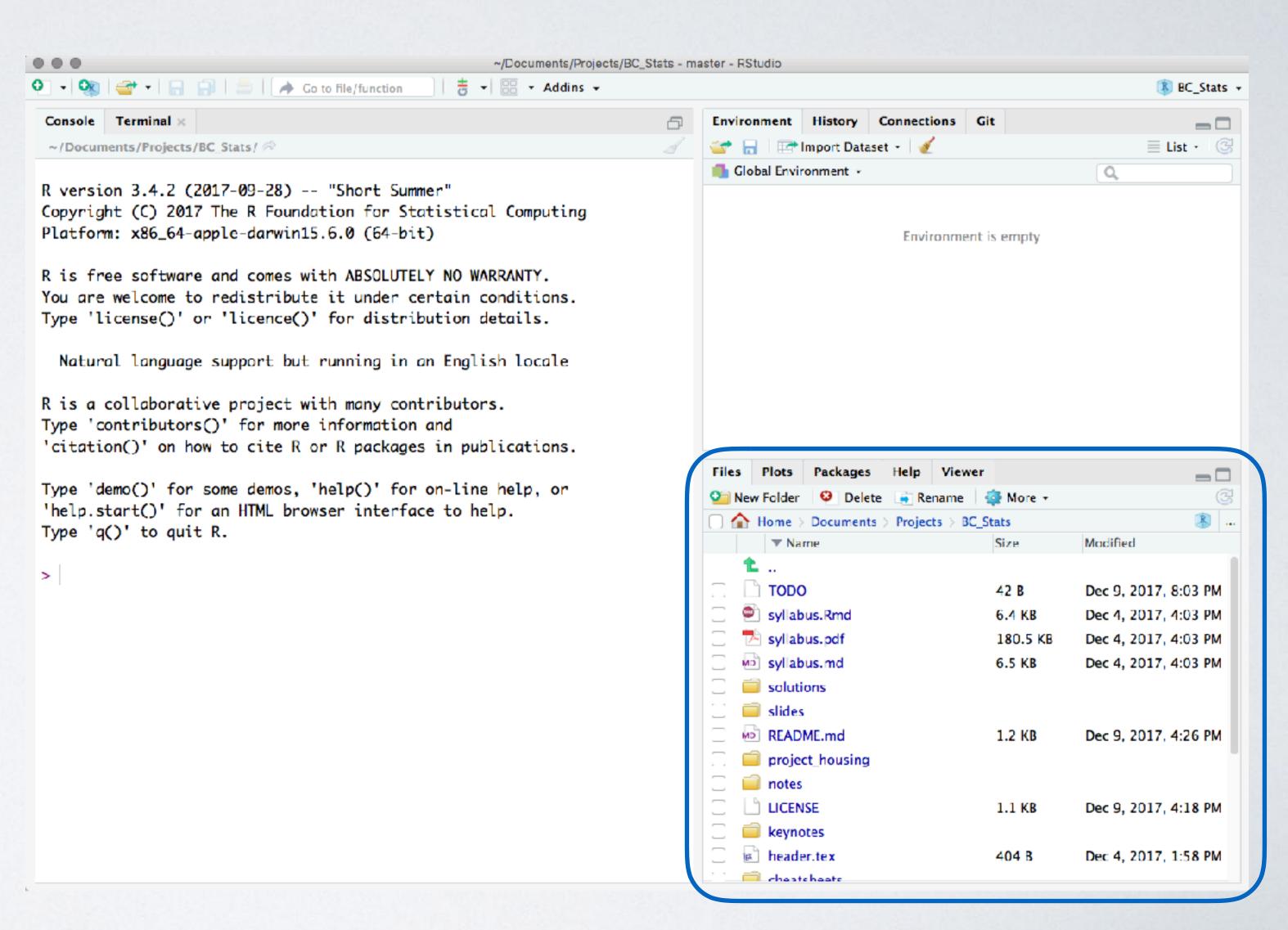
### Files Pane

Files in your current working directory.

In the Files Pane,

Find 01-Gettingstarted.Rmd

Click on it's name to open the file.



```
01-Getting-started.Rmd ×
     title: "Getting Started with R and RStudio"
     output: html_notebook
  6 - ```{r setup}
                                                        £ £
     library(tidyverse)
 10 - ## R Notebooks
 11
    This is an [R Markdown](http://rmarkdown.rstudio.com)
     Notebook. When you execute code within the notebook, the
     results appear beneath the code.
    R code goes in **code chunks**, denoted by three backticks.
     Try executing this chunk by clicking the *Run* button within
     the chunk or by placing your cursor inside it and pressing
     *Cmd+Shift+Enter*.
 15
 16 - ```{r}
                                                      ﴿ ₹ ﴾
     ggplot(data = mpg) +
      geom_point(aes(x = displ, y = hwy))
 19
 20
    Add a new code chunk by clicking the *Insert Chunk* button
     on the toolbar or by pressing *Cmd/Ctrl+Option+I*.
 23 When you save the notebook, an HTML file containing the code
     and output will be saved alongside it (click the *Preview*
3:22 ## Getting Started with R and RStudio $
                                                      R Markdown $
Console
```

#### **Source Pane**

Documents open up here.

The console is still here but it's been minimized

```
01-Getting-started.Rmd ×
                                                                _ 0
     | → Run → → Run → → ABC | → Preview → → → Tollinsert → | → → → Run → →
     title: "Getting Started with R and RStudio"
     output: html_notebook
  6 - ```{r setup}
     library(tidyverse)
     ## R Notebooks
 11
     This is an [R Markdown](http://rmarkdown.rstudio.com)
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 15
 16 - ```{r}
                                                           £ £
     ggplot(data = mpg) +
       geom_point(aes(x = displ, y = hwy))
 19
 20
     Add a new code chunk by clicking the *Insert Chunk* button
     on the toolbar or by pressing *Cmd/Ctrl+Option+I*.
 23 When you save the notebook, an HTML file containing the code
     and output will be saved alongside it (click the *Preview*
     button on proce *Cmd Chift I/* to proviou the UTML file)
      # Getting Started with R and RStudio $
                                                           R Markdown $
Console
```

### **R** notebooks

An authoring format for Data Science

01-Getting-started.Rmd is an R notebook

```
01-Getting-started.Rmd ×
                                                             Insert → ↑ → Run → 🧐
     title: "Getting Started with R and RStudio"
     output: html_notebook
        {r setup}
     library(tidyverse)
     ## R Notebooks
     This is an [R Markdown](http://rmarkdown.rstudio.com)
     Notebook. When you execute code within the notebook, the
     results appear beneath the code.
 13
     R code goes in **code chunks**, denoted by three backticks.
     Try executing this chunk by clicking the *Run* button within
     the chunk or by placing your cursor inside it and pressing
     *Cmd+Shift+Enter*.
 15
                                                       `{r}
     ggplot(data = mpg) +
       geom_point(aes(x = displ, y = hwy))
 20
     Add a new code chunk by clicking the *Insert Chunk* button
     on the toolbar or by pressing *Cmd/Ctrl+Option+I*.
 23 When you save the notebook, an HTML file containing the code
     and output will be saved alongside it (click the *Preview*
     hutton on proce *Cmd Shift IV* to proviou the UTML file)
                                                       R Markdown $
     # Getting Started with R and RStudio $
Console
```

### **R** notebooks

An authoring format for Data Science

01-Getting-started.Rmd is an R notebook

Integrates:

Code

```
01-Getting-started.Rmd ×
                                                               | □ | □ | ABC | □ Preview → ۞ → 🔁 Insert → | ↑ □ □ Run → | •
     title: "Getting Started with R and RStudio"
     output: html_notebook
      ```{r setup}
  ♠
     library(tidyverse)
     ## R Notebooks
     This is an [R Markdown](http://rmarkdown.rstudio.com)
     Notebook. When you execute code within the notebook, the
     results appear beneath the code.
     R code goes in **code chunks**, denoted by three backticks.
     Try executing this chunk by clicking the *Run* button within
     the chunk or by placing your cursor inside it and pressing
     *Cmd+Shift+Enter*.
 16 - ```{r}
  ∰ ¥ ▶
     ggplot(data = mpg) +
       geom_point(aes(x = displ, y = hwy))
 19
 20
     Add a new code chunk by clicking the *Insert Chunk* button
     on the toolbar or by pressing *Cmd/Ctrl+Option+I*.
 23 When you save the notebook, an HTML file containing the code
     and output will be saved alongside it (click the *Preview*
     hutton on proce *Cmd Shift IV* to proviou the UTML file)
  R Markdown $
      # Getting Started with R and RStudio $
Console
```

### **R** notebooks

An authoring format for Data Science

01-Getting-started.Rmd is an R notebook

Integrates:

- Code
- Text

```
01-Getting-started.Rmd ×
   Insert → ↑ → Run → ♣
  1 - ---
    title: "Getting Started with R and RStudio"
     output: html_notebook
  6 - ```{r setup}
  ∰ ▶
     library(tidyverse)
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     Try executing this chunk by clicking the *Run* button within
     the chunk or by placing your cursor inside it and pressing
     *Cmd+Shift+Enter*.
 15
 16 - ```{r}
   £ £
     ggplot(data = mpg) +
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 20
     Add a new code chunk by clicking the *Insert Chunk* button
     on the toolbar or by pressing *Cmd/Ctrl+Option+I*.
 23 When you save the notebook, an HTML file containing the code
     and output will be saved alongside it (click the *Preview*
     button on proce *Cmd Chift IV* to proviou the UTML file)
   R Markdown $
     # Getting Started with R and RStudio $
   Console
```

