

RStudio Tour



The Data Scientist's Toolbox

RStudio

File Edit Code View Plots Session Build Debug Profile Tools Help

Go to file/function Addins

Project: (None)

Environment History Connections Presentation

Global Environment

Environment is empty

Files Plots Packages Help Viewer

Zoom Export

1

Run Source

Source on Save

1:1 (Top Level) R Script

Console Terminal

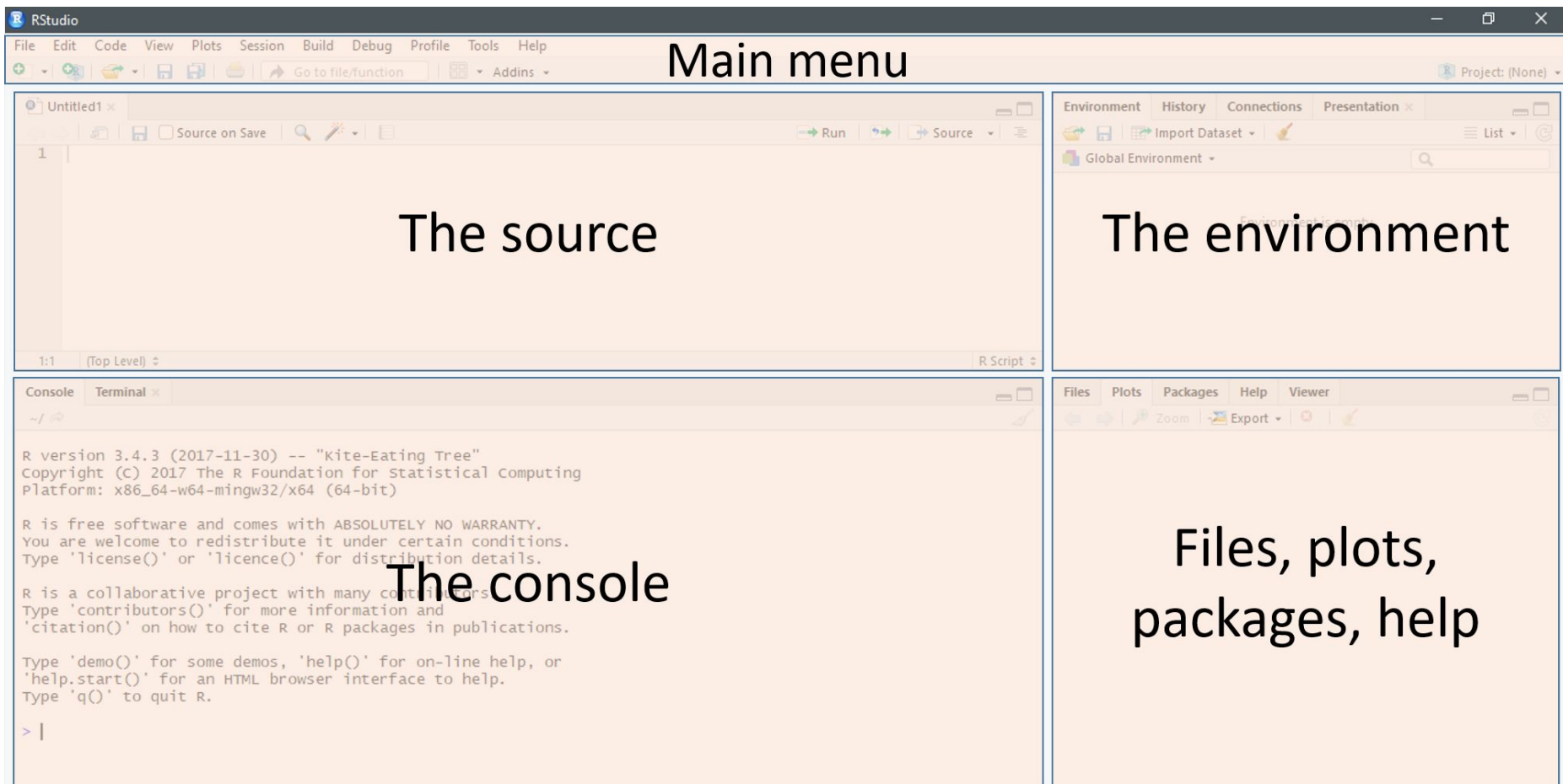
```
R version 3.4.3 (2017-11-30) -- "Kite-Eating Tree"
Copyright (C) 2017 The R Foundation for Statistical Computing
Platform: x86_64-w64-mingw32/x64 (64-bit)

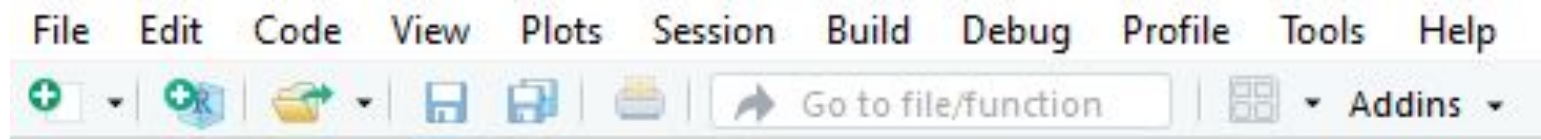
R is free software and comes with ABSOLUTELY NO WARRANTY.
You are welcome to redistribute it under certain conditions.
Type 'license()' or 'licence()' for distribution details.

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.

> |
```





