Creating and Previewing Markdown Files in RStudio

Organizing Data Science Projects

| New File | | ins ▾ | | R 3.4.3 ▾ |

	R Script	⇧⌥⌘N
Open File...	⌘C	R Notebook
Recent Files		R Markdown...
Import Dataset		Shiny Web App...
Save	⌘S	Text File
Save As...		C++ File
Save All	⌥⌘S	R Sweave
Print...		R HTML
Close	⌥⌘W	R Presentation
Close All	⇧⌘W	R Documentation
Close All Except Current	⇧⌥⌘W	

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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.

> |

Environment **History** **Connections**

Import Dataset ▾ | List ▾

Global Environment ▾

Environment is empty

Files **Plots** **Packages** **Help** **Viewer**

New Folder | Upload | Delete | Rename | More ▾

☐ 🏠 | Home ▸ project

	▲ Name	Size	Modified
	..		
☐	project.Rproj	205 B	Feb 28, 2018, 8:42 PM

File   Edit   Code   View   Plots   Session   Build   Debug   Profile   Tools   Help

R 3.4.3

Untitled1* ×

```
1   # Weekly Report
2
3   ## Task List
4
5   - Read in data
6   - Summarize variables present in the dataset
7   |
```

7:1   Text File

Environment   History   Connections

Import Dataset

Global Environment

Environment is empty

Files   Plots   Packages   Help   Viewer

New Folder   Upload   Delete   Rename   More

Home > project

	Name	Size	Modified
	..		
	project.Rproj	205 B	Feb 28, 2018, 8:42 PM

Console   Terminal ×

~/project/

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File Edit Code View Plots Session Build Debug Profile Tools Help

New File ▶
Open File... ⌘O
Reopen with Encoding...
Recent Files ▶

Import Dataset ▶

💾 Save ⌘S
Save As...
Save with Encoding...
💾 Save All ⌥⌘S

🖨 Print...