### **R** notebooks

An authoring format for Data Science

01-Getting-started.Rmd is an R notebook

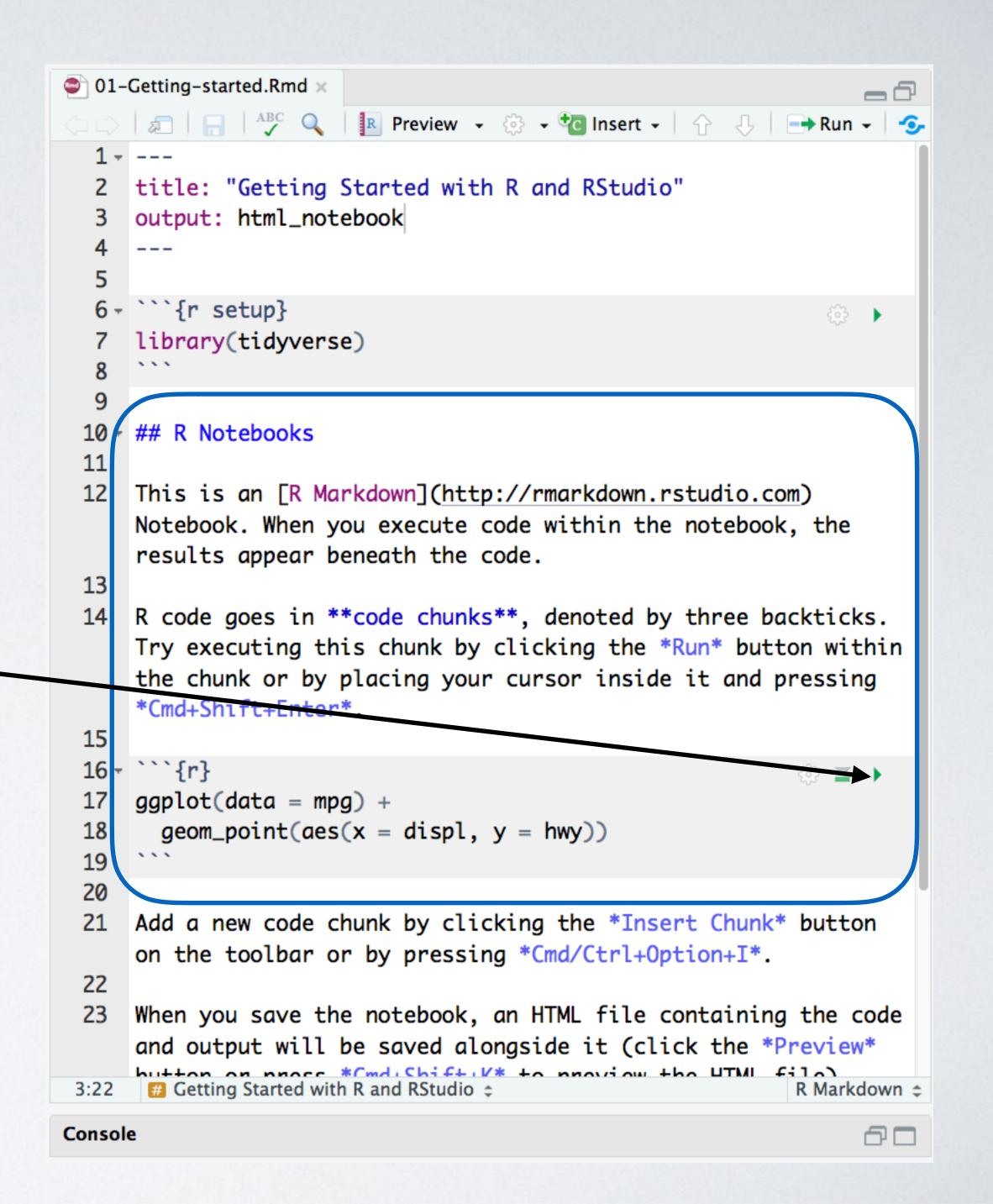
Integrates:

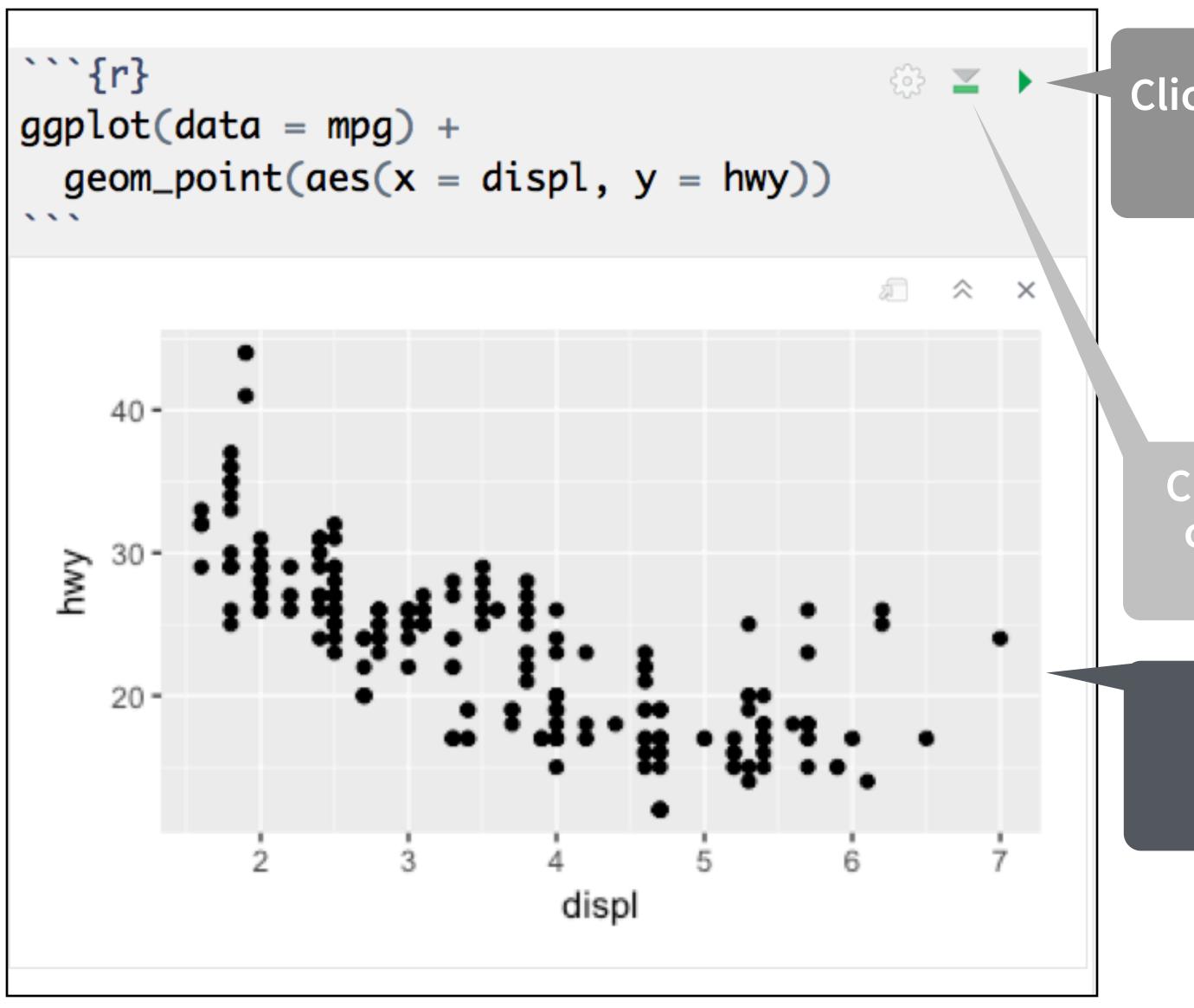
- Code
- Text
- Output

Read the instructions.

Run the code by hitting the play button,

or using the keyboard shortcut.





Click to run code in chunk

Click to run all code chunks above

Code result

Keep going!

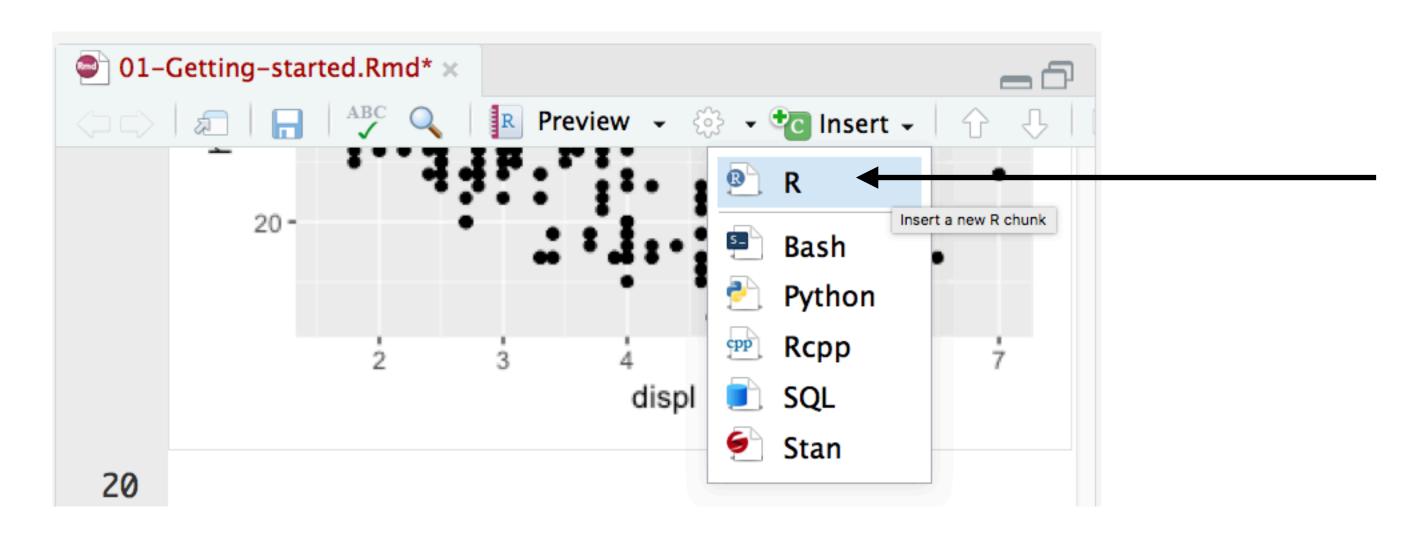
Add a new code chunk.

Put:

2 + 2

in your new chunk and run it.

```
01-Getting-started.Rmd ×
  🗐 🔚 👫 🔍 📗 Preview 🗸 🔅 🗸 🔁 Insert 🗸 🔓 🕒 🖶 Run 🗸 😏
  2 title: "Getting Started with R and RStudio"
     output: html_notebook
  6 - ```{r setup}
   £
     library(tidyverse)
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     the chunk or by placing your cursor inside it and pressing
     *Cmd+Shift+Enter*.
 15
     ```{r}
                                                         ∰ ¥ ▶
     ggplot(data = mpg) +
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     When you save the notebook, an HTML file containing the code
     and output will be saved alongside it (click the *Preview*
     hutton on proce *Cmd Shift V* to proviou the UTML file?
      # Getting Started with R and RStudio $
                                                         R Markdown
                                                              Console
```



#### 

### Insert new code chunk

```
01-Getting-started.Rmd
                                                               - * Insert - ↑ → Run - 5-
                       R Preview -
     title: "Getting Started with R and RStudio"
     output: html_notebook
  6 - ```{r setup}
                                                            € >
     library(tidyverse)
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     button on proce *Cmd Chift I/* to proviou the UTML file)
      # Getting Started with R and RStudio $
  R Markdown $
Console
```

### **R** notebooks

Keep a record of things you have run, you can see an HTML version, by hitting preview.

```
01-Getting-started.Rmd
   - * Insert - ↑ → Run - 5-
                       R Preview -
     title: "Getting Started with R and RStudio"
     output: html_notebook
  6 - ```{r setup}
  € >
     library(tidyverse)
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 15
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     Add a new code chunk by clicking the *Insert Chunk* button
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     and output will be saved alongside it (click the *Preview*
     button on proce *Cmd Chift I/* to proviou the UTML file)
      # Getting Started with R and RStudio $
                                                          R Markdown $
Console
```

### **R** notebooks

Keep a record of things you have run, you can see an HTML version, by hitting preview.

