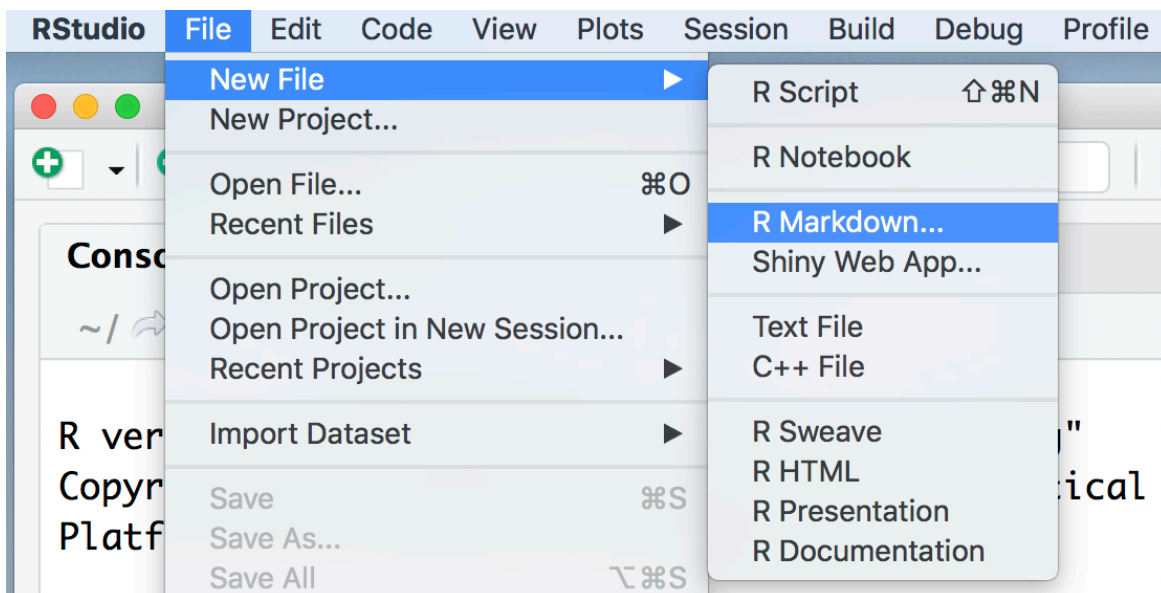# **R Markdown**

Tin Hoang

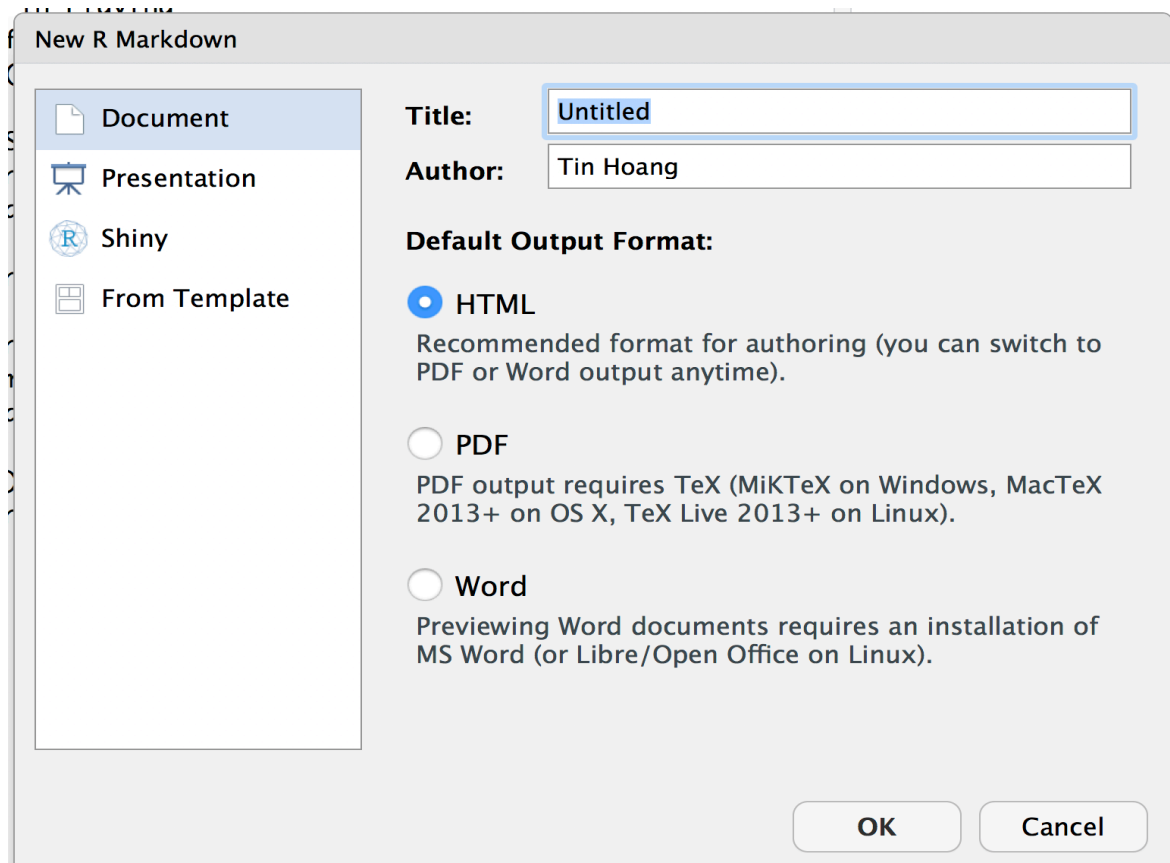Install R Markdown if you don't have it by typing this command in your R Console

```
install.packages("rmarkdown")
```