New file

New project

Open file

Change panel
organization

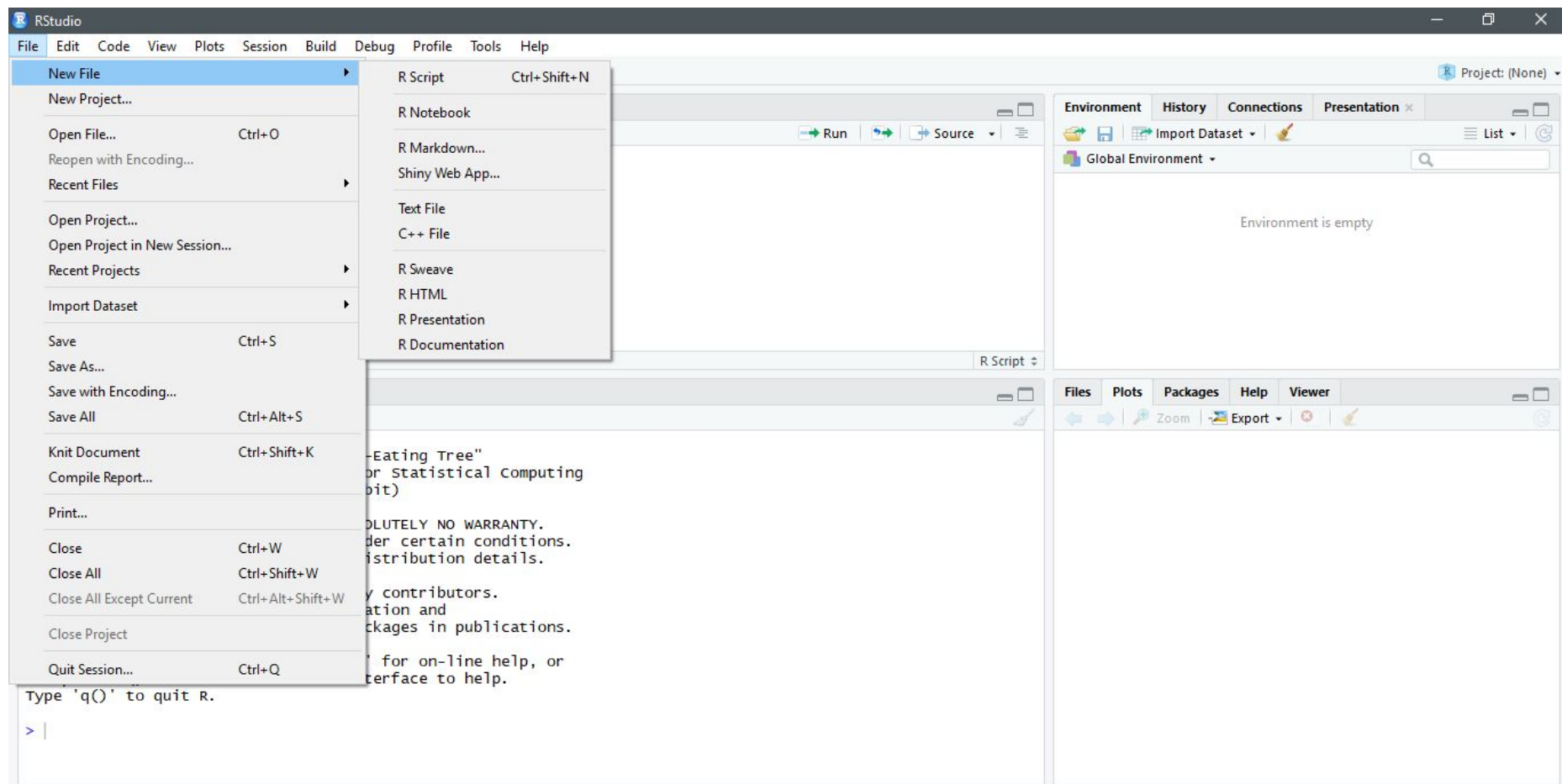


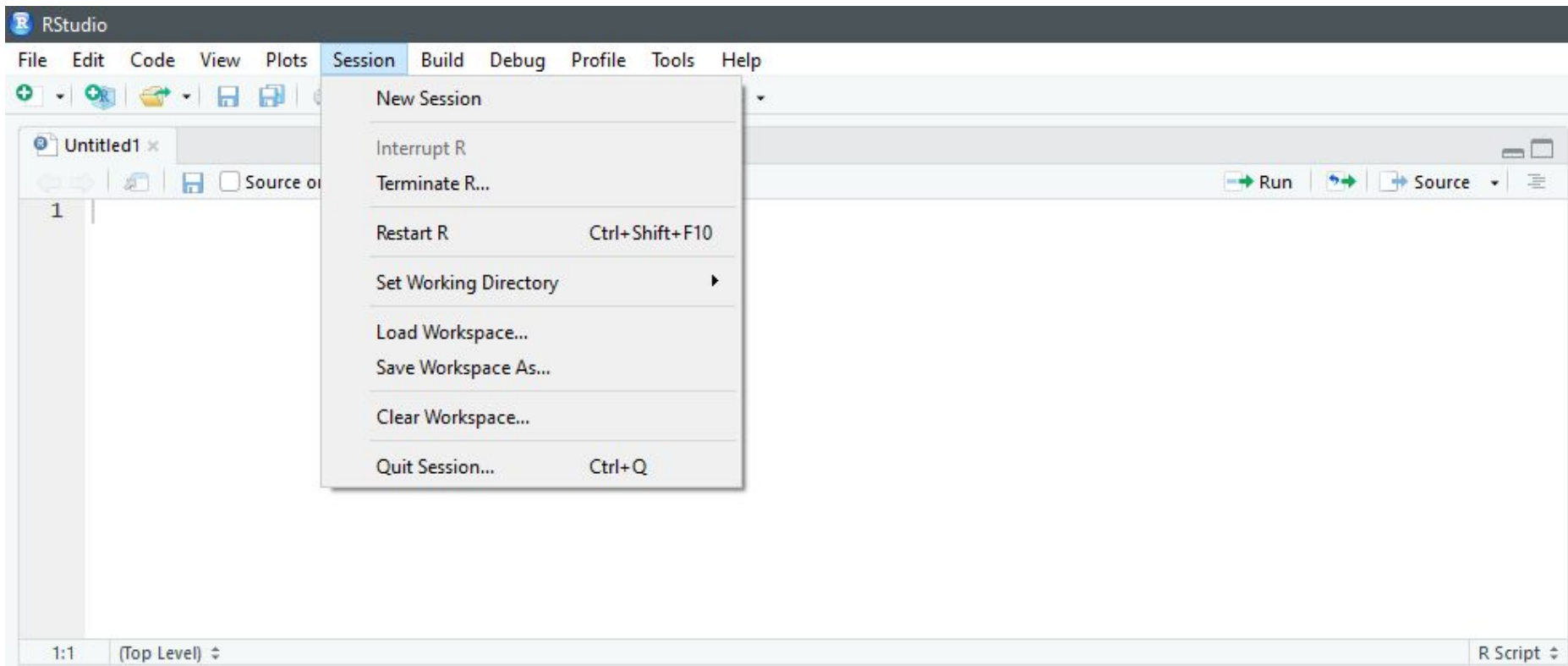
Save file

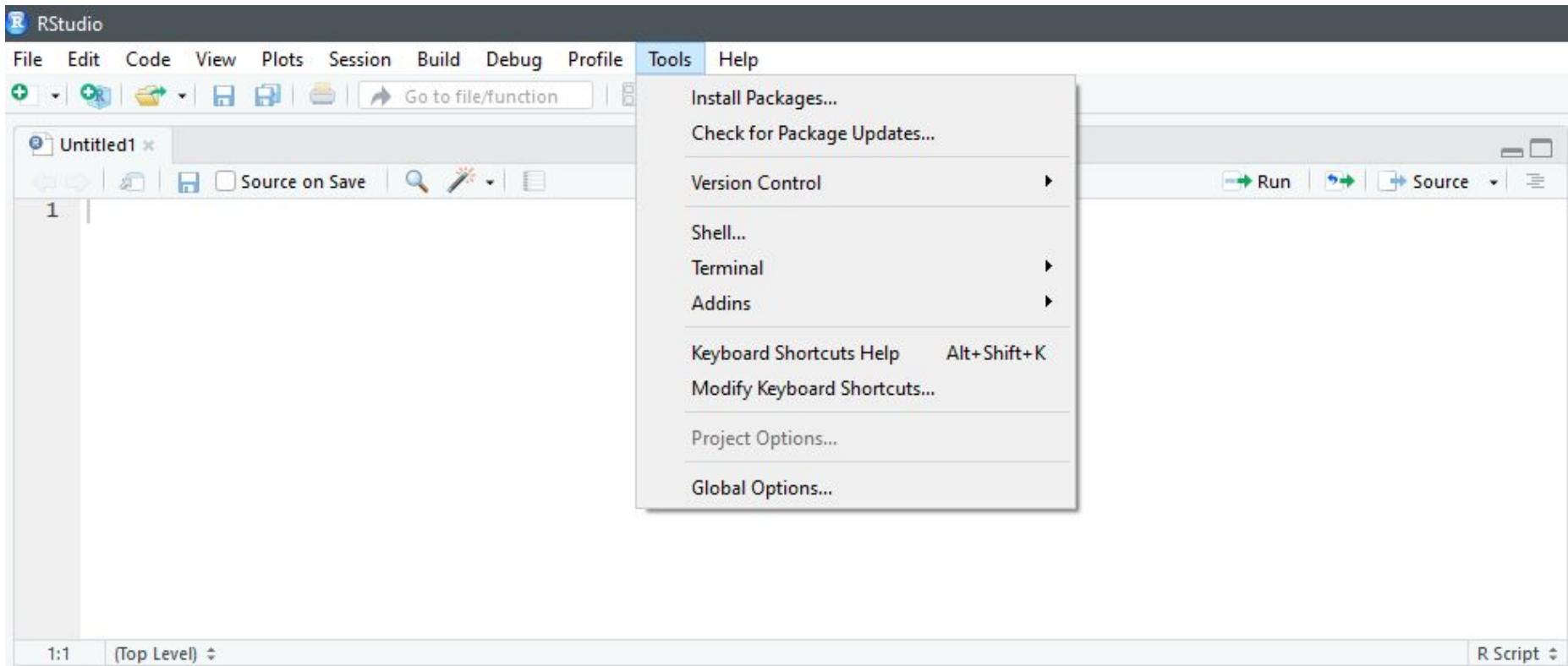
Save all
open files

Print file









Rterm (64-bit)

```
R version 3.4.3 (2017-11-30) -- "Kite-Eating Tree"
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Platform: x86_64-w64-mingw32/x64 (64-bit)