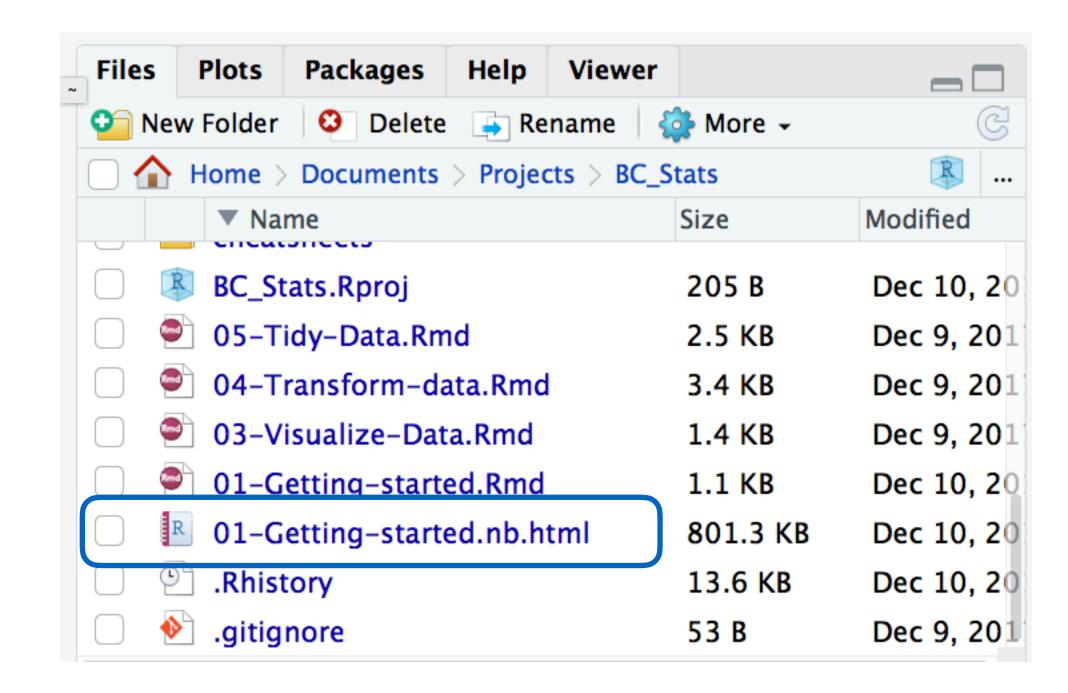
```
01-Getting-started.Rmd

→ ** Insert → | ↑ → Run → ** **
                       R Preview -
     title: "Getting Started with R and RStudio"
     output: html_notebook
      ```{r setup}
   ∰ ▶
     library(tidyverse)
     ## R Notebooks
 11
     This is an [R Markdown](http://rmarkdown.rstudio.com)
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     *Cmd+Shift+Enter*.
 15
 16 -
     ```{r}
     ggplot(data = mpg) +
       geom_point(aes(x = displ, y = hwy))
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     button on proce *Cmd Chift I/* to proviou the UTML file)
      # Getting Started with R and RStudio $
                                                          R Markdown $
                                                                Console
```

### **R** notebooks

friends.

The result is stand-alone, you can email it to your



### RNotebooks

An easy way to combine R code and narrative Useful for us:

- I'll provide starter code
- You can complete "Your Turns"
- At the end, a useful record for you

### 1. Spot the difference

```
four_cyls <- filter(mtcars, cyl == 4)</pre>
```

2. Find the chunks in the notebook and run them, what's different about what happens?

```
30
31 * ## Assigning variables
32
33 What's the difference between the code in this chunk:
34 * ```{r}
35 filter(mtcars, cyl == 4)
36
37
38 And the code in this chunk?
39 * ```{r}
40 four_cyls <- filter(mtcars, cyl == 4)
41
42
```

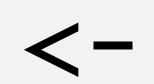
Does something (?) and output is displayed

Does the exact same thing but output is stored in variable four\_cyls

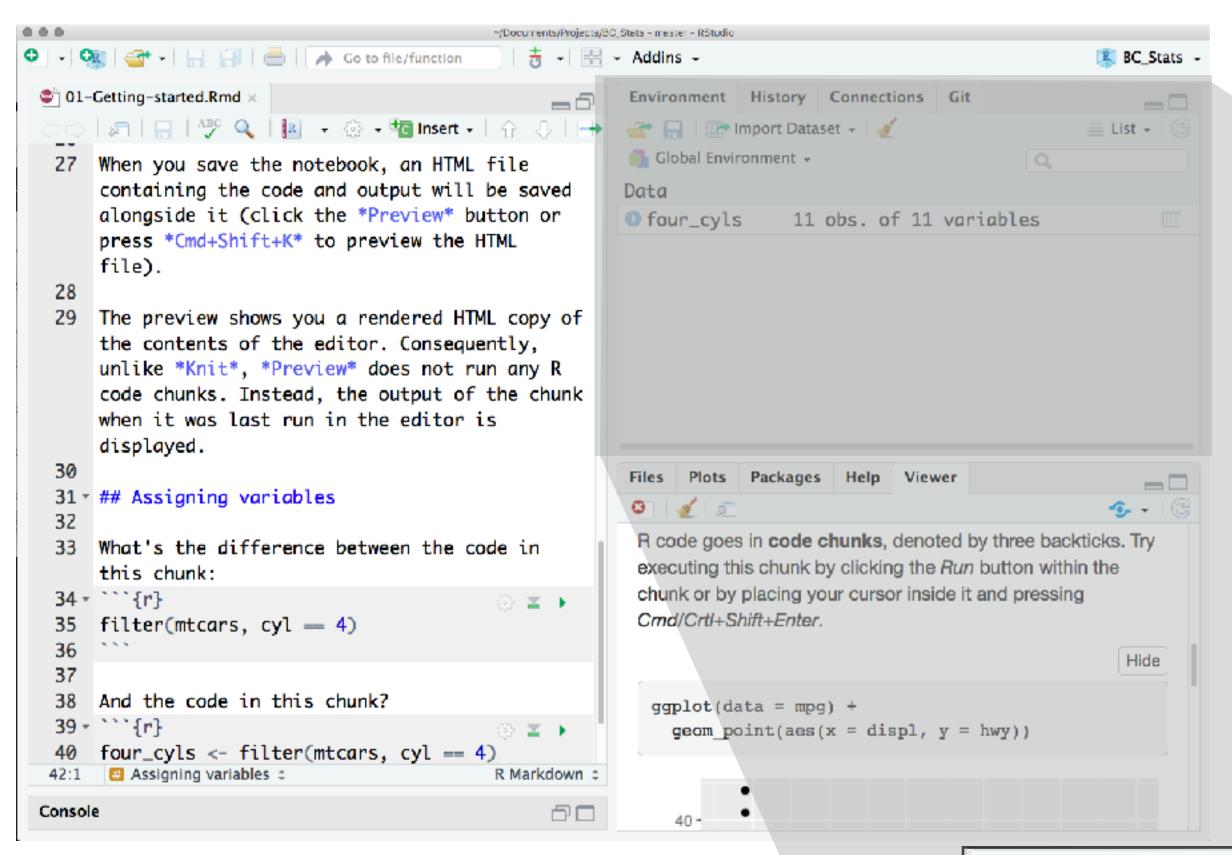
# Assignment

four\_cyls <- filter(mtcars, cyl == 4)</pre>

Assign the output from the right hand side, to a variable with the name on the left hand side



The assignment operator, 'less than symbol' 'dash'