Close ⌥⌘W
Close All ⇧⌘W
Close All Except Current ⇧⌥⌘W

/function | ⊞ ▾ Addins ▾ | R 3.4.3 ▾

: in the dataset

7:1 | Text File ⬍
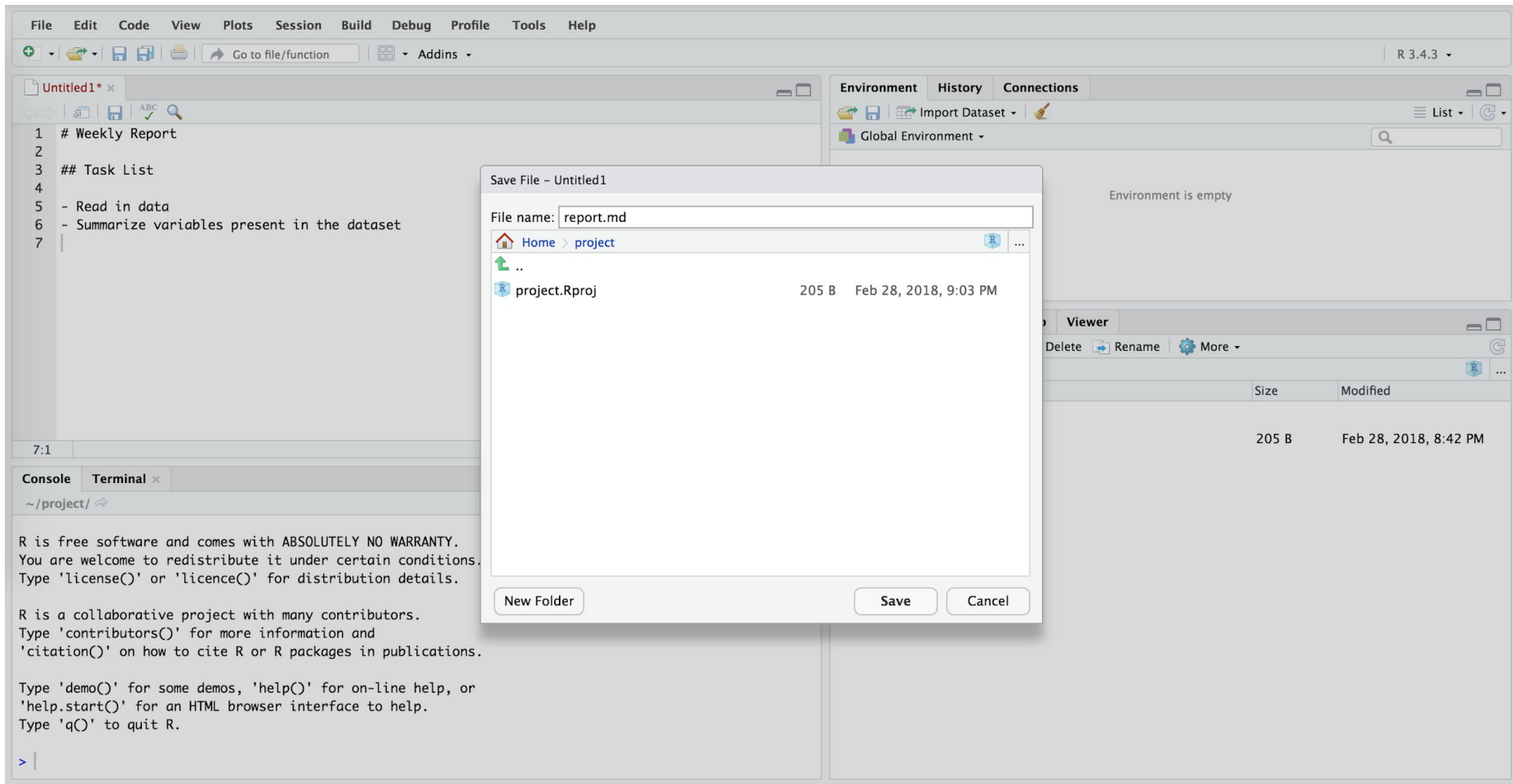
Console Terminal ✕

~/project/ ⬀

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Environment History Connections

📂 💾 | 🗒 Import Dataset ▾ 🧹 | ☰ List ▾ | ⟳ ▾

🌐 Global Environment ▾

Environment is empty

Files Plots Packages Help Viewer

📁 New Folder 📤 Upload ⊗ Delete 🖊 Rename 🔧 More ▾

☐ 🏠 Home › project

☐ ▲ Name | Size | Modified
⬆ ..
☐ 📄 project.Rproj | 205 B | Feb 28, 2018, 8:42 PM

File Edit Code View Plots Session Build Debug Profile Tools Help

R 3.4.3

Untitled1* ×

```
1  # Weekly Report
2
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4
5  - Read in data
6  - Summarize variables present in the dataset
7  |
```

7:1

Environment History Connections

Import Dataset

Global Environment

Environment is empty

Save File – Untitled1

File name: report.md

Home > project

..

project.Rproj   205 B   Feb 28, 2018, 9:03 PM

Viewer

Delete   Rename   More

Size   Modified

205 B   Feb 28, 2018, 8:42 PM

New Folder   Save   Cancel

Console   Terminal ×

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R 3.4.3

report.md

Preview

Insert   Run

```
1   # Weekly Report
2
3   ## Task List
4
5   - Read in data
6   - Summarize variables present in the dataset
7
```

7:1

Markdown

Environment   History   Connections

Import Dataset

List

Global Environment

Environment is empty

Files   Plots   Packages   Help   Viewer

New Folder   Upload   Delete   Rename   More

Home › project

	Name	Size	Modified
	..		
	project.Rproj	205 B	Feb 28, 2018, 8:42 PM
	report.md	91 B	Feb 28, 2018, 9:09 PM

Console   Terminal

~/project/

```
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>
```

R 3.4.3

report.md

Preview

Preview HTML
Preview PDF
Preview Word
Clear Knitr Cache...

Insert   Run

```
1  # Weekl
2
3  ## Task
4
5  - Read
6  - Summa              n the dataset
7
```

Markdown

Environment   History   Connections

Import Dataset   List

Global Environment

Environment is empty

Files   Plots   Packages   Help   Viewer

New Folder   Upload   Delete   Rename   More

Home > project

	Name	Size	Modified
	..		
	project.Rproj	205 B	Mar 1, 2018, 3:20 PM
	report.md	91 B	Mar 1, 2018, 3:21 PM

Console   Terminal

~/project/

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Weekly Report

Task List

- Read in data
- Summarize variables present in the dataset

New File

R Script   ⇧⌥⌘N

Open File...   ⌘O

R Notebook

Recent Files

R Markdown...

