

# Coursera Rmd - module 2 - doc 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>.

Here is a link to [GOOGLE](#)

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

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

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

Here are some example R commands:

```
2+2
```

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

Non-numbered list:

- Breakfast
  - food
    - \* eggs
    - \* toast

Numbered list:

1. List
  - a. item a
  - b. item b
    - i. subitem i
    - ii. subitem ii

Example of a block quote:

This is a block quote Bla bla

1. List within block quote:
2. Second line

Example of a nested block quote:

This text is nested.

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:

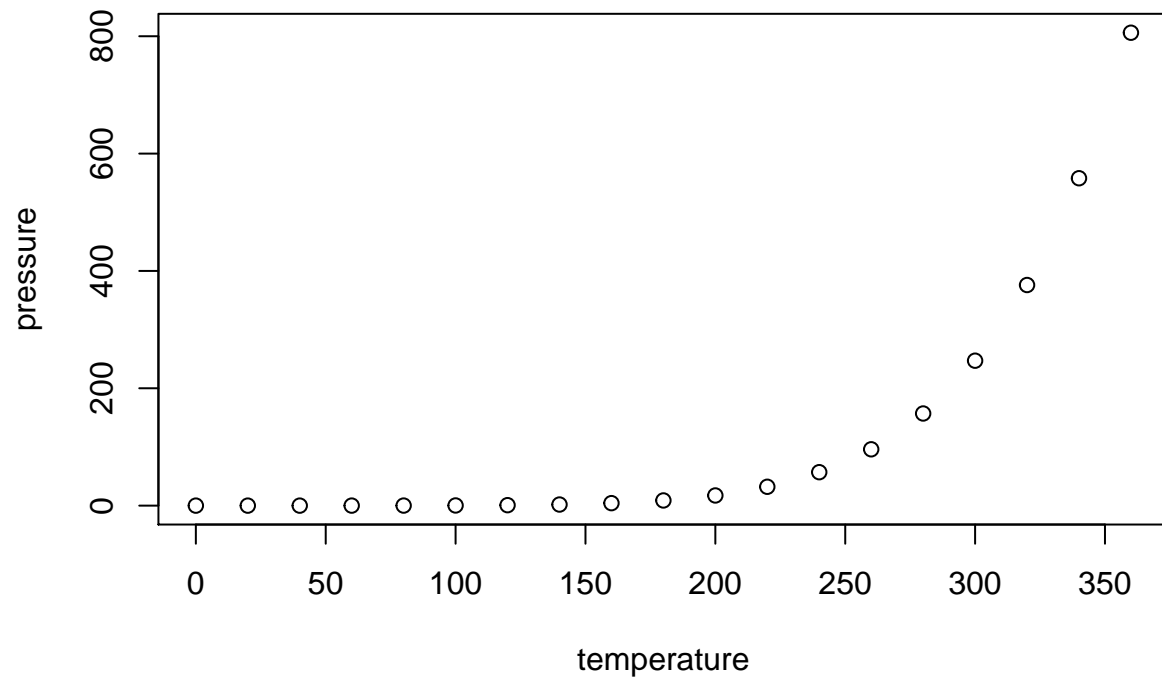
```
summary(cars)
```

```
##      speed          dist
##  Min.    : 4.0      Min.    :  2.00
##  1st Qu.:12.0      1st Qu.: 26.00
```

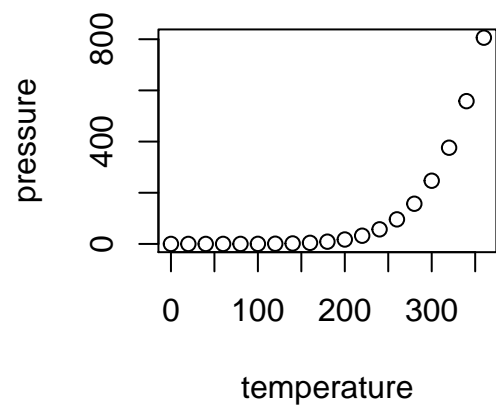
```
## Median :15.0   Median : 36.00
## Mean   :15.4   Mean    : 42.98
## 3rd Qu.:19.0   3rd Qu.: 56.00
## Max.   :25.0   Max.    :120.00
```

## Including Plots

You can also embed plots, for example:



```
plot(pressure)
```



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   |