Module 2. R Markdown Doc

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16/04/2020

# This is a level 1 header

## R Markdown

### This is a level 3 header

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>.

Here is a link to [GOOGLE](http://google.com)

Here is a word in **bold** and another word in **bold**

Here is a word in *italics* and another word in *italics*

When we compile our document, we are using the rmarkdown package.

2+2  
mean(c(1,2,3,4,5))

* Breakfast
  + food
    - eggs
    - toast

This is a block quote

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   
## Min. : 4.0 Min. : 2.00   
## 1st Qu.:12.0 1st Qu.: 26.00   
## Median :15.0 Median : 36.00   
## Mean :15.4 Mean : 42.98   
## 3rd Qu.:19.0 3rd Qu.: 56.00   
## Max. :25.0 Max. :120.00

## Including Plots

You can also embed plots, for example:



Note that the echo = FALSE parameter was added to the code chunk to prevent printing of the R code that generated the plot.

plot(pressure)



## Insert tables

knitr::kable(head(cars),  
 caption = "Top 6 Rows of Cars Dataset")

Top 6 Rows of Cars Dataset

|  |  |
| --- | --- |
| speed | dist |
| 4 | 2 |
| 4 | 10 |
| 7 | 4 |
| 7 | 22 |
| 8 | 16 |
| 9 | 10 |

## Insert an equation

* The following text is provided
* for easier cutting and pasting as you
* work through the exercises in
* Module 2 - lesson 4: Images, Video
* and Footnotes \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

## Insert Images

Here is an image inserted



sunstar

Here is the R logo

r logo

r logo

## Insert an Animated GIF and Video

sunstar

sunstar

sunstar

sunstar

## Insert text with some footnotes

Here is a footnote reference [[1]](#footnote-35) and another [[2]](#footnote-36)

Here is an inline footnote [[3]](#footnote-37)

1. Here is the footnote. [↑](#footnote-ref-35)
2. Here’s one with multiple blocks. [↑](#footnote-ref-36)
3. Inlines notes are easier to write, since you don’t have to pick an identifier and move down to type the note. [↑](#footnote-ref-37)