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.

This is a link to Google.

When we compile our document, we are using the `rmarkdown` package.

```
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

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

Here is an example of block quote:

> 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 nested block quote:

> This is a block quote. This paragraph has two lines.
>
> > This text is nested

Here is an example of code within a block quote.

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

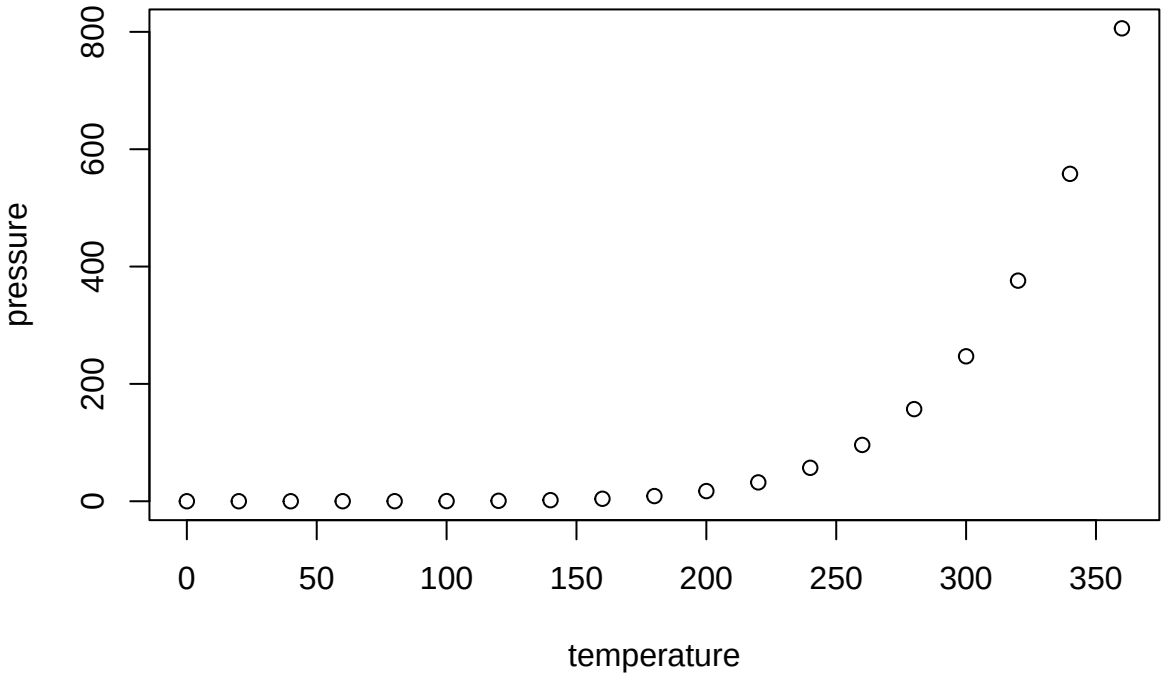
When you click the **Knit** button a document will be generated that includes both content as well as the output of any embedded R code chunks within the document. You can embed an R code chunk like this:

```
summary(cars)
```

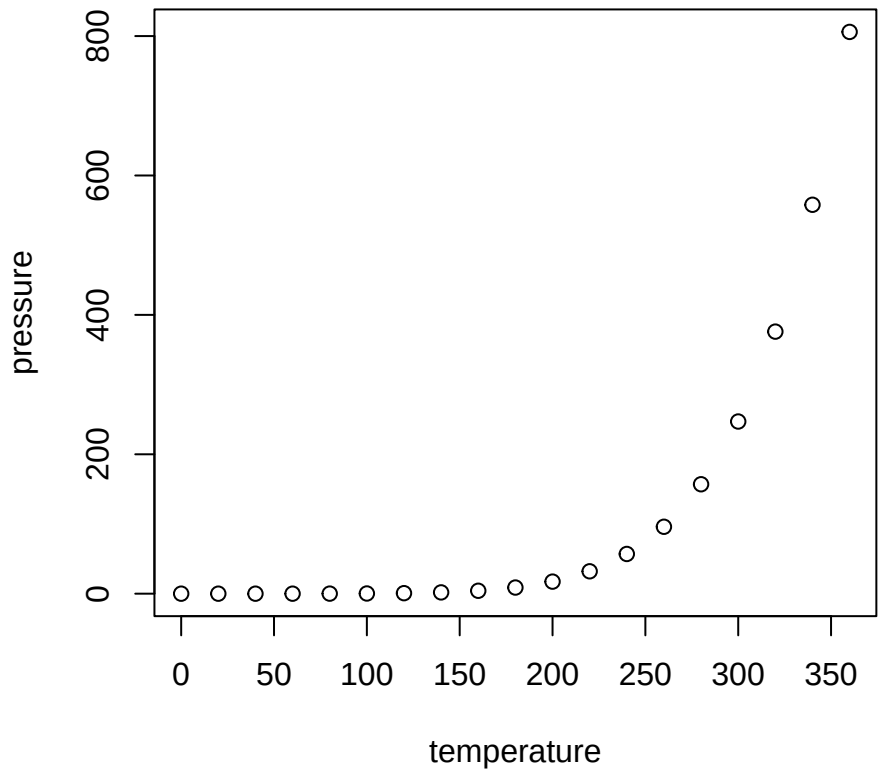
```
##      speed           dist       
##  Min.   : 4.0   Min.   :  2.00  
##  1st Qu.:12.0   1st Qu.: 26.00  
##  Median :15.0   Median : 36.00  
##  Mean   :15.4   Mean   : 42.98  
##  3rd Qu.:19.0   3rd Qu.: 56.00  
##  Max.   :25.0   Max.   :120.00
```

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))
```

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