## Module 2 - R Markdown Document 1

#### Fabio Nishida

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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

Here is a word in **bold** 

Here is a word in *italic* 

We use rmarkdown package

# 2+2 mean(c(1,2,3,4,7,9))

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 a numbered list:

1. Breakfast

- a. food
  - i. eggs
  - ii. toast
  - iii. bacon
- b. drink
  - i. apple juice
- 2. Lunch
  - a. taco
- 3. Dinner
  - a. baked chicken
  - b. broccoli
  - c. rice

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

Here is an example of code in a blockquote (5 spaces after):

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

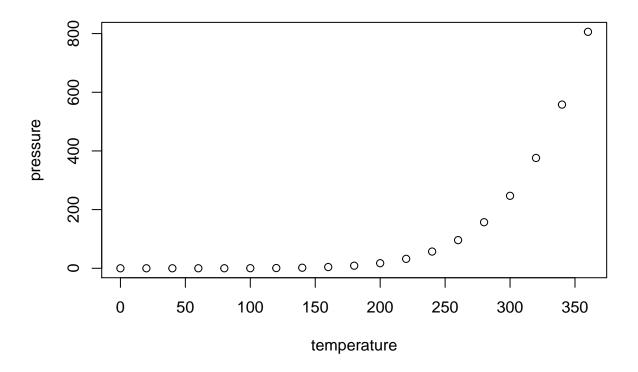
When you click the **Knit** button a document will be generated that includes both content as well as the output of any embedded R code chunks within the document. You can embed an R code chunk like this:

#### 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
##
  {\tt Max.}
            :25.0
                    Max.
                            :120.00
```

## **Including Plots**

You can also embed plots, for example:



Note that the  $\mbox{echo}$  = FALSE parameter was added to the code chunk to prevent printing of the R code that generated the plot.