Module2 - R Markdown Document 1

Holger Fullriede

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# 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](%22http://google.com%22)

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.

Here are some example R commands:

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

Here is an example of a non-numbered list:

* Breakfast
  + food
    - eggs
    - toast
    - bacon
  + drink
    - apple juice
* Lunch
  + taco
* Dinner
  + baked chicken
  + broccoli
  + rice

Here is an example of blockquote:

This is a block quote. This paragraph has two lines.

1. This is a list inside a block quote.
2. Second item.

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

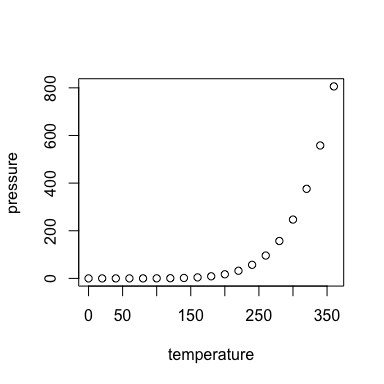
## Including Plots

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

## Insert Images

Here is an image inserted



sunstar

## Insert an animated GIF and video



sunstar

![sunstar](data:video/mp4;base64,)

sunstar

## Insert text with some footnotes

Here is footnote reference [[1]](#footnote-37) and another [[2]](#footnote-38)

Here is an inline footnote [[3]](#footnote-39)

1. Here is the footnote. [↑](#footnote-ref-37)
2. Here´s one with multiple blocks. [↑](#footnote-ref-38)
3. Inline notes are easier to write, since you don´t have to pick an identifier and move down to type the note. [↑](#footnote-ref-39)