### **Environment**

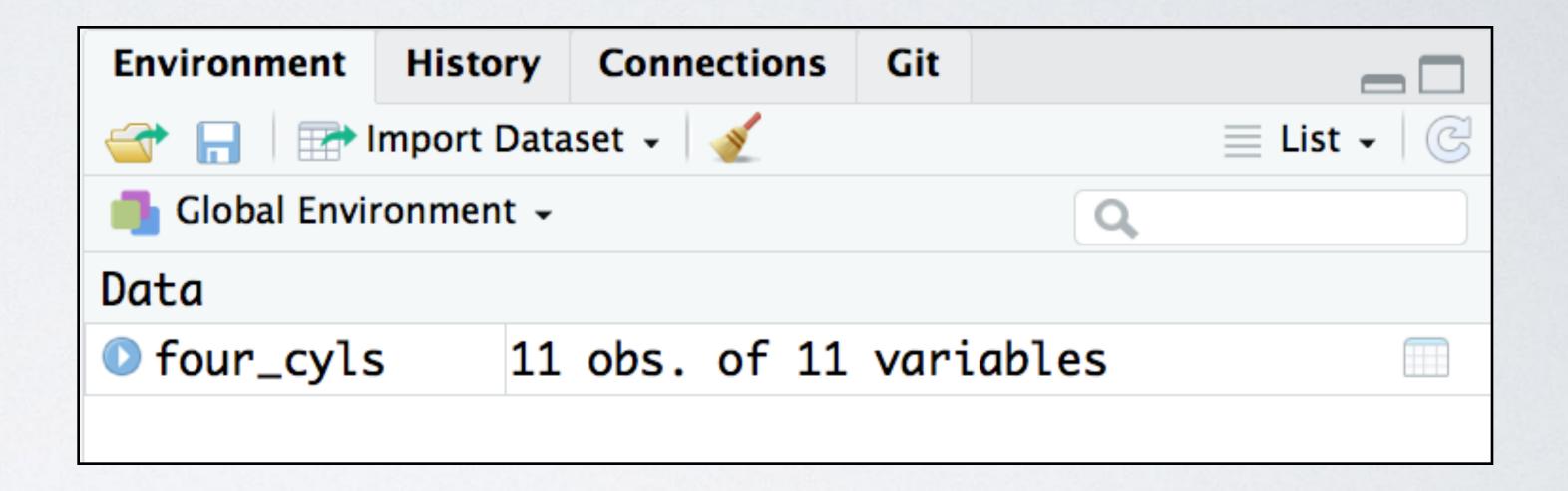
All the variables you have stored

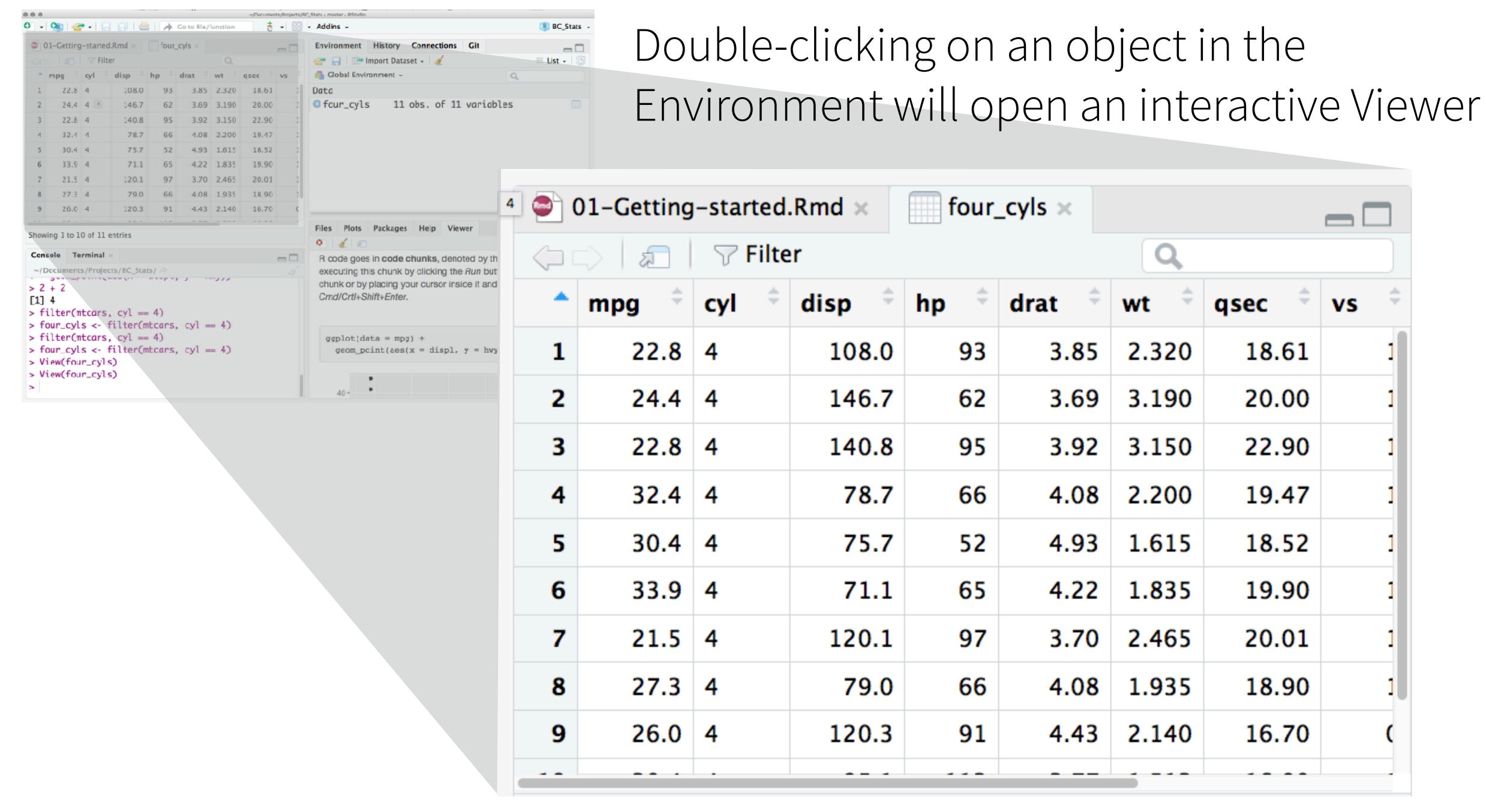


Find four\_cyls in the environment pane.

Double-click on the name four\_cyls.

What happens? What is this object?





# Basic Syntax

four\_cyls <- filter(mtcars, cyl == 4)

A function</pre>

Functions do things in R

Functions take arguments, and output results

If you want to keep the output, you assign it to a variable

# Basic Syntax

four\_cyls <- filter(mtcars, cyl == 4)

To call a function, you need to know it's name,

and the arguments it is expecting.

Arguments are comma separated and go inside the parenthesis following the function name.

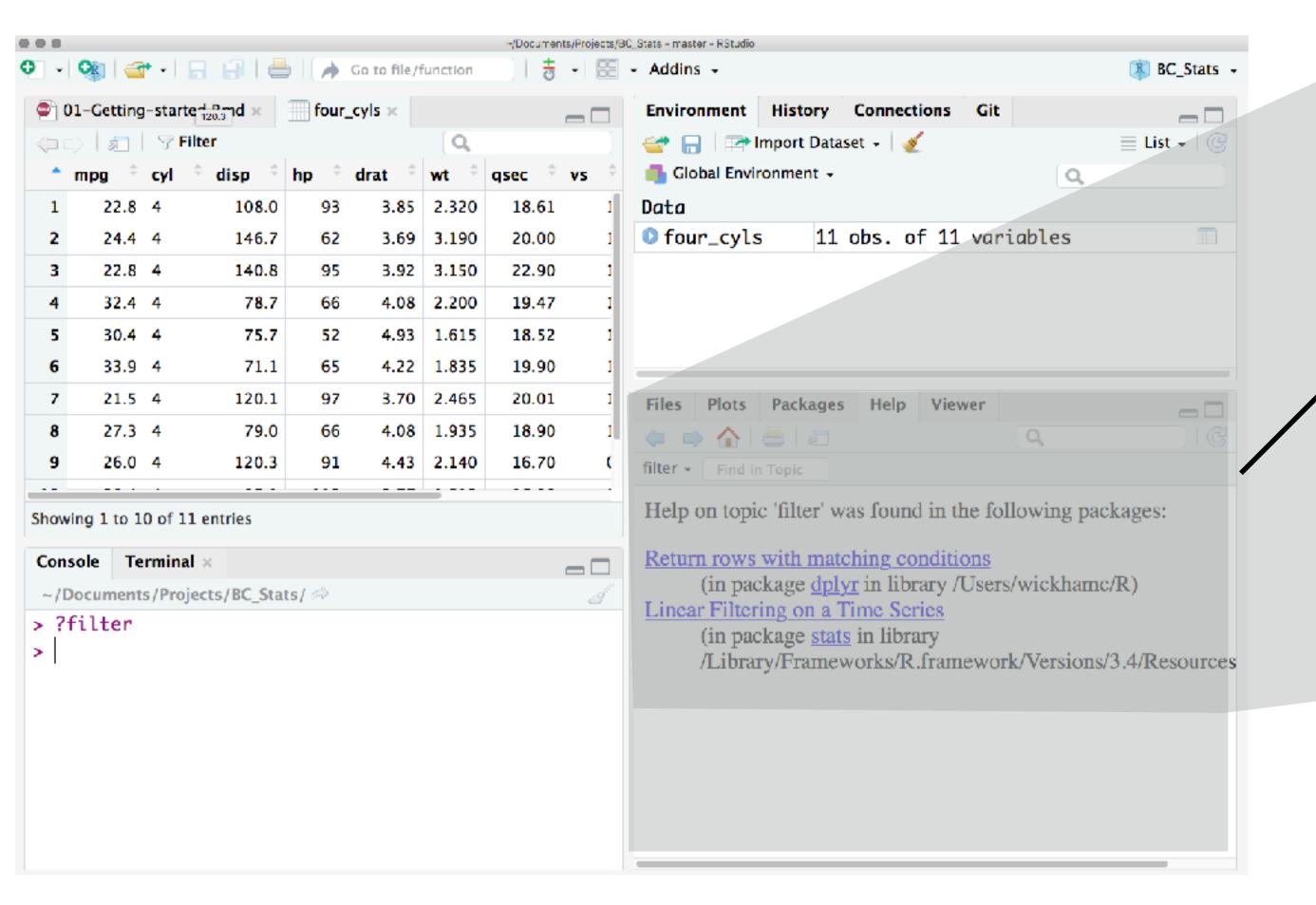
## ?

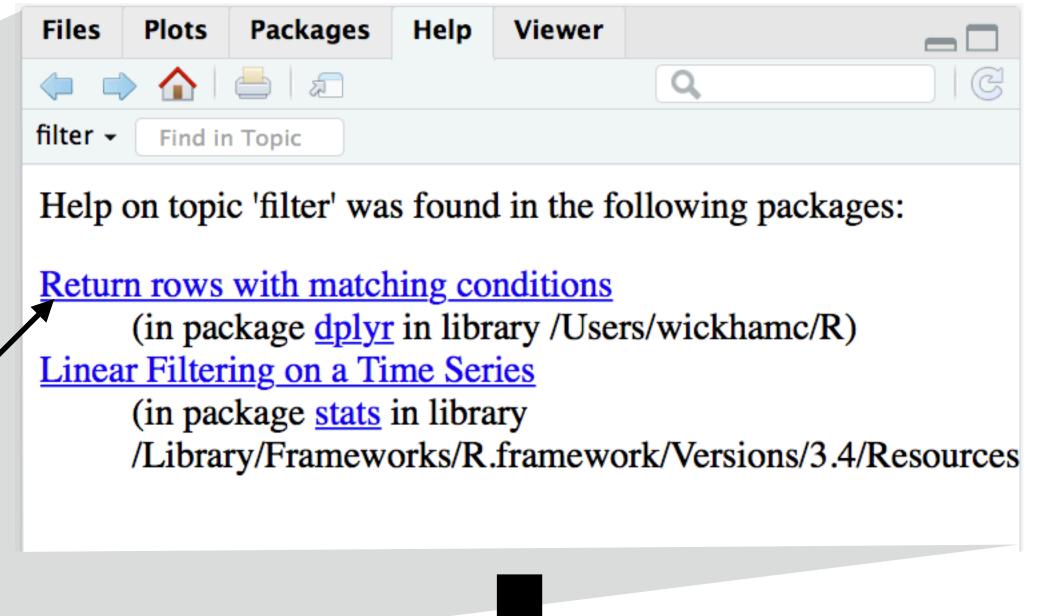
for help on functions

To get help on a function in R, on the **Console**, type

?function\_name

Try
?filter





filter {dplyr}

R Documentation

### Return rows with matching conditions

#### **Description**

Use filter() find rows/cases where conditions are true. Unlike base subsetting, rows where the condition evaluates to NA are dropped.

#### **Usage**

filter(.data, ...)

#### **Arguments**

filter {dplyr} R Documentation

### Return rows with matching conditions

#### **Description**

Use filter() find rows/cases where conditions are true. Unlike base subsetting, rows where the condition evaluates to NA are dropped.

#### Usage

filter(.data, ...)

#### **Arguments**

### Arguments

A named argument .data

. . . Some other unnamed arguments

filter {dplyr} R Documentation

#### Return rows with matching conditions

#### **Description**

Use filter() find rows/cases where conditions are true. Unlike base subsetting, rows where the condition evaluates to NA are dropped.