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  Natural language support but running in an English locale

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'help.start()' for an HTML browser interface to help.
Type 'q()' to quit R.

> _
```

Console Terminal x

```
~/ |
```

```
R version 3.4.3 (2017-11-30) -- "Kite-Eating Tree"
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Platform: x86_64-w64-mingw32/x64 (64-bit)

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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.

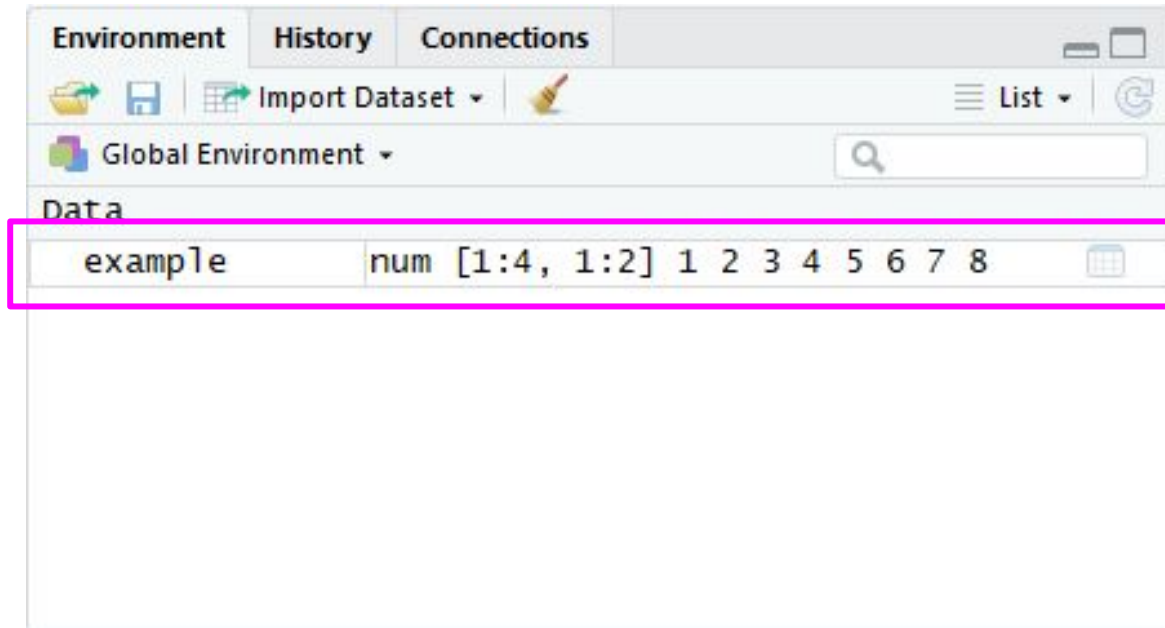
> |
```


ConsoleTerminal x

~/

> 1 + 1
[1] 2
> |

```
example <- matrix(c(1, 2, 3, 4, 5, 6, 7, 8), nrow = 4, ncol = 2)
```



