My First Document

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11/30/2018

# CheatSheet

Number of hashtages representes the level of teh ehader, thus, fewer hashtags means larger font

# Level One Header

## R Markdown

### Level Three Header

## Links

Here is a link to [Google](http://www.google.com): Names in square brackets followed by link in parentheses. You can also include the raw link by putting it between “<>” resulting in, <http://www.google.com>

## Emphasis

*Italics* are created by bookending a word in asterisks while **Bolds** are created by bookending a word in double asterisks. Alternately, you can use *single* or **double underscores**

If you want to show r code, without running it, put code between three backticks

2 + 2 =4  
ggplot(data, aes(x=x, y=y)) + geom\_point()

**Non numbered list**: each indent must be four spaces for markdown to recognize that it is a list

* Breakfast
  + food
    - eggs
    - rice
    - toast

#### Format Quotes

this is a block quote, started with a greater than symbol

you can also nest a blockquote if you add five spaces after greater than, you can nest code

2 + 2

#### The below text is actual r code that has been run

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 = "Head of cars dataset")

Head of cars dataset

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

## Insert an Equation using latex (identified with $$)

## Insert Images

**you can bring in external pictures and files, just have them stored in the same location as the markdown file**



Mountains

## Footnotes:

You can provide footnotes using either inline methods (where you write teh footnotes near its location) or you can add a marker and then provide footnote text at the end of the document.

**insert text with footnotes**

Here is a footnote: [^] and another [[1]](#footnote-37)

This is an inline footnote[[2]](#footnote-38)

1. Here’s one with multiple blocks, formula: [↑](#footnote-ref-37)
2. inline notes are a bit easier because you don’t have to pick an identifier and move down to type the note [↑](#footnote-ref-38)