Once the installation is completed, you are ready to use R Markdown. Below are the steps to start an R Markdown file:
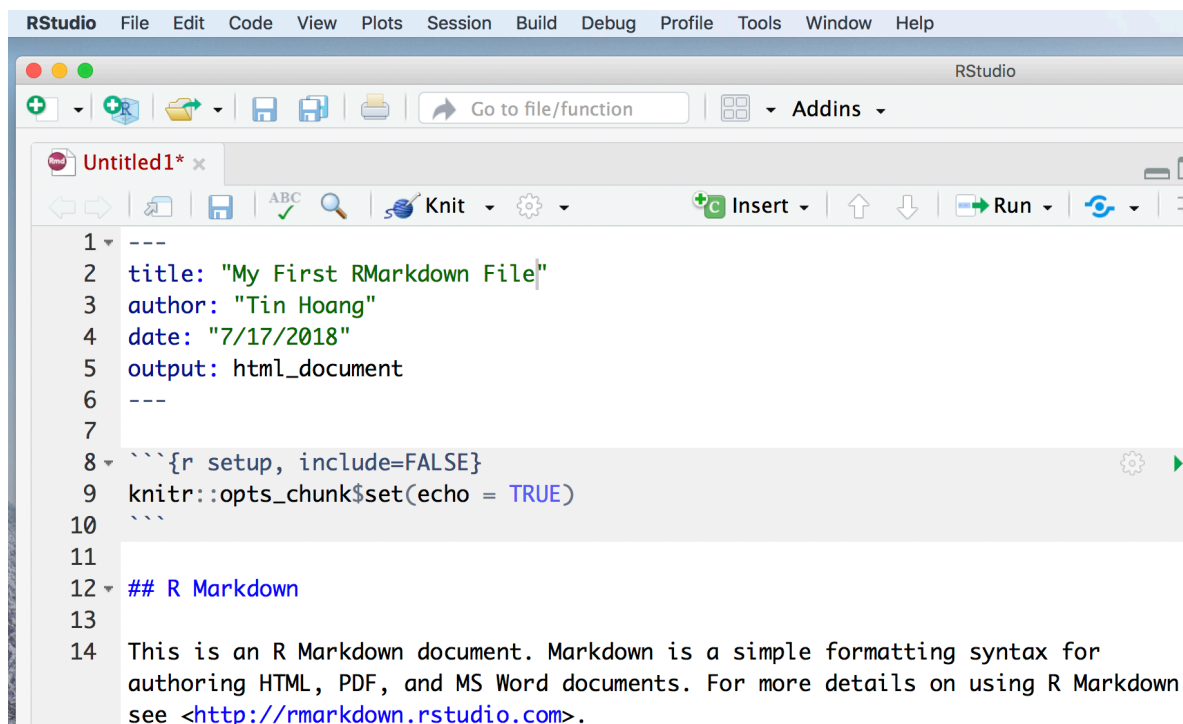
