Module 2- R Markdown Document 1

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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](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.

Here is an example of a non-numbered list:

* Breakfast
  + food
    - eggs
    - toast
    - bacon -drink
    - apple juice

Here is an example of a numbered list:

1. Breakfast
   1. food
      1. eggs
      2. toast
      3. bacon
   2. drink
      1. apple juice

Here is an example of a blockquote:

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

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

Here is an example of a nested blockquote:

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

This text is nested

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.



## 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 a footnote reference [[1]](#footnote-36) and another footnote [[2]](#footnote-37)

Here is an inline footnote [[3]](#footnote-38)

1. Here is the footnote. [↑](#footnote-ref-36)
2. Here’s one with multiple blocks. [↑](#footnote-ref-37)
3. inline notes are easier to write since you don’t have to pick and identfier [↑](#footnote-ref-38)