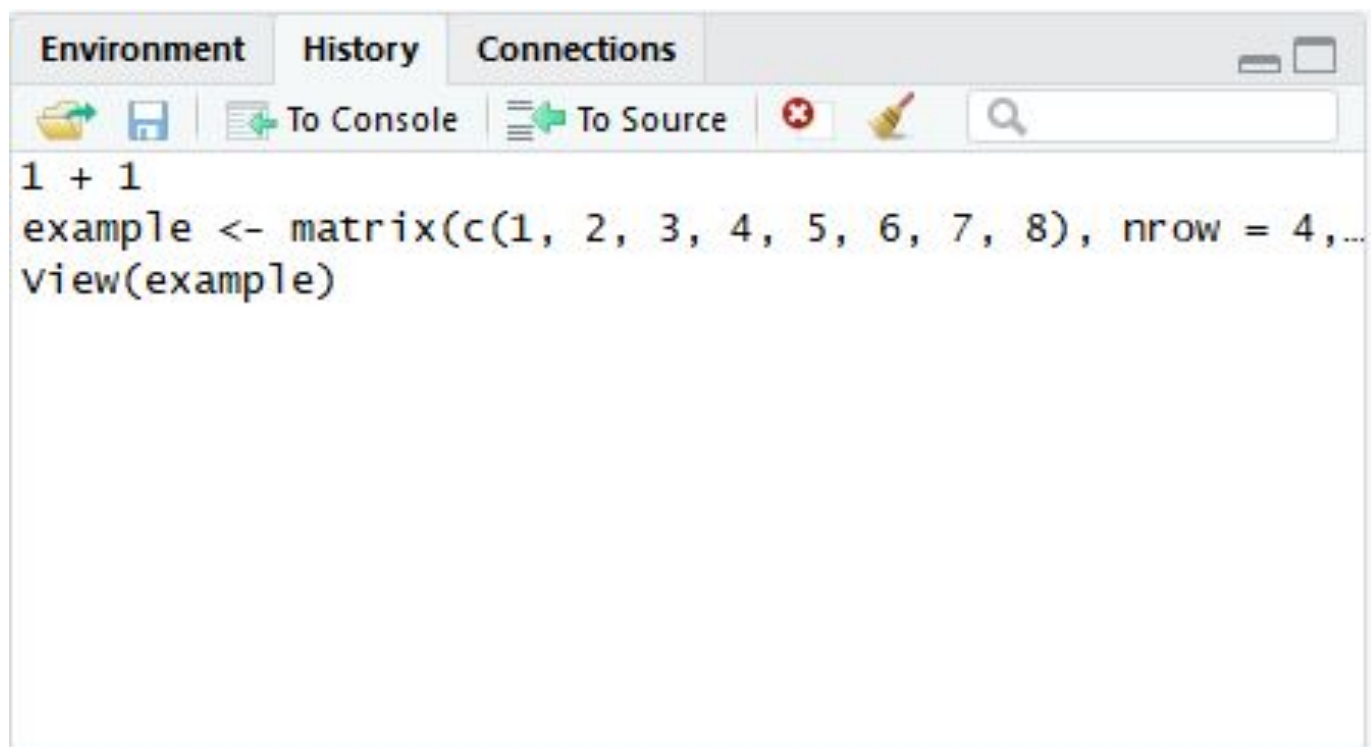
Untitled1* x example x

← → ↺

Filter

1	1	5
2	2	6
3	3	7
4	4	8

Showing 1 to 4 of 4 entries



The image shows a screenshot of the RStudio interface, specifically the console window. The top of the window has three tabs: "Environment", "History", and "Connections". Below the tabs is a toolbar with icons for file operations (a folder with a green arrow, a floppy disk), a "To Console" button (a document with a green arrow), a "To Source" button (a document with a green arrow), a red "X" icon, a brush icon, and a search bar. The console area contains the following R code:

```
1 + 1  
example <- matrix(c(1, 2, 3, 4, 5, 6, 7, 8), nrow = 4,...  
view(example)
```

The screenshot displays the RStudio environment. The main script editor on the left contains the following R code:


```
1 example <- matrix(c(1, 2, 3, 4, 5, 6, 7, 8), nrow = 4, ncol = 2)
2 |
```

The right-hand pane is divided into three tabs: "Environment", "History", and "Connections". The "Connections" tab is active, and the "To Source" button, which features a green arrow icon, is highlighted with a pink rectangular box. Below the tabs, the console area shows the execution history:

```
1 + 1
example <- matrix(c(1, 2, 3, 4, 5, 6, 7, 8), nrow = 4,
ncol = 2)
view(example)
```

At the bottom of the RStudio window, the status bar indicates the cursor is at line 2:1 and the file is at the top level, with the current file named "R Script".





