My First Markdown

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R Markdown

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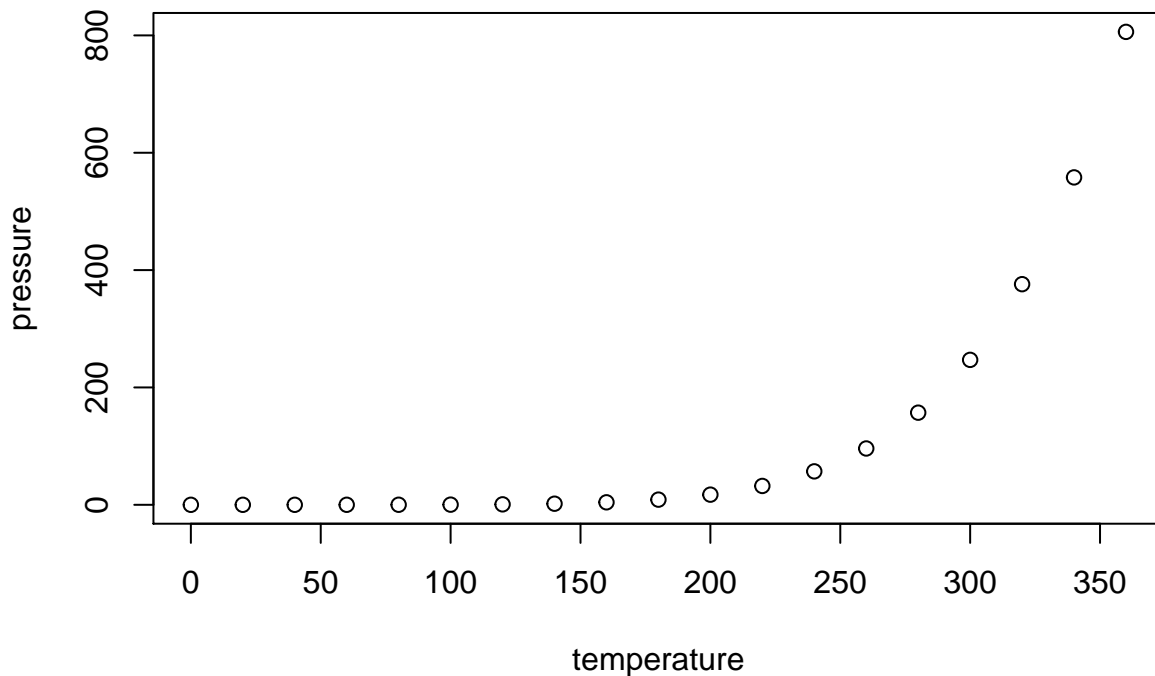
When you click the **Knit** button a document will be generated that includes both content as well as the output of any embedded R code chunks within the document. You can embed an R code chunk like this:

```r
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
```
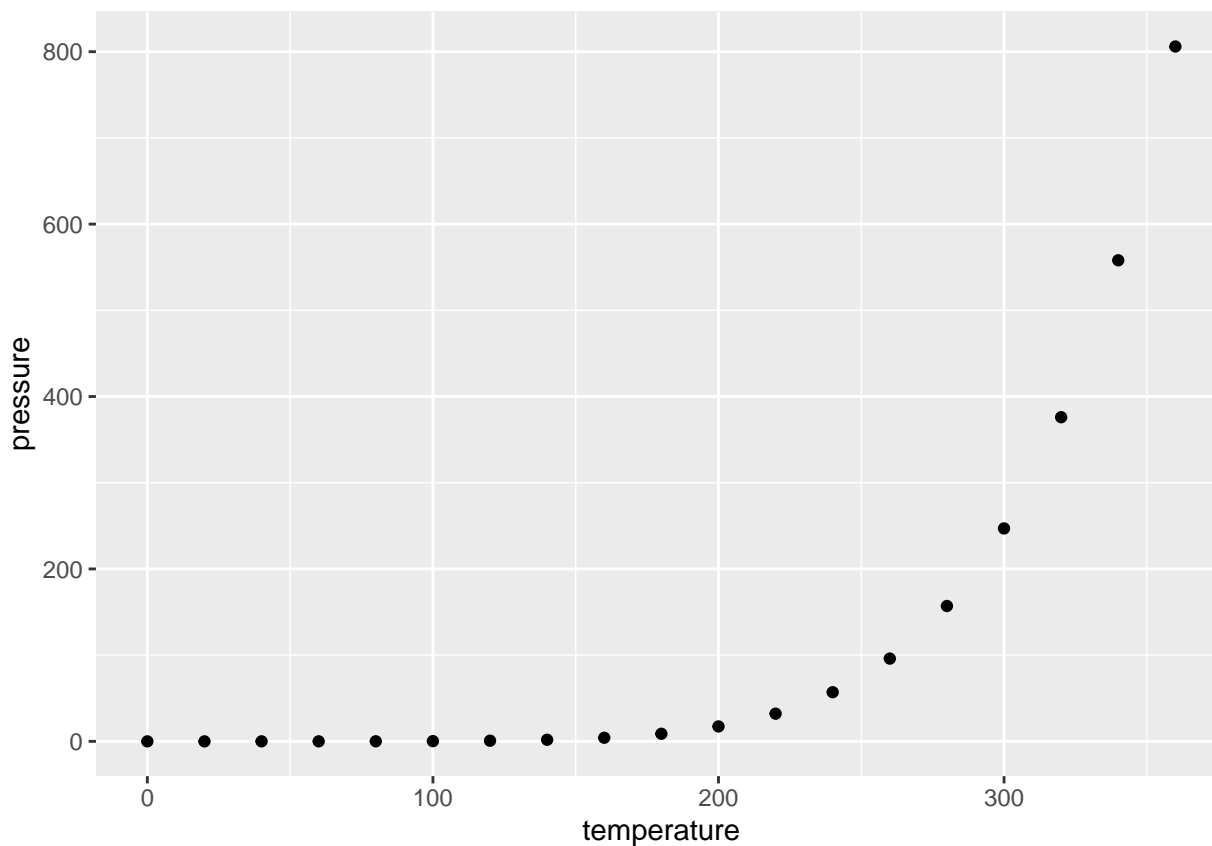
Including Plots

You can also embed plots, for example:

1

Note that the `echo = FALSE` parameter was added to the code chunk to prevent printing of the R code that generated the plot.

GGplot2 Graph

Here's the same plot in ggplot2

Equations

In Text

Equations can be embed in a text line: $E = mc^2$

Separate from text

Equations can be put on a different line:

$$\lim_{x \to \infty} f(x)$$

Equation of the *mean*

$$\bar{x} = \frac{1}{n} \sum_{i=1}^{n} x_i$$

Tables

Table Without Alignment Formatting

Col 1	Col 2	Col 3
Value	Value	Value
Value	Value	Value

Table With Alignment Formatting

Col 1 Left	Col 2 Center	Col 3 Right
Value	Value	Value
Value	Value	Value

Other Languages Chunk

Python

```python
python_string = "hello, world"
print(python_string.split(" "))
```

```
## ['hello,', 'world']
```