Import Dataset

Shiny Web App...

Save   ⌘S

Text File

Save As...

C++ File

Save All   ⌥⌘S

Print...

R Sweave

R HTML

Close   ⌥⌘W

R Presentation

Close All   ⇧⌘W

R Documentation

Close All Except Current   ⇧⌥⌘W

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R 3.4.3   ⏷

Environment   History   Connections

Import Dataset   ⏷   List ⏷

Global Environment ⏷

Environment is empty

Files   Plots   Packages   Help   Viewer

New Folder   Upload   Delete   Rename   More ⏷

Home > project

	Name	Size	Modified
	..		
	project.Rproj	205 B	Mar 1, 2018, 2:29 PM
	report.md	91 B	Feb 28, 2018, 9:09 PM

R 3.4.3 ▾

Go to file/function   Addins ▾

Console   **Terminal** ×

~/project/ ↗

```
R version 3.4.3 (2017-11-30) -- "Kite-Eating Tree"
Copyright (C) 2017 The R Foundation for Statistical Computing
Platform: x86_64-pc-linux-gnu (64-bit)

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```

Environment   **History**   **Connections**

Import Dataset ▾

Global Environment ▾

Environment is empty

Viewer

ete   Rename   More ▾

	Size	Modified
	205 B	Mar 1, 2018, 2:29 PM
	91 B	Feb 28, 2018, 9:09 PM

New R Markdown

- Document
- Presentation
- Shiny
- From Template

Title: Data Setup

Author: My Name

Default Output Format:

○ HTML

Recommended format for authoring (you can switch to PDF or Word output anytime).

⦿ PDF

PDF output requires TeX (MiKTeX on Windows, MacTeX 2013+ on OS X, TeX Live 2013+ on Linux).

○ Word

Previewing Word documents requires an installation of MS Word (or Libre/Open Office on Linux).

OK   Cancel

Untitled1

Knit   Insert   Run

```
1  ---
2  title: "Data Setup"
3  author: "My Name"
4  date: "3/1/2018"
5  output: pdf_document
6  ---
7
8  ```{r setup, include=FALSE}
9  knitr::opts_chunk$set(echo = TRUE)
10  ```
11
12  ## R Markdown
13
14  This is an R Markdown document. Markdown is a simple formatting syntax for authoring HTML, PDF,
   and MS Word documents. For more details on using R Markdown see <http://rmarkdown.rstudio.com>.
15
16  When you click the **Knit** button a document will be generated that includes both content as
```

2:1   Data Setup   R Markdown

Environment   History   Connections

Import Dataset   List

Global Environment

Environment is empty

Files   Plots   Packages   Help   Viewer

New Folder   Upload   Delete   Rename   More

Home › project

		Name	Size	Modified
		..		
		project.Rproj	205 B	Mar 1, 2018, 2:29 PM
		report.md	91 B	Feb 28, 2018, 9:09 PM

Console   Terminal

~/project/

```
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```

Untitled1 ✕

Knit ▾

Insert ▾   Run ▾

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    and MS Word documents. For more details on using R Ma
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```

2:1   Data Setup ▾

Environment   **History**   **Connections**

Import Dataset ▾

List ▾

Global Environment ▾

Environment is empty

Viewer

Delete   Rename   More ▾

Size   Modified

205 B   Mar 1, 2018, 2:29 PM
91 B   Feb 28, 2018, 9:09 PM

Save File – Untitled1

File name: code_report

🏠 Home › project

..

📄 project.Rproj   205 B   Mar 1, 2018, 2:29 PM
📄 report.md   91 B   Feb 28, 2018, 9:09 PM

New Folder   Save   Cancel

Console   **Terminal** ✕

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File   Edit   Code   View   Plots   Session   Bui

Go to file/function

code_report.Rmd ✕

ABC   Knit ▾   ⚙ ▾

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