#### **Usage**

```
filter(.data, ...)
```

#### **Arguments**

- .data A tbl. All main verbs are S3 generics and provide methods for <u>tbl\_df()</u>, <u>dtplyr::tbl\_dt()</u> and <u>dbplyr::tbl\_dbi()</u>.
- Logical predicates defined in terms of the variables in data. Multiple conditions are combined with &. Only rows where the condition evaluates to TRUE are kept.

These arguments are automatically <u>quoted</u> and <u>evaluated</u> in the context of the data frame. They support <u>unquoting</u> and splicing. See vignette("programming") for an introduction to these concepts.

#### **Details**

Note that dplyr is not yet smart enough to optimise filtering optimisation on grouped datasets that don't need grouped calculations. For this reason, filtering is often considerably faster on <a href="mailto:ungroup()">ungroup()</a> ed data.

Naming arguments is optional,

unnamed arguments are used in the order they are given

the first argument should take the value mtcars

the .data argument should take the value mtcars

Take a look at the next chunk.

- 1. What functions are being called?
- 2. What arguments do they take?
- 3. What values are being passed as which arguments?

```
46
47 \ ```{r}

48 heights <- pull(.data = starwars, var = height)

49 mean(heights, na.rm = TRUE)

50
51
```

heights <- pull(.data = starwars, var = height)

pull() is being called with the .data argument being starwars, and the var argument being height

mean(heights, na.rm = TRUE)

mean() is being called with the x argument being heights, and the na.rm argument being TRUE

## Common Syntax problem #1

Missing closing parenthesis or quotes

mean(heights

"Oops I'm stuck in a string

## Common Syntax problem #2

Surrounding something in quotes, when R expected something else (or vice versa), e.g.

```
> mean("heights")
[1] NA
Warning message:
In mean.default("heights") :
   argument is not numeric or logical: returning NA
```

There are three chunks under "Syntax gone wrong".

Run each, read the error message, and try to fix the syntax.

sd(pull(.data = starwars, var = weight))

my\_name <- "Charlotte"</pre>

# Getting Started with R and RStudio

# Summary

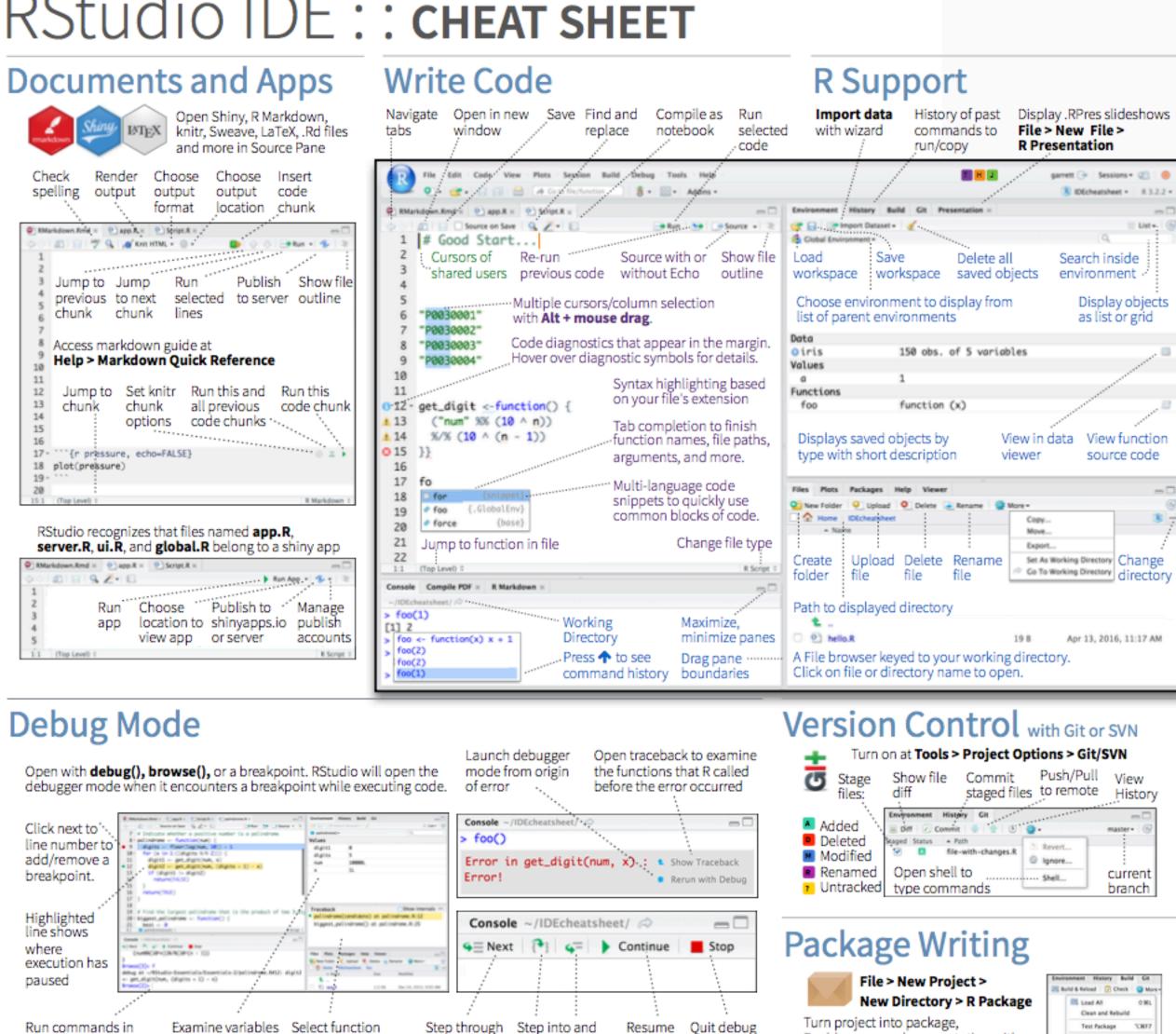
Use R Notebooks to keep together code, output and text.

If you need to use output, assign it to a variable <-

Get help on a function with ?

Watch your (, "





#### **Pro Features**

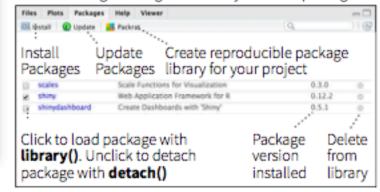
Share Project Active shared with Collaborators, collaborators Start new R Session in current project THI J garrett 🕒 Sessions + 💯 📵 . . Close R IDEcheatsheet ▼ R 3.2.2 ▼ Session in New Project... ✓ R version 3.2:2 project Copen Project... R version 3.1.3 Close Project R version 3.0.3 Select Share Project... R version 2.15.3 R Version **IDEcheatsheet** RStudio-Essentials PROJECT SYSTEM Essentials shiny-examples File > New Project Clear Project List RStudio saves the call history, Project Options... workspace, and working directory associated with a Name of project. It reloads each when current project

RStudio opens plots in a dedicated Plots pane

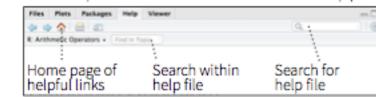
you re-open a project.



GUI Package manager lists every installed package



RStudio opens documentation in a dedicated Help pane



Viewer Pane displays HTML content, such as Shiny apps, RMarkdown reports, and interactive visualizations



View(<data>) opens spreadsheet like view of data set

7 Filter			(0,				
1	Sepal.Length 5	Sepal.Width	Petal.Length	Petal.Width	Species		
	All	All	All [	All	All		
1	5.1	3.5	1.4	0.	2 setosa		
2	1		1				
3	Filter rows	by value	Sort	by S	Search for value		
	or value ra		value	es f			



environment where

execution has paused environment

in executing

in traceback to

debug

code one line out of functions execution mode

to run

at a time

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commands to File > New File >

Delete all

150 obs. of 5 variables

file

Turn on at Tools > Project Options > Git/SVN

file-with-changes.R

File > New Project >

Tools > Project Options > Build Tools

Enable roxygen documentation with

Help > Roxygen Quick Reference

Roxygen guide at

Show file Commit Push/Pull View

staged files to remote History

current

branch

🔣 Build & Reload | 🕝 Check | 🔮 More+

Test Package VINE

**Build Source Package** 

**Build Binary Package** 

X Configure Build Tools...

function (x)

run/copy

R Presentation

IDEcheatsheet • R 3.2.2 •

Display objects

source code

as list or grid

Search inside

environment

View in data View function

Co To Working Directory directory

19 B Apr 13, 2016, 11:17 AM

Move...