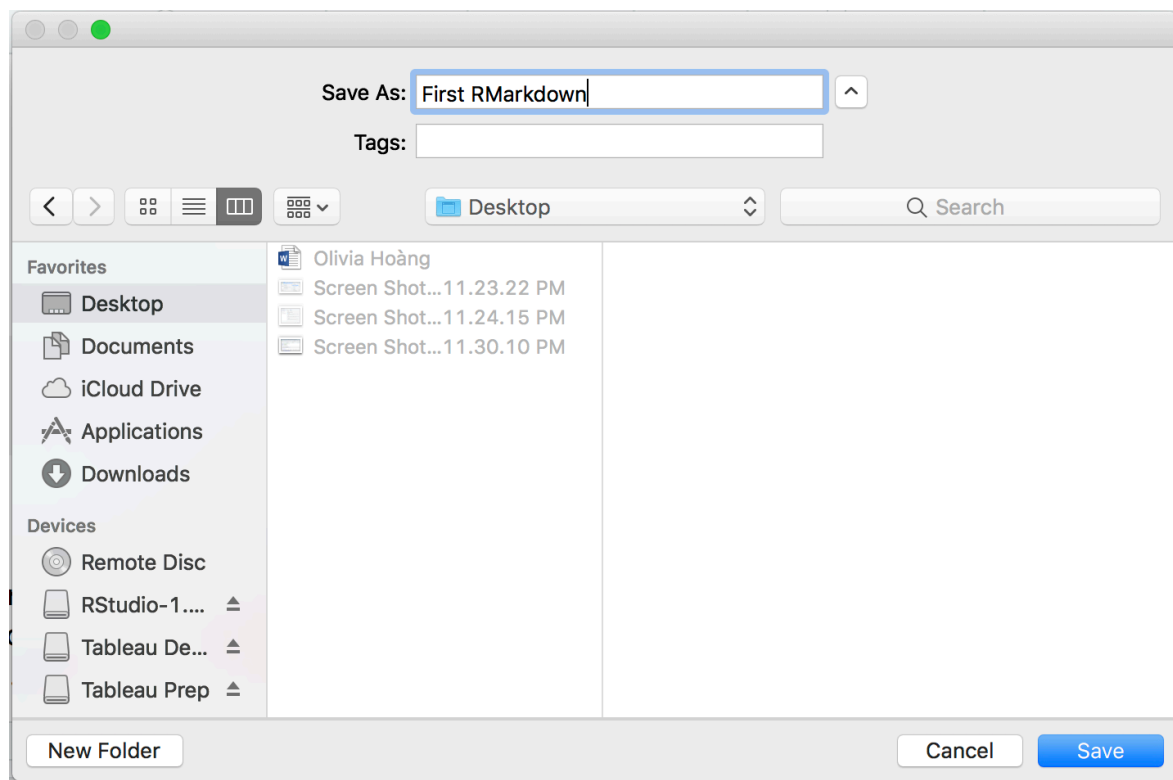1. File -> New File -> R Markdown...
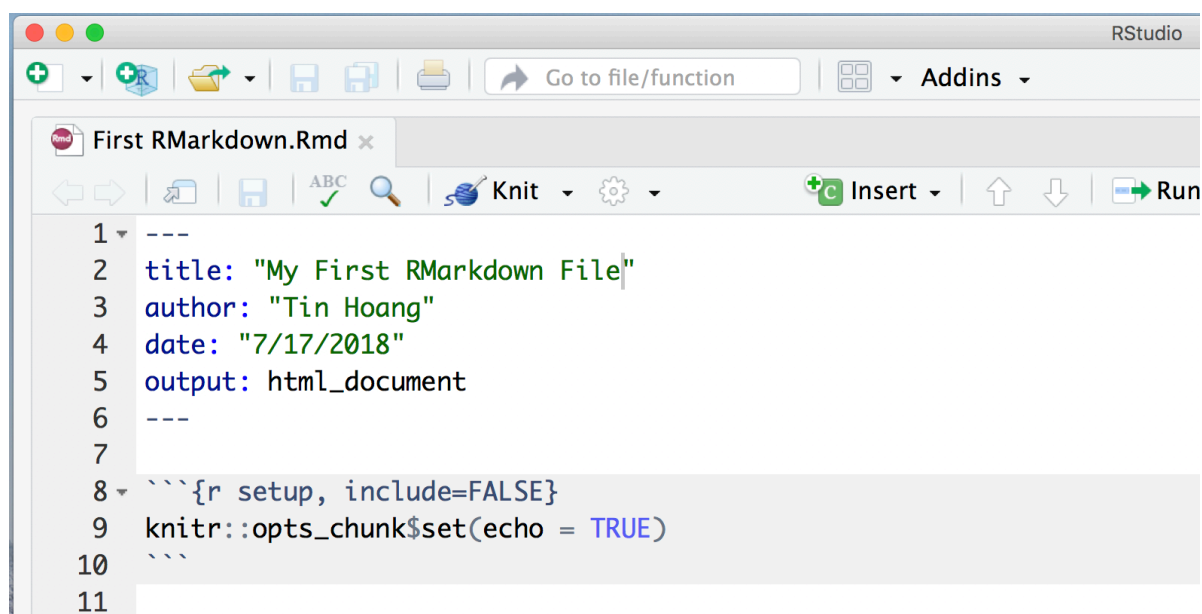
2. Select Output Format and click OK.

