Module2 - R Markdown Document 1

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This is a level one 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

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

> This is a blockquote. This paragraph has two lines.
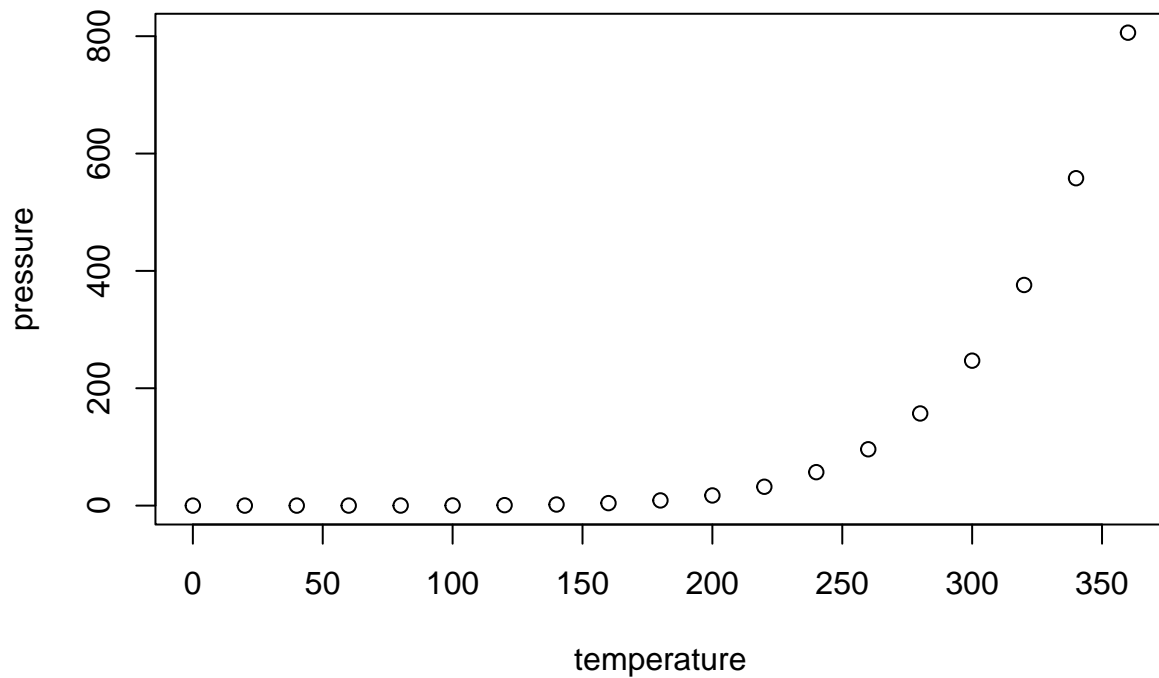
> this is another block

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
```
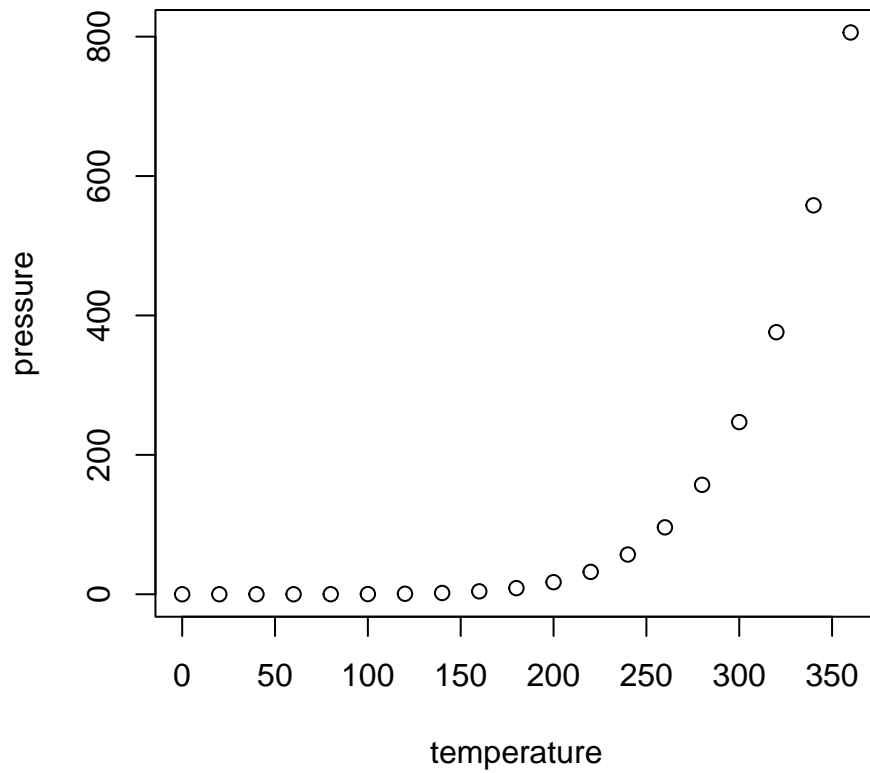
Including Plots

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.

```
plot(pressure)
```


Insert Tables

Table 1: Top 6 rows of Cars Dataset

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

Insert and ecuation

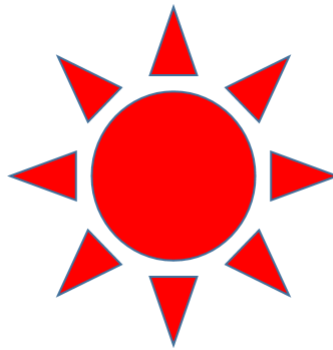$$Y = \beta_0 + \beta_1 x$$

Insert Images

Figure 1: sunstar

Insert an Animated GIT and video

Insert text with footnote

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

Here is an inline footnote [3]

Python code

```
library(reticulate)
use_python('/home/pablog/anaconda3/bin/python3')
```

```python
# prints the python configuration
import pandas as pd
df = pd.read_csv('intalaciones.csv', parse_dates=['fechaServicio'])
df2 = df.set_index('fechaServicio').resample('W').count()['numeroServicio'].rolling(4).mean()
```

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[1]Here is the footnote

[2]Here's one with multiple blocks.

[3]inline notes are easier to write, since you don't have to pick an identified and move downl to type the note

```
plot(py$df2, type = "o")
```