1 LAYOUT		Windows/Linu	х Мас	4 WRITE CODE	Windows /Linux	Mac	WHY RSTUDIO SERVER PRO?		
Move focus to Source	Editor	Ctrl+1	Ctrl+1	Attempt completion	Tab or Ctrl+Space	Tab or Cmd+Space	RSP extends the the open source	server with a	
Move focus to Source		Ctrl+2	Ctrl+2	Navigate candidates	<b>↑</b> / <b>↓</b>	<b>↑</b> / <b>↓</b>	commercial license, support, and		
Move focus to Help	•	Ctrl+3	Ctrl+3	Accept candidate	Enter, Tab, or 🔷	Enter, Tab, or 🔷	open and run multiple R session		H
Show History		Ctrl+4	Ctrl+4	Dismiss candidates	Esc	Esc	tune your resources to improve performance		
Show Files		Ctrl+5	Ctrl+5	Undo	Ctrl+Z	Cmd+Z	edit the same project at the same time as others		
Show Plots		Ctrl+6	Ctrl+6	Redo	Ctrl+Shift+Z	Cmd+Shift+Z			
Show Packages		Ctrl+7	Ctrl+7	Cut	Ctrl+X	Cmd+X	<ul> <li>see what you and others are doing on your server</li> <li>switch easily from one version of R to a different version</li> </ul>		
Show Environment		Ctrl+8	Ctrl+8	Сору	Ctrl+C	Cmd+C	•		
Show Git/SVN		Ctrl+9	Ctrl+9	Paste	Ctrl+V	Cmd+V	<ul> <li>integrate with your authenticatio</li> </ul>	n, authorization, a	and audit practices
Show Build		Ctrl+0	Ctrl+0	Select All	Ctrl+A	Cmd+A	Download a free 45 day evaluation		
2 RUN CODE		Windows/Linux	x Mac	Delete Line	Ctrl+D	Cmd+D	www.rstudio.com/products/rst	udio-server-pro	4
Search command his	torv	Ctrl+↑	Cmd+ <b>↑</b>	Select Select Word	Shift+[Arrow]	Shift+[Arrow]	5 DEBUG CODE	Windows/Li	nuv Mac
Navigate command hi	-	<b>↑/</b> ₩	<b>↑/</b> ₩	Select Word Select to Line Start	Ctrl+Shift+ <b>←/→</b> Alt+Shift+ <b>←</b>	Option+Shift+ <b>←/→</b> Cmd+Shift+ <b>←</b>	Toggle Breakpoint	Shift+F9	Shift+F9
Move cursor to start of		Home	Cmd+ <b>←</b>	Select to Line End	Alt+Shift+→	Cmd+Shift+→	Execute Next Line	F10	F10
Move cursor to end of		End	Cmd+→	Select to Eme End Select Page Up/Down	Shift+PageUp/Down	Shift+PageUp/Down	Step Into Function	Shift+F4	Shift+F4
Change working direct		Ctrl+Shift+H	Ctrl+Shift+H	Select to Start/End	Shift+Alt+ <b>↑/</b> ↓	Cmd+Shift+ <b>↑/</b> ↓	•	Shift+F6	Shift+F6
Interrupt current con		Esc	Esc	Delete Word Left	Ctrl+Backspace	Ctrl+Opt+Backspace	Finish Function/Loop Continue	Shift+F5	Shift+F5
Clear console		Ctrl+L	Ctrl+L	Delete Word Right	orr backspace	Option+Delete		Shift+F8	Shift+F8
Quit Session (desktop	only)	Ctrl+Q	Cmd+Q	Delete to Line End		Ctrl+K	Stop Debugging	Shirt+F8	SIIIL+F8
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Run from current to er		Ctrl+Alt+E	Cmd+Option+E	Yank line up to cursor	Ctrl+U	Ctrl+U	Scroll diff view	Ctrl+ <b>↑/</b> ↓	Ctrl+ <b>↑/</b> ◆
Run the current function	on	Ctrl+Alt+F	Cmd+Option+F	Yank line after cursor	Ctrl+K	Ctrl+K	Stage/Unstage (Git)	Spacebar	Spacebar
Source a file		Ctrl+Alt+G	Cmd+Option+G	Insert yanked text	Ctrl+Y	Ctrl+Y	Stage/Unstage and move to next		Enter
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3 NAVIGATE CODE Goto File/Function Fold Selected Unfold Selected Fold All Unfold All Go to line Jump to Switch to tab Previous tab Next tab First tab Last tab Navigate back Navigate forward	Ctrl+. Alt+L Shift+Al Alt+O Shift+Al Shift+Al Shift+Al Ctrl+Shi Ctrl+F12 Ctrl+Shi Ctrl+Shi Ctrl+F9 Ctrl+F9 Ctrl+F10	t+L	Accorder. Comd+Option+L Comd+Shift+Option+L Comd+Shift+Option+O Comd+Shift+Option+G Comd+Shift+Option+G Comd+Shift+Option+J Cord+Shift+Coption+J Cord+Shift+	Insert %>%  Show help for function Show source code New document New document (Chrome) Open document Save document Close document Close document Close document Close all documents Extract function Extract variable Reindent lines (Un)Comment lines Reflow Comment Reformat Selection	Ctrl+Shift+M F1 F2 Ctrl+Shift+N Ctrl+Alt+Shift+N Ctrl+O Ctrl+S Ctrl+W Ctrl+Alt+W Ctrl+Alt+W Ctrl+Alt+V Ctrl+Alt+X Ctrl+Alt+V Ctrl+Alt+V Ctrl+Shift+C Ctrl+Shift+C Ctrl+Shift+A Ctrl+Shift+A	Cmd+Shift+M F1 F2 Cmd+Shift+N Cmd+Shift+Opt+N Cmd+O Cmd+S Cmd+W Cmd+Option+W Cmd+Shift+W Cmd+Option+X Cmd+Option+V Cmd+I Cmd+Shift+C Cmd+Shift+C Cmd+Shift+A Ctrl+Shift+E	Build and Reload Load All (devtools) Test Package (Desktop) Test Package (Web) Check Package Document Package  B DOCUMENTS AND APPS Preview HTML (Markdown, etc.) Knit Document (knitr) Compile Notebook Compile PDF (TeX and Sweave) Insert chunk (Sweave and Knitr) Insert code section Re-run previous region Run current document	Ctrl+Shift+B Ctrl+Shift+L Ctrl+Shift+T Ctrl+Alt+F7 Ctrl+Shift+E Ctrl+Shift+D Windows/Linu Ctrl+Shift+K Ctrl+Shift+K Ctrl+Shift+K Ctrl+Shift+K Ctrl+Shift+K Ctrl+Shift+R Ctrl+Shift+R Ctrl+Shift+R Ctrl+Shift+P Ctrl+Alt+P	Cmd+Shift+B Cmd+Shift+L Cmd+Shift+T Cmd+Opt+F7 Cmd+Shift+E Cmd+Shift+D  WX Mac Cmd+Shift+K Cmd+Shift+K Cmd+Shift+K Cmd+Shift+K Cmd+Shift+R Cmd+Shift+R Cmd+Shift+R Cmd+Shift+P Cmd+Option+R
3 NAVIGATE CODE Goto File/Function Fold Selected Unfold Selected Fold All Unfold All Go to line Jump to Switch to tab Previous tab Next tab First tab Last tab Navigate back Navigate forward Jump to Brace	Ctrl+. Alt+L Shift+Al Alt+O Shift+Al Shift+Al Shift+Al Ctrl+Shi Ctrl+F12 Ctrl+Shi Ctrl+Shi Ctrl+F9 Ctrl+F10 Ctrl+F10 Ctrl+F10 Ctrl+Shi Ctrl+Shi	t+L	Accorder. Comd+Option+L Comd+Shift+Option+L Comd+Shift+Option+O Comd+Shift+Option+G Comd+Shift+Option+G Comd+Shift+Option+J Comd+Shift+Coption+J Comd+Shift+Coption+J Comd+Shift+Coption+J Comd+Shift+Coption+J Comd+Shift+Coption+J Comd+F10	Insert %>% Show help for function Show source code New document New document (Chrome) Open document Save document Close document Close document Close all documents Extract function Extract variable Reindent lines (Un)Comment lines Reflow Comment Reformat Selection Select within braces Show Diagnostics	Ctrl+Shift+M F1 F2 Ctrl+Shift+N Ctrl+Alt+Shift+N Ctrl+O Ctrl+S Ctrl+W Ctrl+Alt+W Ctrl+Alt+W Ctrl+Alt+V Ctrl+Alt+X Ctrl+Alt+V Ctrl+Alt+V Ctrl+Shift+C Ctrl+Shift+C Ctrl+Shift+A Ctrl+Shift+A	Cmd+Shift+M F1 F2 Cmd+Shift+N Cmd+Shift+Opt+N Cmd+O Cmd+S Cmd+W Cmd+Option+W Cmd+Option+X Cmd+Option+X Cmd+Option+V Cmd+I Cmd+Shift+C Cmd+Shift+C Cmd+Shift+A Ctrl+Shift+E Cmd+Shift+E Cmd+Shift+Dpt+P	Build and Reload Load All (devtools) Test Package (Desktop) Test Package (Web) Check Package Document Package  8 DOCUMENTS AND APPS Preview HTML (Markdown, etc.) Knit Document (knitr) Compile Notebook Compile PDF (TeX and Sweave) Insert chunk (Sweave and Knitr) Insert code section Re-run previous region Run current document Run from start to current line	Ctrl+Shift+B Ctrl+Shift+L Ctrl+Shift+T Ctrl+Alt+F7 Ctrl+Shift+E Ctrl+Shift+D Windows/Linu Ctrl+Shift+K Ctrl+Shift+K Ctrl+Shift+K Ctrl+Shift+K Ctrl+Shift+R Ctrl+Shift+R Ctrl+Shift+R Ctrl+Shift+R Ctrl+Shift+P Ctrl+Alt+B Ctrl+Alt+B	Cmd+Shift+B Cmd+Shift+L Cmd+Shift+T Cmd+Opt+F7 Cmd+Shift+E Cmd+Shift+D  WX Mac Cmd+Shift+K Cmd+Shift+K Cmd+Shift+K Cmd+Shift+K Cmd+Shift+R Cmd+Shift+R Cmd+Shift+R Cmd+Shift+P Cmd+Option+R Cmd+Option+B
