

# Module 2 - R Markdown Document 1

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## This 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

Here is a word in **bold** and anotherone too **bold**.

Using *Italics* and also *italics*.

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

Here are some Rmarkdown syntax examples:

2+2

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

Here is an example of a non-numbered list: Use **4 indents**

- 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 blockcode. Use **5 indents**

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

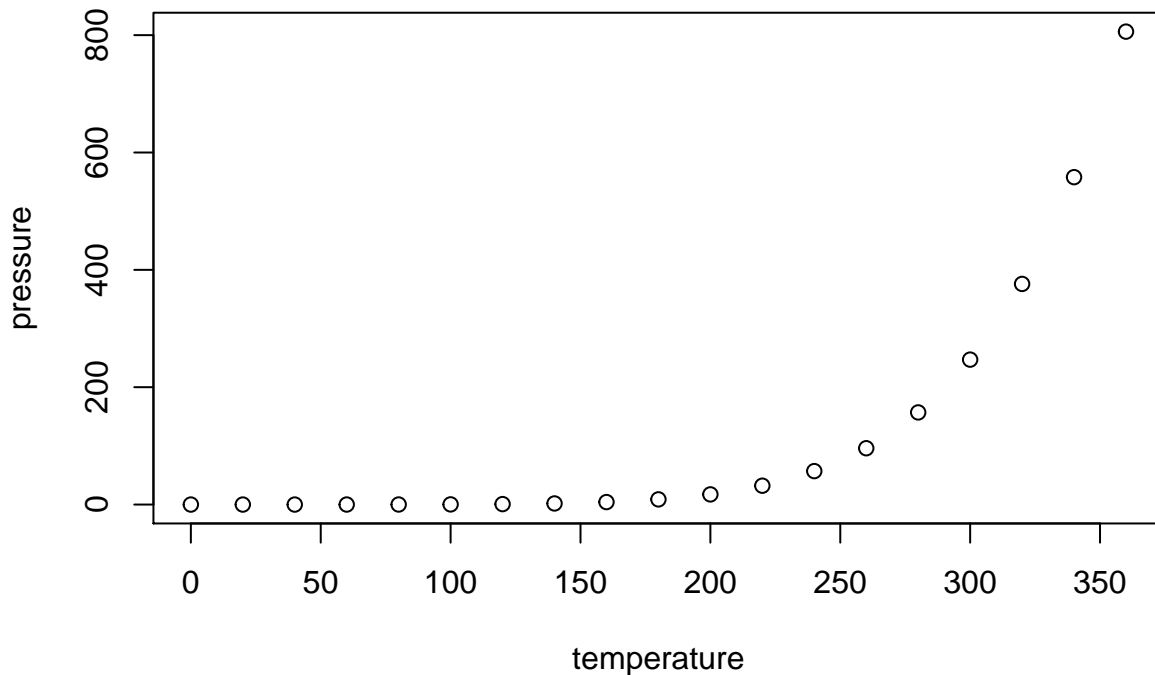
When you click the **Knit** button a document will be generated that includes both content as well as the output of any embedded R code chunks within the document. You can embed an R code chunk like this:

```
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.