Module2 - R Markdown Document 1

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This is a level 1 header

R Markdown

Thisis 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** and another word in **bold**.

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

When we compile a documente, we are using the `rmarkdown` package.

Here are some example R commands:

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

- Breakfast
  - food
    - eggs
    - toast
    - bacon
  - drink
    - apple juice
- Lunch -Taco
- Dinner
  - Baked chicken
  - Broccoli
  - Rice

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

> 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

This is an example of code in a blockquote:

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

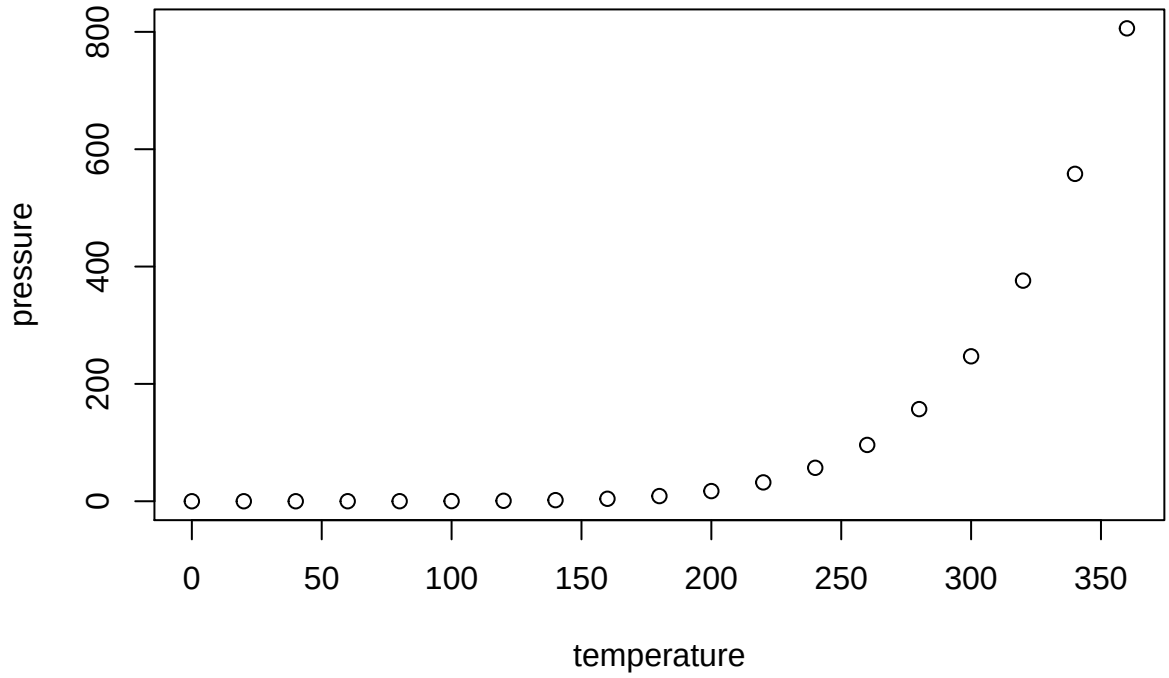
When you click the **Knit** button a document will be generated that includes both content as well as the output of any embedded R code chunks within the document. You can embed an R code chunk like this:

```
summary(cars)
```

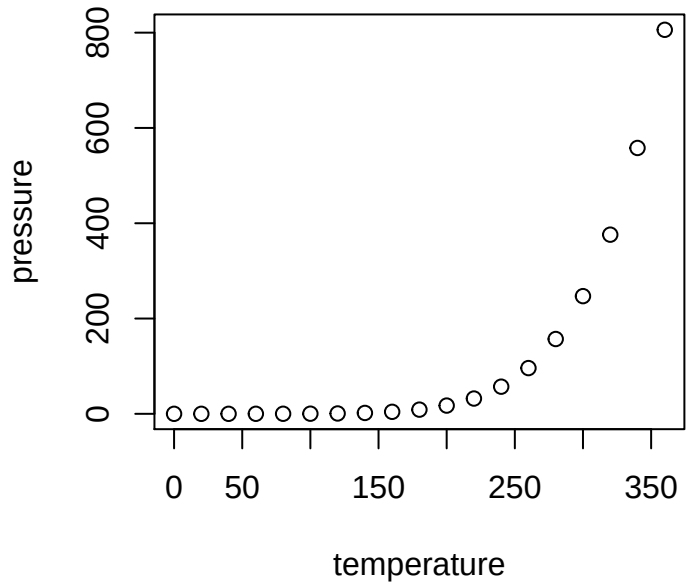
```
##      speed           dist       
##  Min.   : 4.0   Min.   :  2.00  
##  1st Qu.:12.0   1st Qu.: 26.00  
##  Median :15.0   Median : 36.00  
##  Mean   :15.4   Mean   : 42.98  
##  3rd Qu.:19.0   3rd Qu.: 56.00  
##  Max.   :25.0   Max.   :120.00
```

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")
```

Table 1: Top 6 rows of cars Dataset

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

Insert an equation

$$Y = \beta_0 + \beta_1 x$$

Insert images

Here is an image inserted

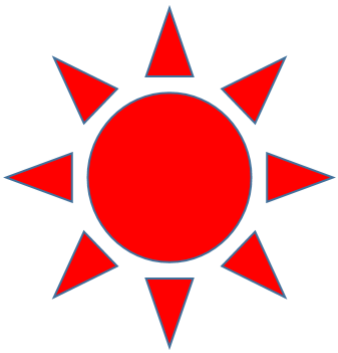


Figure 1: sunstar

Insert text with some footnotes

Here is a footnote reference [1] and another [2]

Here is an inline footnote [3]

[1] Here is the footnote.
[2] Here's one with multiple blocks.
[3] Inline note are easier to write, since you dont have to pick and identified and move down to type the note.