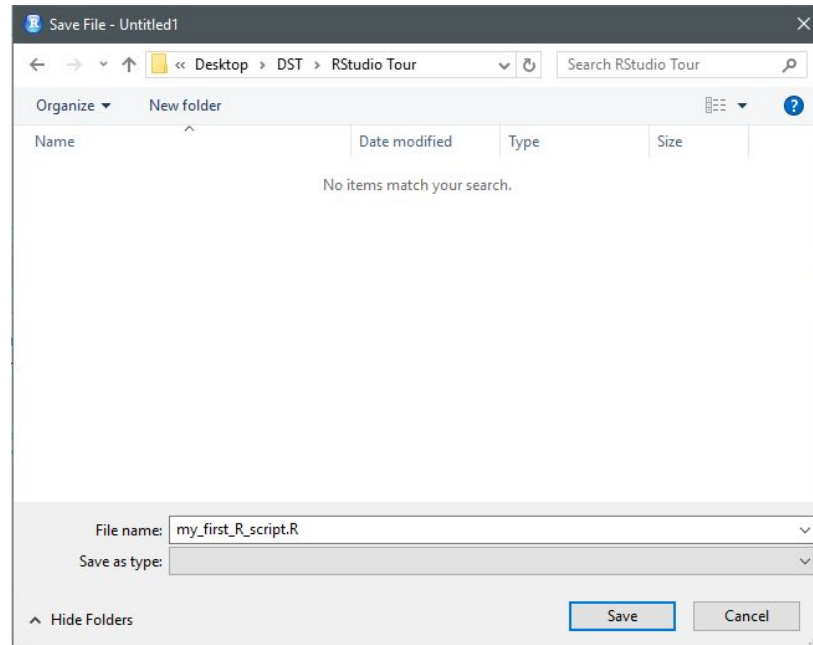
The image shows the RStudio interface. The top-left pane is the Source Editor, containing an R script with two lines of code: `1 example <- matrix(c(1, 2, 3, 4, 5, 6, 7, 8), nrow = 4, ncol = 2)` and `2` followed by a cursor. A pink square highlights the 'Save' icon in the toolbar above the editor. The top-right pane shows the Environment, History, and Connections tabs. The History tab is active, displaying the execution of the script: `1 + 1`, `example <- matrix(c(1, 2, 3, 4, 5, 6, 7, 8), nrow = 4, ncol = 2)`, and `View(example)`. The bottom status bar indicates the cursor is at line 2, column 1, and the file is an R Script.

```
1 example <- matrix(c(1, 2, 3, 4, 5, 6, 7, 8), nrow = 4, ncol = 2)
2
```

Environment History Connections

1 + 1
example <- matrix(c(1, 2, 3, 4, 5, 6, 7, 8), nrow = 4, ncol = 2)
View(example)

2:1 (Top Level) R Script



The image shows a 'Save File - Untitled1' dialog box. The file path is set to 'Desktop > DST > RStudio Tour'. The search bar contains 'Search RStudio Tour'. The file name is 'my_first_R_script.R' and the save type is 'R script (*.R)'. The 'Save' button is highlighted.

