

# **RMarkdown**

An R based tool for report writing

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Classification: Open

## What is RMarkdown?

A notebook interface for the programming language R.

Combine text and code.

Can be used to produce reports with statistical analysis and plots.

Instead of pasting plots and tables into a word document, include code and produce the plots right there.

### **GREAT FOR VERIFICATION REPORTS!!**

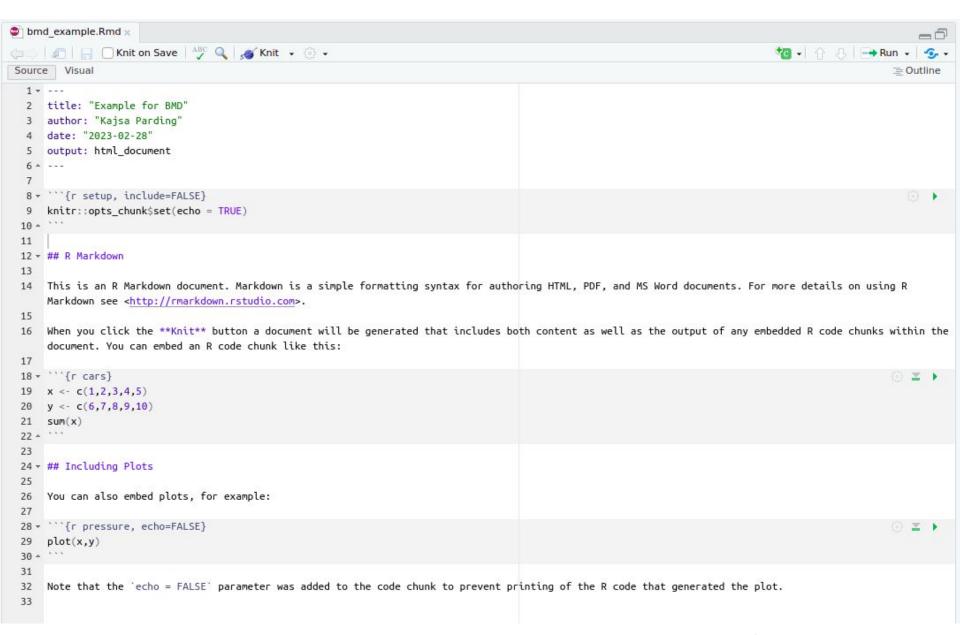


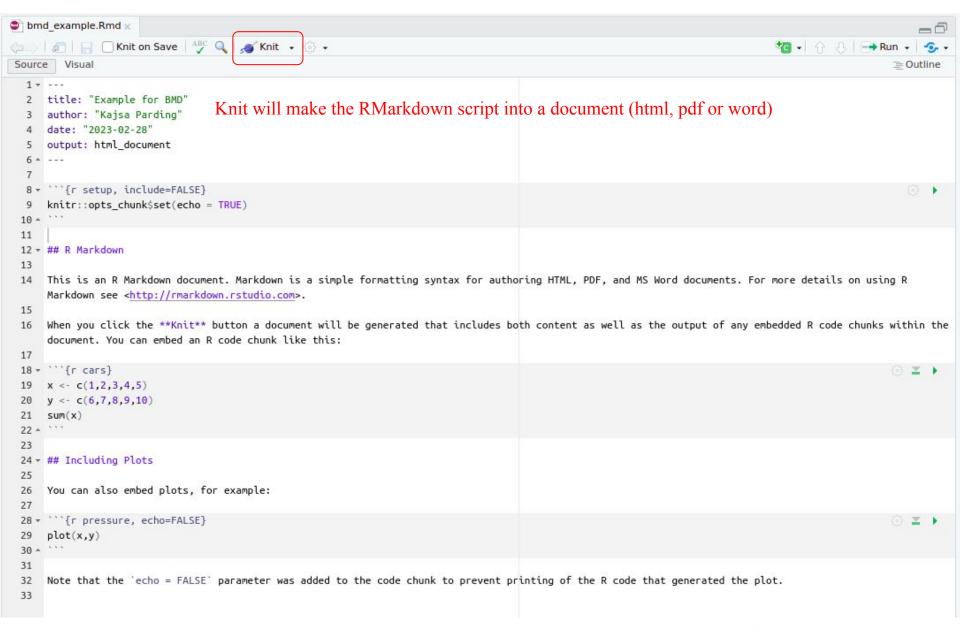
# How to get started

- 1) Open Rstudio
- 2) Install the rmarkdown package:

```
install.packages('rmarkdown')
```

3) Create a new RMarkdown document or open an existing one.