3 NAVIGATE CODE Goto File/Function Fold Selected Unfold Selected Fold All Unfold All Go to line Jump to Switch to tab Previous tab Next tab First tab Last tab Navigate back Navigate forward Jump to Brace Select within Braces	Ctrl+. Alt+L Shift+Al Alt+O Shift+Al Shift+Al Shift+Al Ctrl+Shi Ctrl+F12 Ctrl+Shi Ctrl+Shi Ctrl+F9 Ctrl+F10 Ctrl+P	t+L	Accorder. Comd+Option+L Comd+Shift+Option+L Comd+Shift+Option+O Comd+Shift+Option+G Comd+Shift+Option+G Comd+Shift+Option+J Ctrl+Shift+. Ctrl+F11 Ctrl+F12 Ctrl+Shift+F11 Ctrl+Shift+F12 Cmd+F9 Cmd+F10 Ctrl+Shift+Option+E	Insert %>% Show help for function Show source code New document New document (Chrome) Open document Save document Close document Close document Close all documents Extract function Extract variable Reindent lines (Un)Comment lines Reflow Comment Reformat Selection Select within braces Show Diagnostics Transpose Letters	Ctrl+Shift+M F1 F2 Ctrl+Shift+N Ctrl+Alt+Shift+N Ctrl+O Ctrl+S Ctrl+W Ctrl+Alt+W Ctrl+Alt+W Ctrl+Alt+V Ctrl+Alt+X Ctrl+Alt+V Ctrl+Shift+C Ctrl+Shift+C Ctrl+Shift+A Ctrl+Shift+A Ctrl+Shift+E Ctrl+Shift+A	Cmd+Shift+M F1 F2 Cmd+Shift+N Cmd+Shift+Opt+N Cmd+O Cmd+S Cmd+W Cmd+Option+W Cmd+Shift+W Cmd+Option+X Cmd+Option+X Cmd+Option+V Cmd+Shift+C Cmd+Shift+C Cmd+Shift+C Cmd+Shift+C Cmd+Shift+A Ctrl+Shift+E Cmd+Shift+Dpt+P Ctrl+T	Build and Reload Load All (devtools) Test Package (Desktop) Test Package (Web) Check Package Document Package  8 DOCUMENTS AND APPS Preview HTML (Markdown, etc.) Knit Document (knitr) Compile Notebook Compile PDF (TeX and Sweave) Insert chunk (Sweave and Knitr) Insert code section Re-run previous region Run current document Run from start to current line Run the current code section	Ctrl+Shift+B Ctrl+Shift+L Ctrl+Shift+T Ctrl+Alt+F7 Ctrl+Shift+E Ctrl+Shift+D Windows/Line Ctrl+Shift+K Ctrl+Shift+K Ctrl+Shift+K Ctrl+Shift+K Ctrl+Shift+R Ctrl+Shift+R Ctrl+Shift+R Ctrl+Shift+P Ctrl+Alt+B Ctrl+Alt+B Ctrl+Alt+T	Cmd+Shift+B Cmd+Shift+L Cmd+Shift+T Cmd+Opt+F7 Cmd+Shift+E Cmd+Shift+D  WX Mac Cmd+Shift+K Cmd+Shift+K Cmd+Shift+K Cmd+Shift+K Cmd+Shift+R Cmd+Shift+R Cmd+Shift+R Cmd+Shift+P Cmd+Option+R Cmd+Option+B Cmd+Option+T
3 NAVIGATE CODE Goto File/Function Fold Selected Unfold Selected Fold All Unfold All Go to line Jump to Switch to tab Previous tab Next tab First tab Last tab Navigate back Navigate forward Jump to Brace Select within Braces Use Selection for Find	Ctrl+. Alt+L Shift+Al Alt+O Shift+Al Shift+Al Shift+Al Ctrl+Shi Ctrl+F12 Ctrl+Shi Ctrl+Shi Ctrl+F9 Ctrl+F10 Ctrl+F3 Ctrl+Shi Ctrl+Shi Ctrl+Shi Ctrl+Shi Ctrl+Shi Ctrl+Shi Ctrl+Shi Ctrl+Shi Ctrl+Shi	t+L	Accorder. Comd+Option+L Comd+Shift+Option+L Comd+Shift+Option+O Comd+Shift+Option+G Comd+Shift+Option+G Comd+Shift+Option+J Comd+Shift+Coption+J Comd+Shift+Coption+J Comd+Shift+Coption+J Comd+Shift+Coption+J Comd+Shift+Coption+J Comd+F10	Insert %>% Show help for function Show source code New document New document (Chrome) Open document Save document Close document Close document Close all documents Extract function Extract variable Reindent lines (Un)Comment lines Reflow Comment Reformat Selection Select within braces Show Diagnostics Transpose Letters Move Lines Up/Down	Ctrl+Shift+M F1 F2 Ctrl+Shift+N Ctrl+Alt+Shift+N Ctrl+O Ctrl+S Ctrl+W Ctrl+Alt+W Ctrl+Alt+W Ctrl+Alt+V Ctrl+Alt+V Ctrl+Alt+V Ctrl+Alt+V Ctrl+Shift+C Ctrl+Shift+C Ctrl+Shift+A Ctrl+Shift+A Ctrl+Shift+A	Cmd+Shift+M F1 F2 Cmd+Shift+N Cmd+Shift+Opt+N Cmd+O Cmd+S Cmd+W Cmd+Option+W Cmd+Shift+W Cmd+Option+X Cmd+Option+X Cmd+Option+V Cmd+I Cmd+Shift+C Cmd+Shift+C Cmd+Shift+C Cmd+Shift+A Ctrl+Shift+E Cmd+Shift+Dpt+P Ctrl+T Option+♠/◆	Build and Reload  Load All (devtools)  Test Package (Desktop)  Test Package (Web)  Check Package  Document Package  8 DOCUMENTS AND APPS  Preview HTML (Markdown, etc.)  Knit Document (knitr)  Compile Notebook  Compile PDF (TeX and Sweave)  Insert chunk (Sweave and Knitr)  Insert code section  Re-run previous region  Run current document  Run from start to current line  Run the current code section  Run previous Sweave/Rmd code	Ctrl+Shift+B Ctrl+Shift+L Ctrl+Shift+T Ctrl+Alt+F7 Ctrl+Shift+E Ctrl+Shift+D Windows/Line Ctrl+Shift+K Ctrl+Shift+K Ctrl+Shift+K Ctrl+Shift+K Ctrl+Shift+K Ctrl+Shift+R Ctrl+Shift+R Ctrl+Shift+R Ctrl+Shift+P Ctrl+Alt+B Ctrl+Alt+B Ctrl+Alt+P	Cmd+Shift+B Cmd+Shift+L Cmd+Shift+T Cmd+Opt+F7 Cmd+Shift+E Cmd+Shift+D  WX Mac Cmd+Shift+K Cmd+Shift+K Cmd+Shift+K Cmd+Shift+K Cmd+Shift+R Cmd+Shift+R Cmd+Shift+R Cmd+Shift+P Cmd+Option+B Cmd+Option+B Cmd+Option+P
3 NAVIGATE CODE Goto File/Function Fold Selected Unfold Selected Fold All Unfold All Go to line Jump to Switch to tab Previous tab Next tab First tab Last tab Navigate back Navigate forward Jump to Brace Select within Braces Use Selection for Find Find in Files	Ctrl+. Alt+L Shift+Al: Alt+O Shift+Al: Shift+Al: Shift+Al: Ctrl+Shi Ctrl+F12 Ctrl+Shi Ctrl+Shi Ctrl+F9 Ctrl+F10 Ctrl+F3 Ctrl+Shi	t+L	Accorder.  Comd+Option+L  Comd+Shift+Option+L  Comd+Shift+Option+O  Comd+Shift+Option+G  Comd+Shift+Option+J  Comd+Shift+Coption+J  Comd+Shift+Coption+J  Comd+Shift+Coption+J  Comd+Shift+Coption+J  Comd+Shift+Coption+J  Comd+Shift+F11  Comd+F10  Comd+F10  Comd+Shift+Coption+E  Comd+Shift+Coption+E  Comd+Shift+F	Insert %>% Show help for function Show source code New document New document (Chrome) Open document Save document Close document Close document (Chrome) Close all documents Extract function Extract variable Reindent lines (Un)Comment lines Reformat Selection Select within braces Show Diagnostics Transpose Letters Move Lines Up/Down Copy Lines Up/Down	Ctrl+Shift+M F1 F2 Ctrl+Shift+N Ctrl+Alt+Shift+N Ctrl+O Ctrl+S Ctrl+W Ctrl+Alt+W Ctrl+Alt+W Ctrl+Alt+V Ctrl+Alt+V Ctrl+Alt+V Ctrl+Shift+C Ctrl+Shift+C Ctrl+Shift+A Ctrl+Shift+A Ctrl+Shift+B Ctrl+Shift+A Ctrl+Shift+B Ctrl+Shift+B Ctrl+Shift+B Ctrl+Shift+A Ctrl+Shift+D Ctrl+Alt+Down	Cmd+Shift+M F1 F2 Cmd+Shift+N Cmd+Shift+Opt+N Cmd+O Cmd+S Cmd+W Cmd+Option+W Cmd+Option+X Cmd+Option+X Cmd+Option+V Cmd+Shift+C Cmd+Shift+C Cmd+Shift+C Cmd+Shift+A Ctrl+Shift+E Cmd+Shift+D Ctrl+T Option+↑/◆ Cmd+Option+∪p Ctrl+Option+Down	Build and Reload Load All (devtools) Test Package (Desktop) Test Package (Web) Check Package Document Package  8 DOCUMENTS AND APPS Preview HTML (Markdown, etc.) Knit Document (knitr) Compile Notebook Compile PDF (TeX and Sweave) Insert chunk (Sweave and Knitr) Insert code section Re-run previous region Run current document Run from start to current line Run the current code section Run previous Sweave/Rmd code Run the current chunk	Ctrl+Shift+B Ctrl+Shift+L Ctrl+Shift+T Ctrl+Alt+F7 Ctrl+Shift+E Ctrl+Shift+D Windows/Line Ctrl+Shift+K Ctrl+Shift+K Ctrl+Shift+K Ctrl+Shift+K Ctrl+Shift+K Ctrl+Shift+R Ctrl+Alt+I Ctrl+Shift+R Ctrl+Alt+B Ctrl+Alt+B Ctrl+Alt+B Ctrl+Alt+P Ctrl+Alt+C	Cmd+Shift+B Cmd+Shift+L Cmd+Shift+T Cmd+Opt+F7 Cmd+Shift+E Cmd+Shift+D  WX Mac Cmd+Shift+K Cmd+Shift+K Cmd+Shift+K Cmd+Shift+K Cmd+Shift+R Cmd+Shift+R Cmd+Shift+R Cmd+Shift+P Cmd+Option+R Cmd+Option+B Cmd+Option+T Cmd+Option+C