New R Markdown

Document	Title: Untitled
Presentation	Author: Tin Hoang
Shiny	
From Template	**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

You should see a screen that looks like below.

RStudio   File   Edit   Code   View   Plots   Session   Build   Debug   Profile   Tools   Window   Help

RStudio

Go to file/function   Addins

Untitled1*

Knit   Insert   Run

```
1  ---
2  title: "My First RMarkdown File"
3  author: "Tin Hoang"
4  date: "7/17/2018"
5  output: html_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>.
```
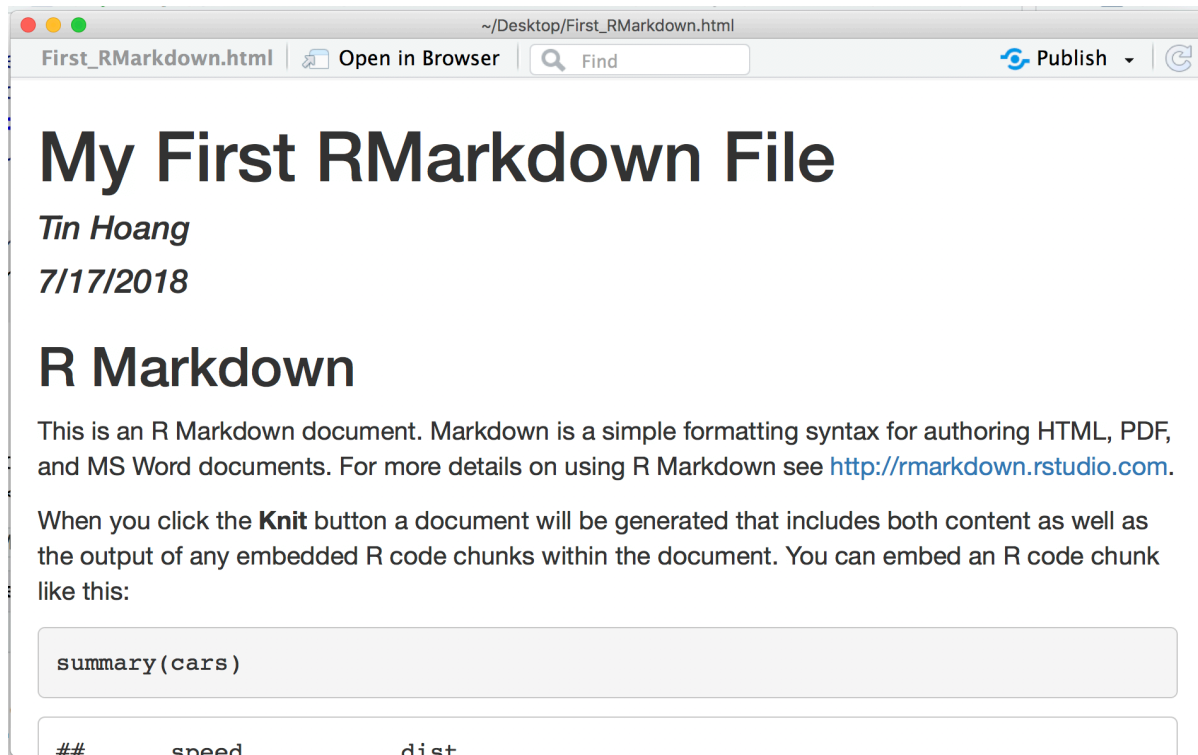
3. File -> Save as.. then give your RMarkdown file a name by typing in the Save As: textbox and Save

Now you have an .Rmd file and ready to knit

4. Click on Knit

My First RMarkdown File

Tin Hoang

7/17/2018

R Markdown

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.

When you click the **Knit** button a document will be generated that includes both content as well as the output of any embedded R code chunks within the document. You can embed an R code chunk like this:

```
summary(cars)
```

```
##      speed          dist
```

Reference:

R Markdown Tutorial
https://rmarkdown.rstudio.com/lesson-1.html

R Markdown Reference Guide
https://www.rstudio.com/wp-content/uploads/2015/03/rmarkdown-reference.pdf