## Example for BMD

Kajsa Parding 2023-02-28

#### 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.

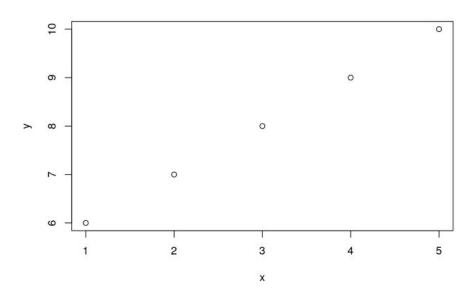
When you click the **Knit** button a document will be generated that includes both content as well as the output of any embedded R code chunks within the document. You can embed an R code chunk like this:

```
x <- c(1,2,3,4,5)
y <- c(6,7,8,9,10)
sum(x)
```

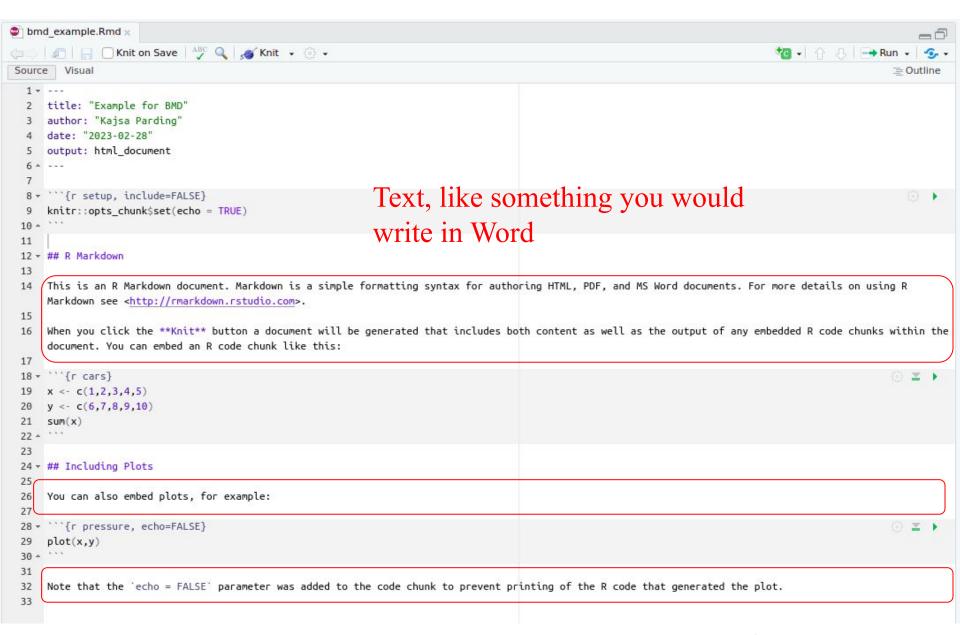
## [1] 15

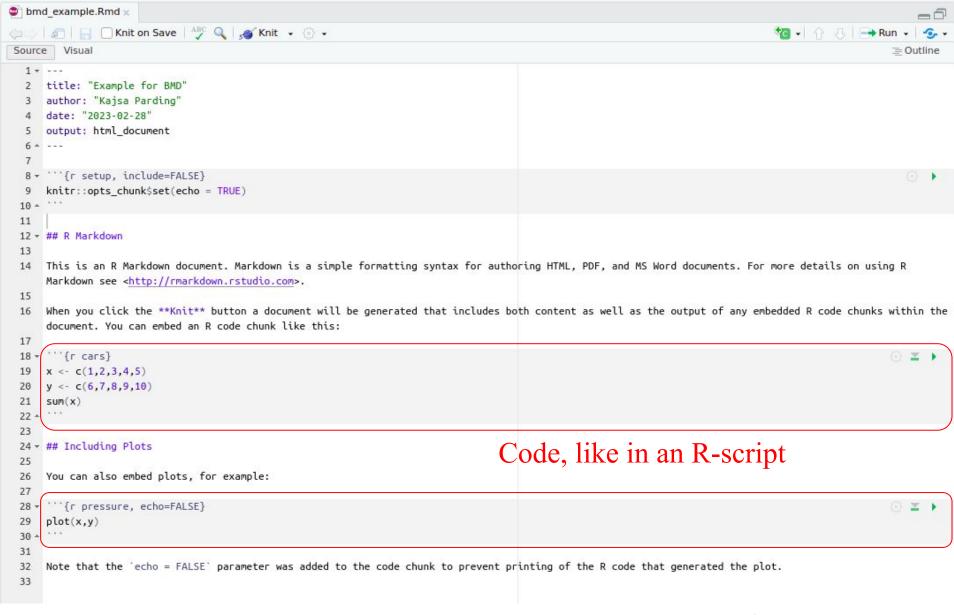
### **Including Plots**

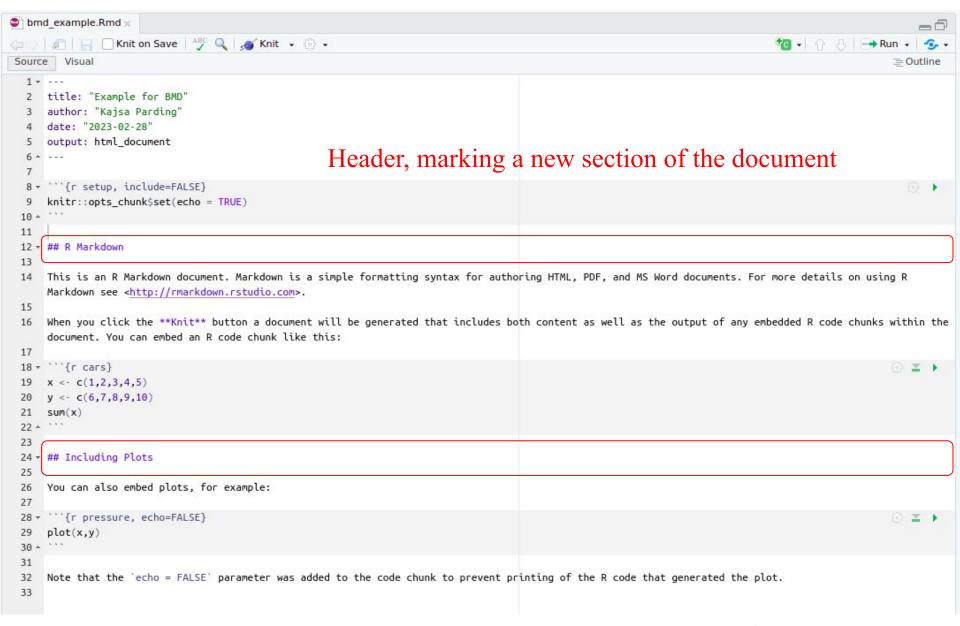
You can also embed plots, for example:

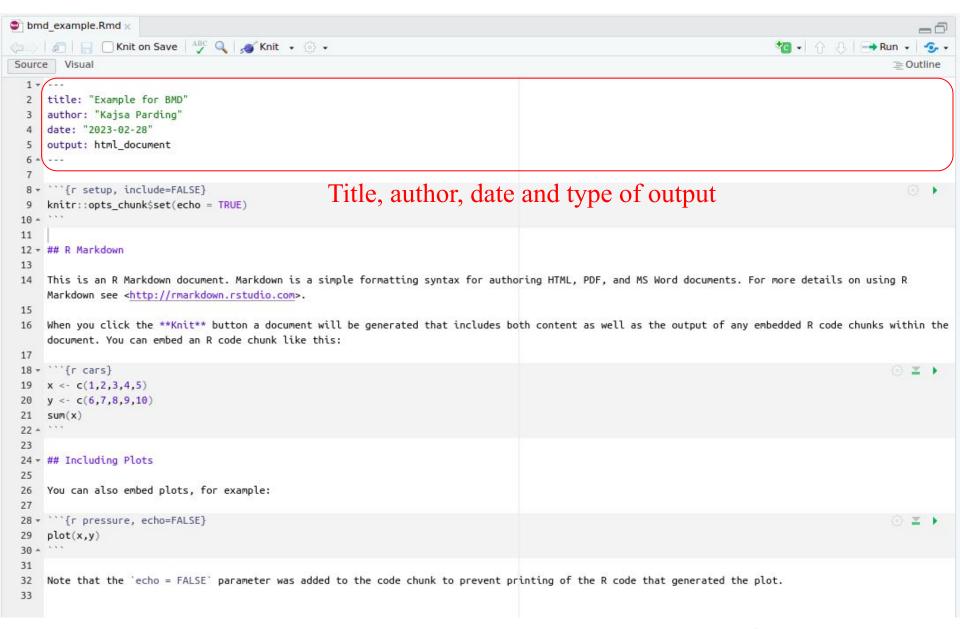


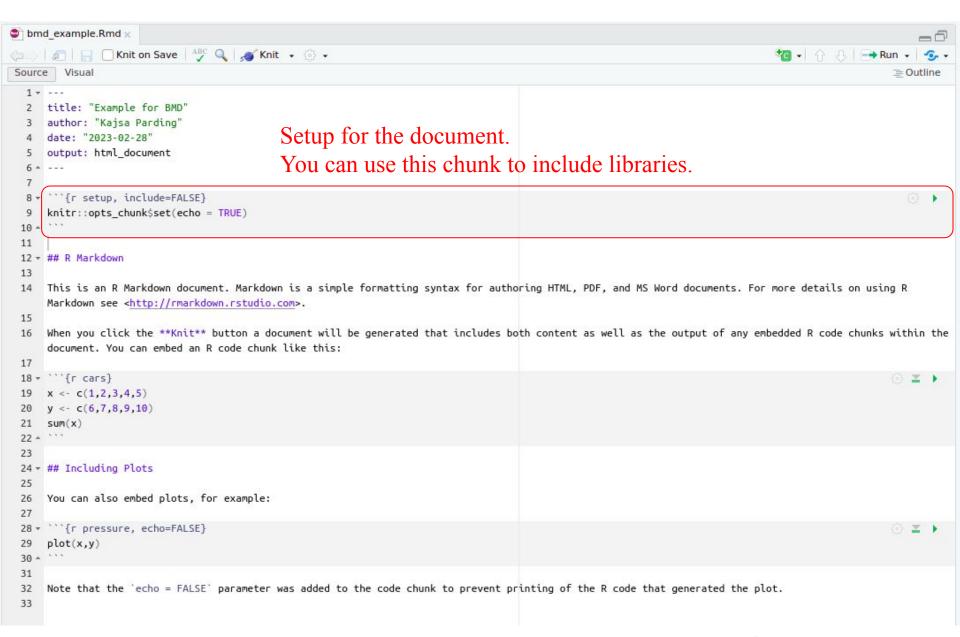


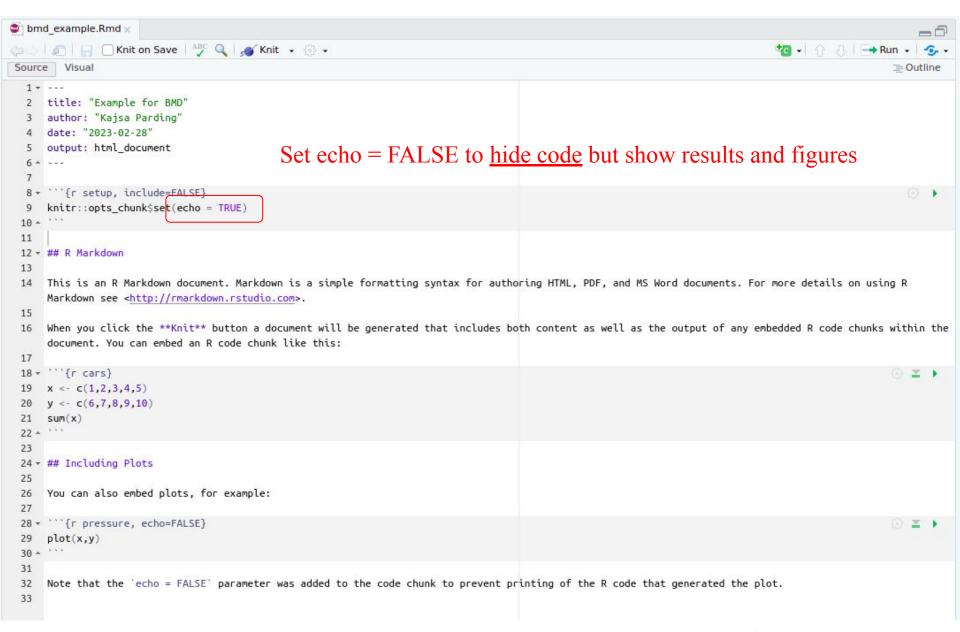


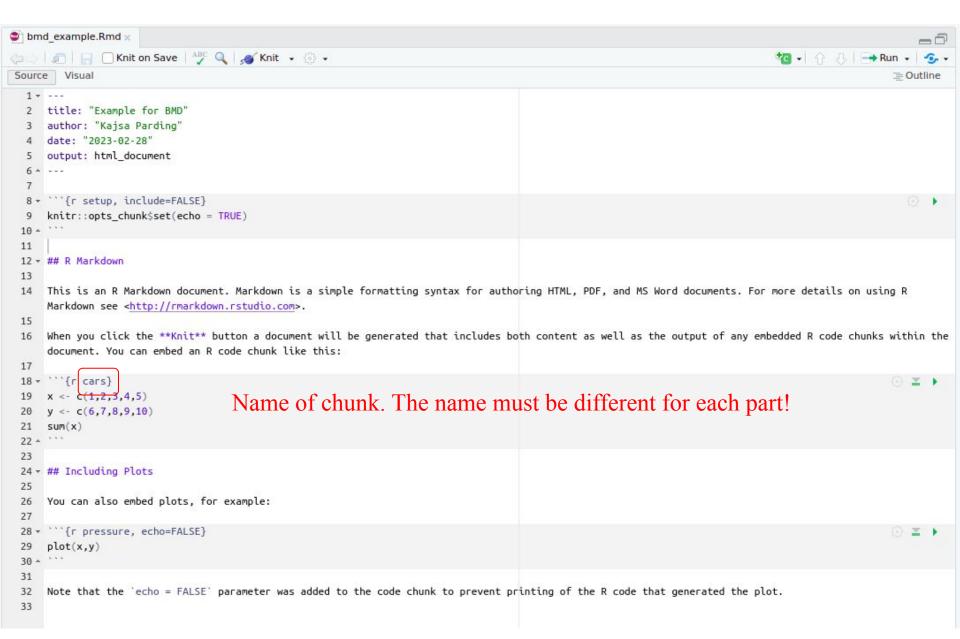


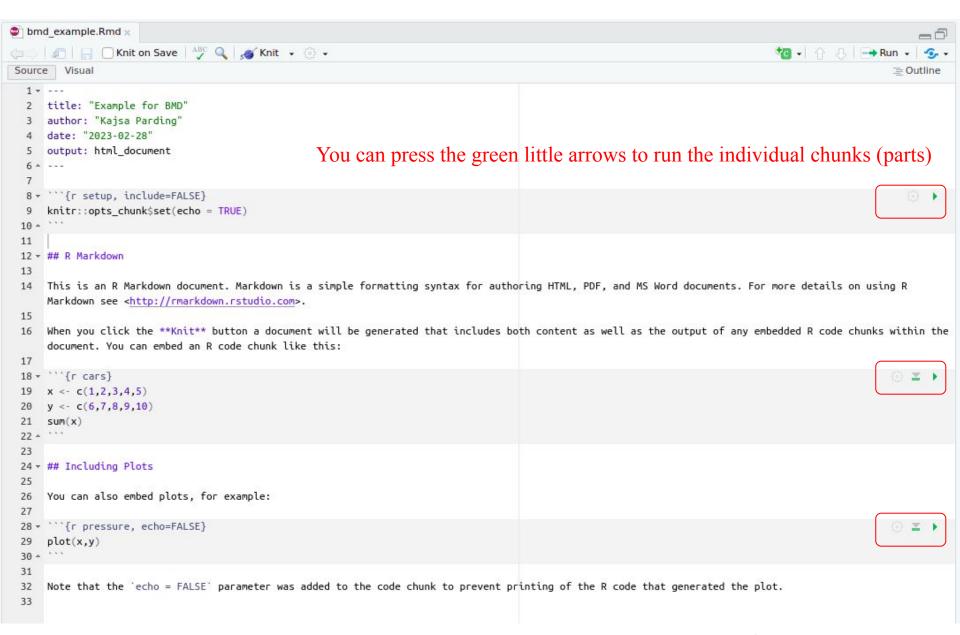












# Download example file from

https://github.com/metno/BMD/tree/master/RMarkdown



## Resources

https://rmarkdown.rstudio.com/

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