3 NAVIGATE CODE Goto File/Function Fold Selected Unfold Selected Fold All Unfold All Go to line Jump to Switch to tab Previous tab Next tab First tab Last tab Navigate back Navigate forward Jump to Brace Select within Braces Use Selection for Find Find in Files Find Next	Ctrl+. Alt+L Shift+Al Alt+O Shift+Al Shift+Al Shift+Al Ctrl+Shi Ctrl+F12 Ctrl+Shi Ctrl+Shi Ctrl+F9 Ctrl+F10 Ctrl+F3 Ctrl+Shi Ctrl+Shi Ctrl+Shi Ctrl+Shi Ctrl+Shi Ctrl+Shi Ctrl+Shi Ctrl+Shi Ctrl+Shi	t+L	Accorder. Cmd+Option+L Cmd+Shift+Option+L Cmd+Shift+Option+O Cmd+Shift+Option+G Cmd+Shift+Option+J Ctrl+Shift+. Ctrl+F11 Ctrl+F12 Ctrl+Shift+F11 Ctrl+Shift+F12 Cmd+F9 Cmd+F10 Ctrl+Shift+Option+E Cmd+Shift+F Cmd+G Cmd+Shift+F Cmd+G	Insert %>% Show help for function Show source code New document New document (Chrome) Open document Save document Close document Close document Close all documents Extract function Extract variable Reindent lines (Un)Comment lines Reflow Comment Reformat Selection Select within braces Show Diagnostics Transpose Letters Move Lines Up/Down Copy Lines Up/Down Add New Cursor Above	Ctrl+Shift+M F1 F2 Ctrl+Shift+N Ctrl+Alt+Shift+N Ctrl+O Ctrl+S Ctrl+W Ctrl+Alt+W Ctrl+Alt+W Ctrl+Alt+V Ctrl+Alt+V Ctrl+Alt+V Ctrl+Shift+C Ctrl+Shift+C Ctrl+Shift+A Ctrl+Shift+A Ctrl+Shift+B Ctrl+Shift+A Ctrl+Shift+B Ctrl+Shift+Alt+P  Alt+♠/♣ Shift+Alt+♠/♣ Ctrl+Alt+Up Ctrl+Alt+Down Ctrl+Alt+Shift+Up	Cmd+Shift+M F1 F2 Cmd+Shift+N Cmd+Shift+Opt+N Cmd+O Cmd+S Cmd+W Cmd+Option+W Cmd+Option+X Cmd+Option+X Cmd+Option+V Cmd+Shift+C Cmd+Shift+C Cmd+Shift+C Cmd+Shift+A Ctrl+Shift+E Cmd+Shift+A Ctrl+Shift+E Cmd+Shift+Opt+P Ctrl+T Option+♠/♣ Cmd+Option+♠/♣ Ctrl+Option+Down Ctrl+Option+Shift+Up	Build and Reload Load All (devtools) Test Package (Desktop) Test Package (Web) Check Package Document Package  8 DOCUMENTS AND APPS Preview HTML (Markdown, etc.) Knit Document (knitr) Compile Notebook Compile PDF (TeX and Sweave) Insert chunk (Sweave and Knitr) Insert code section Re-run previous region Run current document Run from start to current line Run the current code section Run previous Sweave/Rmd code Run the current chunk Run the next chunk	Ctrl+Shift+B Ctrl+Shift+L Ctrl+Shift+T Ctrl+Alt+F7 Ctrl+Shift+E Ctrl+Shift+D Windows/Linu Ctrl+Shift+K Ctrl+Shift+K Ctrl+Shift+K Ctrl+Shift+K Ctrl+Shift+R Ctrl+Shift+R Ctrl+Shift+P Ctrl+Alt+P Ctrl+Alt+B Ctrl+Alt+D Ctrl+Alt+P Ctrl+Alt+P Ctrl+Alt+C Ctrl+Alt+N	Cmd+Shift+B Cmd+Shift+L Cmd+Shift+T Cmd+Opt+F7 Cmd+Shift+E Cmd+Shift+B  Cmd+Shift+K Cmd+Shift+K Cmd+Shift+K Cmd+Shift+K Cmd+Shift+R Cmd+Shift+R Cmd+Shift+P Cmd+Option+R Cmd+Option+B Cmd+Option+T Cmd+Option+P Cmd+Option+C Cmd+Option+N
3 NAVIGATE CODE Goto File/Function Fold Selected Unfold Selected Fold All Unfold All Go to line Jump to Switch to tab Previous tab Next tab First tab Last tab Navigate back Navigate forward Jump to Brace Select within Braces Use Selection for Find Find in Files Find Next Find Previous Jump to Word Jump to Start/End	Ctrl+. Alt+L Shift+Al Alt+O Shift+Al Shift+Al Shift+Al Ctrl+Shi Ctrl+F12 Ctrl+F12 Ctrl+F9 Ctrl+F9 Ctrl+F3 Ctrl+F3 Ctrl+Shi Ctrl+F3 Ctrl+Shi Ctrl+F3 Ctrl+Shi Ctrl+F3 Ctrl+F4 Ctrl+Shi Win: F3, W: Shift- Ctrl+ ◆/ Ctrl+ ↑/	t+L	Accord+. Cmd+Option+L Cmd+Shift+Option+C Cmd+Shift+Option+O Cmd+Shift+Option+G Cmd+Shift+Option+J Ctrl+Shift+. Ctrl+F11 Ctrl+F12 Ctrl+Shift+F11 Ctrl+Shift+F12 Cmd+F9 Cmd+F10 Ctrl+P Ctrl+Shift+Option+E Cmd+Shift+G Cmd+Shift+G Option+	Insert %>% Show help for function Show source code New document New document (Chrome) Open document Save document Close document Close document Close all documents Extract function Extract variable Reindent lines (Un)Comment lines Reflow Comment Reformat Selection Select within braces Show Diagnostics Transpose Letters Move Lines Up/Down Copy Lines Up/Down Add New Cursor Above Add New Cursor Below Move Active Cursor Up Move Active Cursor Down	Ctrl+Shift+M F1 F2 Ctrl+Shift+N Ctrl+Alt+Shift+N Ctrl+O Ctrl+S Ctrl+W Ctrl+Alt+W Ctrl+Alt+W Ctrl+Alt+V Ctrl+Alt+V Ctrl+Alt+V Ctrl+Alt+V Ctrl+Shift+C Ctrl+Shift+C Ctrl+Shift+A Ctrl+Shift+A Ctrl+Shift+E Ctrl+Shift+A Ctrl+Shift+A Ctrl+Shift+D Alt+♠/♣ Shift+Alt+♠/♣ Ctrl+Alt+Down Ctrl+Alt+Down Ctrl+Alt+Shift+Up Ctrl+Alt+Shift+Down	Cmd+Shift+M F1 F2 Cmd+Shift+N Cmd+Shift+Opt+N Cmd+O Cmd+S Cmd+W Cmd+Option+W Cmd+Shift+W Cmd+Option+X Cmd+Option+V Cmd+I Cmd+Shift+C Cmd+Shift+C Cmd+Shift+C Cmd+Shift+A Ctrl+Shift+E Cmd+Shift+P Ctrl+T Option+↑/◆ Ctrl+Option+Down Ctrl+Option+Down Ctrl+Option+Shift+Up Ctrl+Opt+Shift+Down	Load All (devtools) Test Package (Desktop) Test Package (Web) Check Package Document Package  8 DOCUMENTS AND APPS Preview HTML (Markdown, etc.) Knit Document (knitr) Compile Notebook Compile PDF (TeX and Sweave) Insert chunk (Sweave and Knitr) Insert code section Re-run previous region Run current document Run from start to current line Run the current code section Run previous Sweave/Rmd code Run the current chunk Run the next chunk Sync Editor & PDF Preview	Ctrl+Shift+B Ctrl+Shift+L Ctrl+Shift+T Ctrl+Alt+F7 Ctrl+Shift+E Ctrl+Shift+D Windows/Line Ctrl+Shift+K Ctrl+Shift+K Ctrl+Shift+K Ctrl+Shift+K Ctrl+Shift+R Ctrl+Shift+R Ctrl+Shift+R Ctrl+Shift+P Ctrl+Alt+P Ctrl+Alt+B Ctrl+Alt+P Ctrl+Alt+P Ctrl+Alt+C Ctrl+Alt+N Ctrl+F8	Cmd+Shift+B Cmd+Shift+L Cmd+Shift+T Cmd+Opt+F7 Cmd+Shift+E Cmd+Shift+D  WX Mac Cmd+Shift+K Cmd+Shift+K Cmd+Shift+K Cmd+Shift+K Cmd+Shift+R Cmd+Shift+R Cmd+Shift+P Cmd+Shift+P Cmd+Option+B Cmd+Option+B Cmd+Option+T Cmd+Option+C Cmd+Option+C Cmd+Option+N Cmd+F8
3 NAVIGATE CODE Goto File/Function Fold Selected Unfold Selected Fold All Unfold All Go to line Jump to Switch to tab Previous tab Next tab First tab Last tab Navigate back Navigate forward Jump to Brace Select within Braces Use Selection for Find Find in Files Find Next Find Previous Jump to Word	Ctrl+. Alt+L Shift+Al: Alt+O Shift+Al: Shift+Al: Shift+Al: Ctrl+Shi Ctrl+F1: Ctrl+F1: Ctrl+F9 Ctrl+F1: Ctrl+F3 Ctrl+Shi Ctrl+F3 Ctrl+Shi Ctrl+Shi Ctrl+F3 Ctrl+Shi Ctrl+F3 Ctrl+Shi Ctrl+Shi Ctrl+Shi Ctrl+Shi Ctrl+Shi Ctrl+Shi Ctrl+Shi Ctrl+Shi Ctrl+Shi	t+L	Accomd+Option+L Cmd+Shift+Option+L Cmd+Shift+Option+O Cmd+Shift+Option+G Cmd+Shift+Option+G Cmd+Shift+Coption+J Ctrl+Shift+. Ctrl+F11 Ctrl+F12 Ctrl+Shift+F11 Ctrl+Shift+F12 Cmd+F9 Cmd+F10 Ctrl+P Ctrl+Shift+Option+E Cmd+Shift+F Cmd+G Cmd+Shift+F Cmd+G Cmd+Shift+G Option+ ◆/→	Insert %>% Show help for function Show source code New document New document (Chrome) Open document Save document Close document Close document Close all documents Extract function Extract variable Reindent lines (Un)Comment lines Reformat Selection Select within braces Show Diagnostics Transpose Letters Move Lines Up/Down Copy Lines Up/Down Add New Cursor Above Add New Cursor Below Move Active Cursor Up	Ctrl+Shift+M F1 F2 Ctrl+Shift+N Ctrl+Alt+Shift+N Ctrl+O Ctrl+S Ctrl+W Ctrl+Alt+W Ctrl+Alt+W Ctrl+Alt+V Ctrl+Alt+V Ctrl+Alt+V Ctrl+Shift+C Ctrl+Shift+C Ctrl+Shift+A Ctrl+Shift+A Ctrl+Shift+B Ctrl+Shift+A Ctrl+Shift+B Ctrl+Shift+Alt+P  Alt+♠/♣ Shift+Alt+♠/♣ Ctrl+Alt+Up Ctrl+Alt+Down Ctrl+Alt+Shift+Up	Cmd+Shift+M F1 F2 Cmd+Shift+N Cmd+Shift+Opt+N Cmd+O Cmd+S Cmd+W Cmd+Option+W Cmd+Option+X Cmd+Option+X Cmd+Option+V Cmd+Shift+C Cmd+Shift+C Cmd+Shift+C Cmd+Shift+A Ctrl+Shift+E Cmd+Shift+A Ctrl+Shift+E Cmd+Shift+Opt+P Ctrl+T Option+♠/♣ Cmd+Option+♠/♣ Ctrl+Option+Down Ctrl+Option+Shift+Up	Build and Reload Load All (devtools) Test Package (Desktop) Test Package (Web) Check Package Document Package  8 DOCUMENTS AND APPS Preview HTML (Markdown, etc.) Knit Document (knitr) Compile Notebook Compile PDF (TeX and Sweave) Insert chunk (Sweave and Knitr) Insert code section Re-run previous region Run current document Run from start to current line Run the current code section Run previous Sweave/Rmd code Run the current chunk Run the next chunk	Ctrl+Shift+B Ctrl+Shift+L Ctrl+Shift+T Ctrl+Alt+F7 Ctrl+Shift+E Ctrl+Shift+D Windows/Linu Ctrl+Shift+K Ctrl+Shift+K Ctrl+Shift+K Ctrl+Shift+K Ctrl+Shift+R Ctrl+Shift+R Ctrl+Alt+I Ctrl+Shift+P Ctrl+Alt+B Ctrl+Alt+B Ctrl+Alt+D Ctrl+Alt+C Ctrl+Alt+C Ctrl+Alt+N Ctrl+Shift+R Ctrl+Alt+N Ctrl+Alt+N Ctrl+Alt+N Ctrl+Alt+N	Cmd+Shift+B Cmd+Shift+L Cmd+Shift+T Cmd+Opt+F7 Cmd+Shift+E Cmd+Shift+B  Cmd+Shift+K Cmd+Shift+K Cmd+Shift+K Cmd+Shift+K Cmd+Shift+R Cmd+Shift+R Cmd+Shift+P Cmd+Option+P Cmd+Option+P Cmd+Option+P Cmd+Option+C Cmd+Option+N

Ctrl+Shift+J

Replace and Find



Cmd+Shift+J

Show Keyboard Shortcuts

Option+Shift+K

Alt+Shift+K

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