Save File - Untitled1

Desktop > DST > RStudio Tour

Search RStudio Tour

Organize New folder

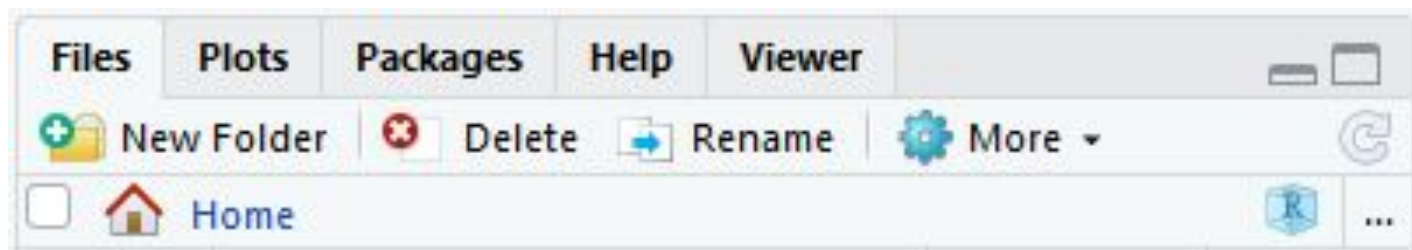
Name Date modified Type Size

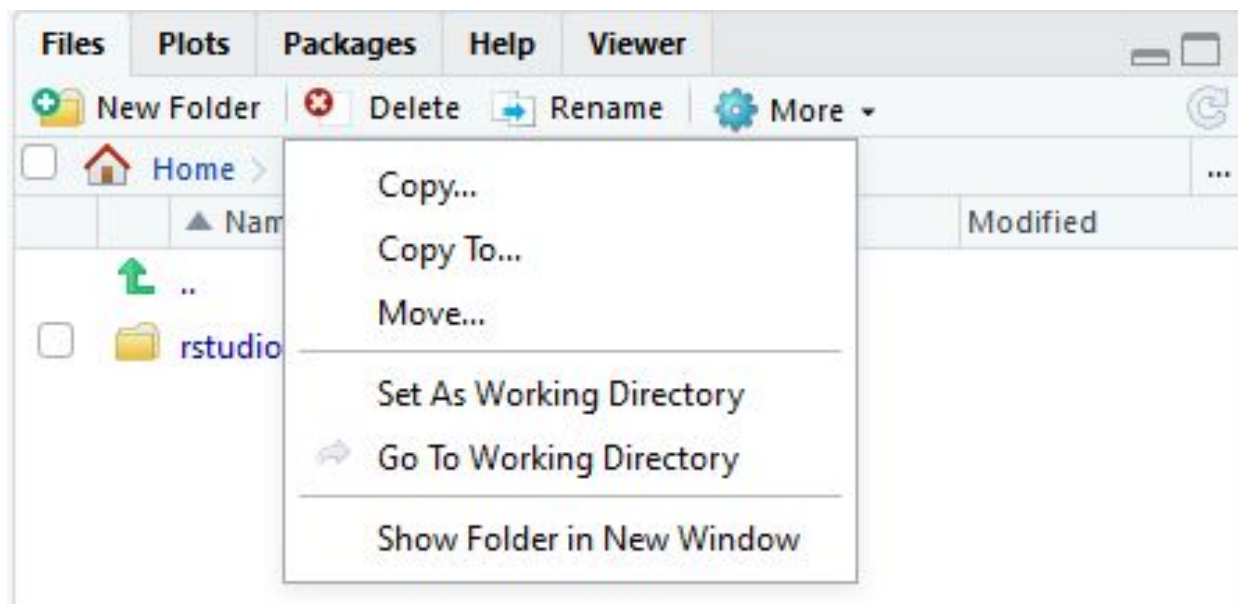
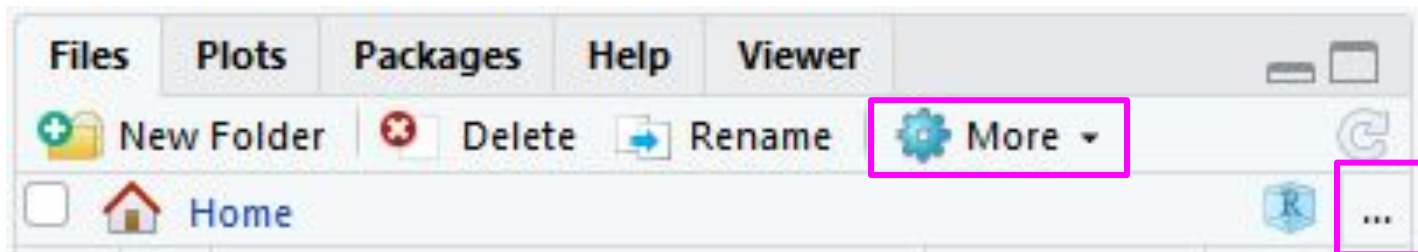
No items match your search.

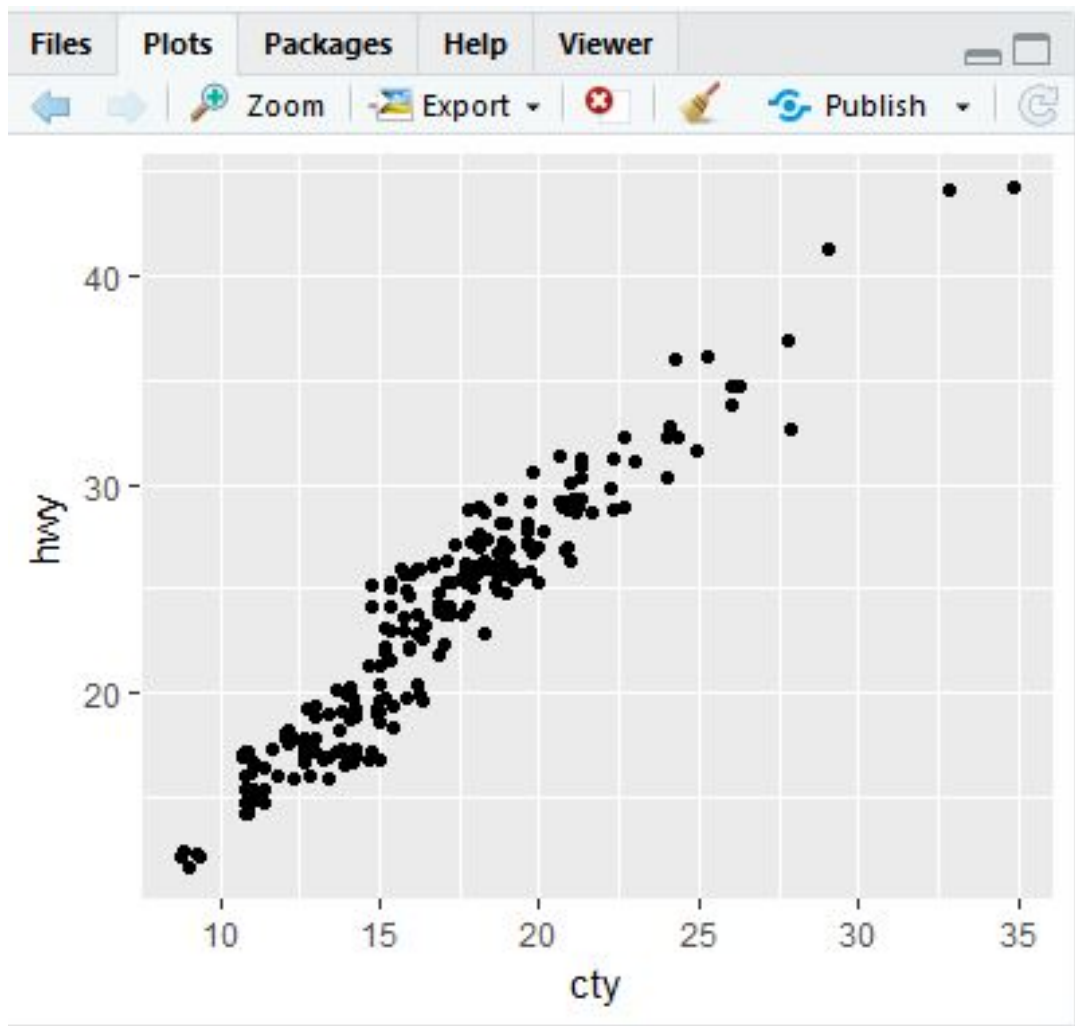
File name: my_first_R_script.R


















Save as type: R script (*.R)

