STA444 Supplemental 1

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```
knitr::opts_chunk$set(echo = TRUE, fig.height = 5,  fig.width = 10)
```

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:

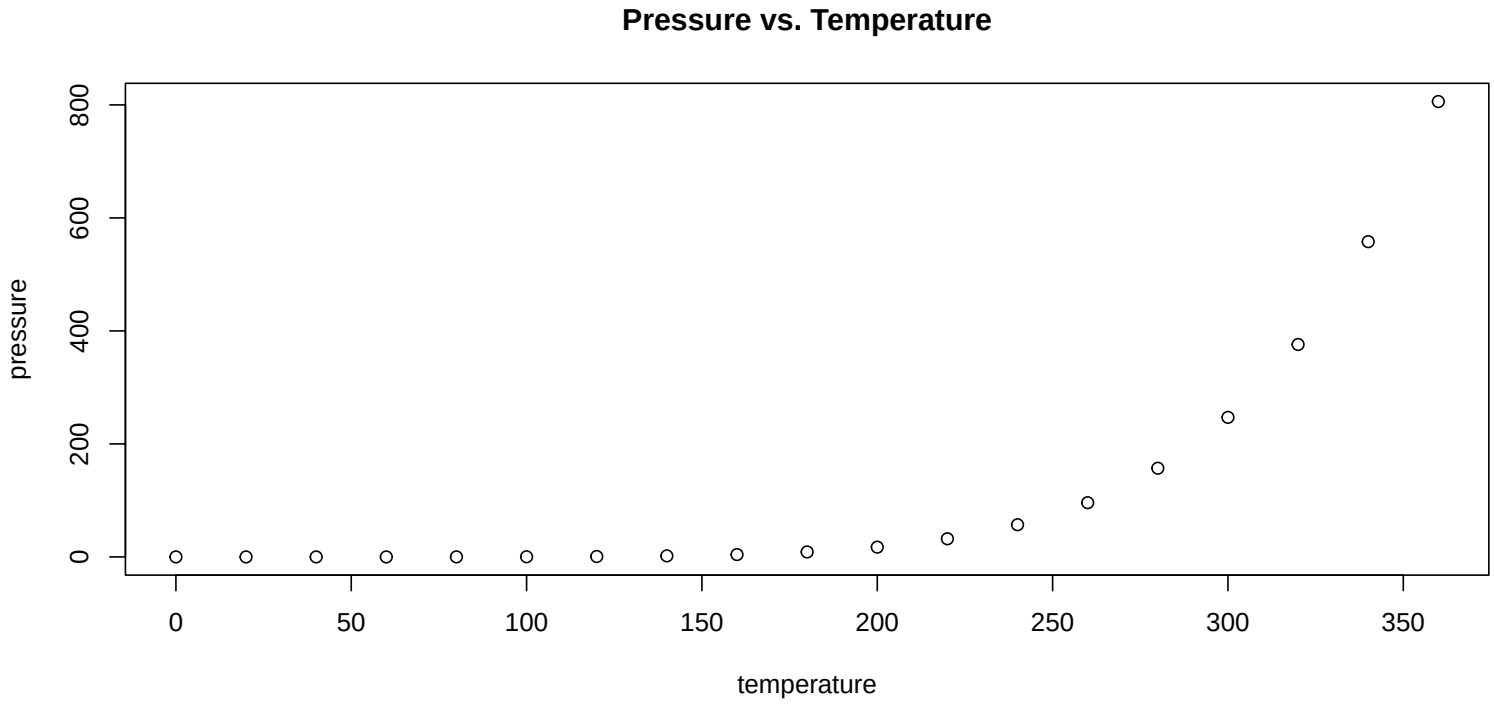
```
summary(cars)
```

```
##      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:

```
plot(pressure)
title("Pressure vs. Temperature")
```



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

Go back to the "family" data frame you created for assignment 2.

- With one line of code, change the title of all 3 columns to "New Names", "New Age" and "New Height."
- With one line of code, give rows 1 – 4 the names "me", "myself", "and", and "I". If you have fewer than 4 rows, choose the first n of the above labels, where n = the number of rows in your data set. If you have more than 4 rows in your data set, only rows 1 – 4 need to be re-labled. Note: currently, the rows are labeled "1" , "2", etc.

We are replacing those labels, not renaming the people in your family.

- With one row of code, make the age of the 3rd member of your family "112."

```
family <- data.frame(
  Names = c('Rowy', 'Mom', 'Luke', 'Courtney'),
  Age   = c(21, 56, 29, 27),
  Height.in = c(76, 85, 68, 73)
)

colnames(family) <- c('New Names', 'New Age', 'New Height')

rownames(family) <- c('me', 'myself', 'and', 'I')

family[3, 2] = 112

family
```

```
##        New Names New Age New Height
## me          Rowy      21         76
## myself       Mom      56         85
## and         Luke     112         68
## I       Courtney      27         73
```