test

Dhruvi Nishar - dnishar

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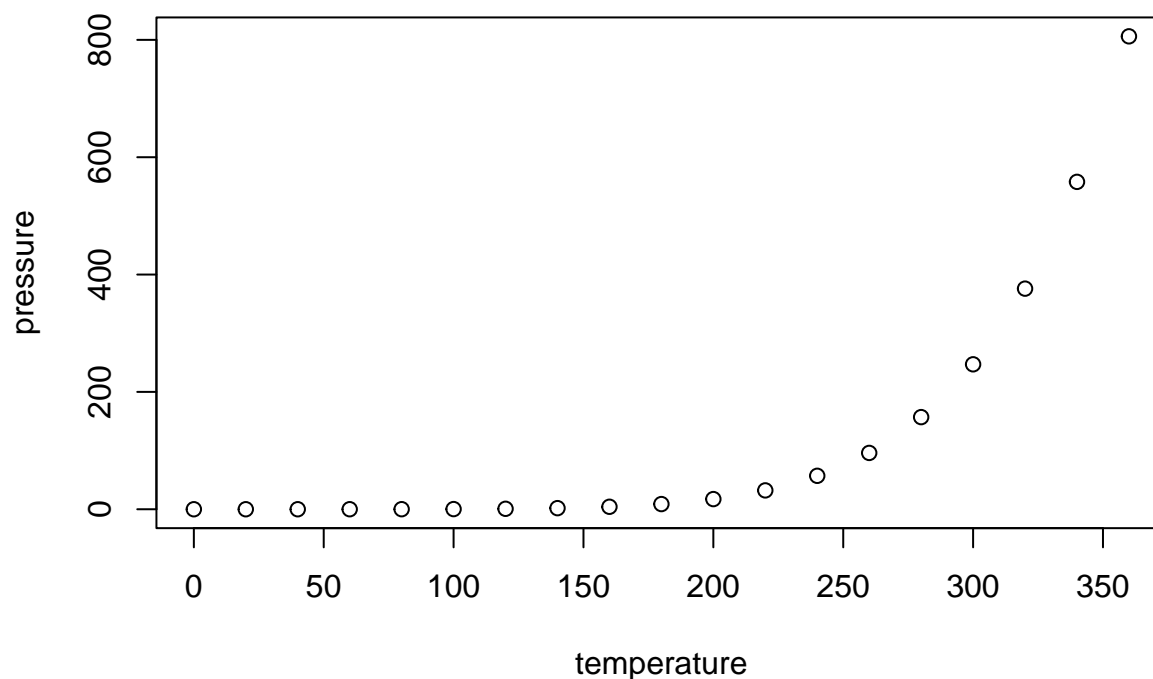
When you click the **Knit** button a document will be generated that includes both content as well as the output of any embedded R code chunks within the document. You can embed an R code chunk like this:

```
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.

This is a separation for the text sections in this markdown document

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Header 1

Lets talk about the penguins dataset - The goal of palmerpenguins is to provide a great dataset for data exploration & visualization, as an alternative to iris.

Header 2

There is another dataset - gapminder, where he main object in this package is the gapminder data frame or "tibble". There are other goodies, such as the data in tab delimited form, a larger unfiltered dataset, premade color schemes for the countries and continents, and ISO 3166-1 country codes.

```r
print("Let's calculate the sum of two numbers")
```

```
## [1] "Let's calculate the sum of two numbers"
```

```r
a <- 643
b <- -834

paste("The sum of ", a, " and ", b, " is ",a+b)
```

```
## [1] "The sum of  643  and  -834  is  -191"
```

```r
print("Let's calculate the difference of two numbers")
```

```
## [1] "Let's calculate the difference of two numbers"
```

```r
a <- 643
b <- 814

paste("The sum of ", a, " and ", b, " is ",b-a)
```

```
## [1] "The sum of  643  and  814  is  171"
```