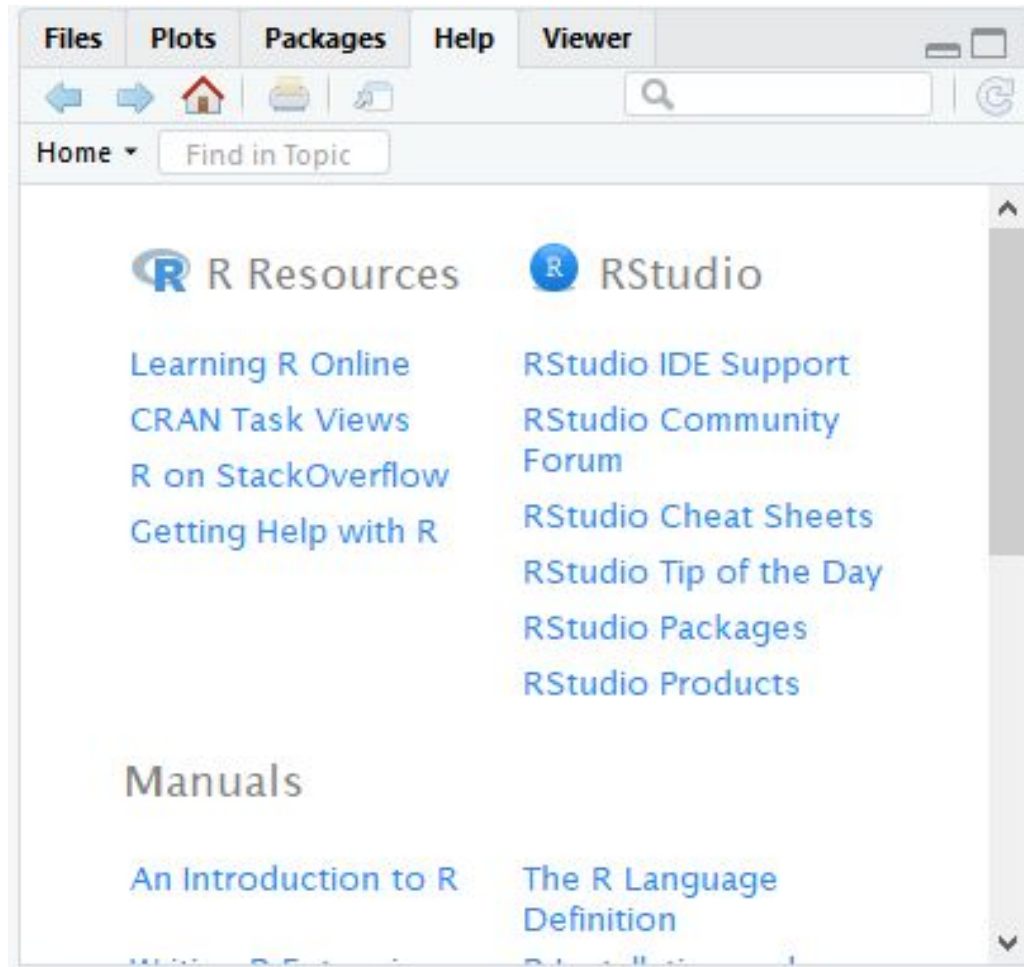
Hide Folders Save Cancel







Files	Plots	Packages	Help	Viewer		
 Install	 Update	 Packrat	<input type="text"/>			
	Name	Description	Versi...			
User Library						
<input type="checkbox"/>	abind	Combine Multidimensional Arrays	1.4-5			
<input type="checkbox"/>	acepack	ACE and AVAS for Selecting Multiple Regression Transformations	1.4.1			
<input type="checkbox"/>	ade4	Analysis of Ecological Data : Exploratory and Euclidean Methods in Environmental Sciences	1.7-8			
<input type="checkbox"/>	Annotation...	Annotation Database Interface	1.36.2			
<input type="checkbox"/>	ari	Automated R Instructor	0.1.0			
<input type="checkbox"/>	assertthat	Easy Pre and Post Assertions	0.2.0			
<input type="checkbox"/>	aws.iam	AWS IAM Client Package	0.1.7			
<input type="checkbox"/>	aws.polly	Client for AWS Polly	0.1.2			
<input type="checkbox"/>	aws.s3	AWS S3 Client Package	0.3.3			
<input type="checkbox"/>	aws.signature	Amazon Web Services Request Signatures	0.3.5			
<input type="checkbox"/>	backports	Reimplementations of Functions	1.1.1			



Summarizing: RStudio Tour



The Data Scientist's Toolbox