STATS419 Survey of Multivariate Analysis
Week 03 Assignment

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0.1 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
library(devtools);
```

```
## Loading required package: usethis
```

```r
github.path = "https://raw.githubusercontent.com/minju-lee92/WSU_STATS419_FALL2020/";
source_url(paste0(github.path,"master/functions/libraries.R"));
```

```
## SHA-1 hash of file is f9ac95cb0e1a28ca73cfae91656320091b409395
```

```
## Registered S3 method overwritten by 'pryr':
##   method       from
##   print.bytes  Rcpp
```

```
## Loading required package: zoo
```

```
##
## Attaching package: 'zoo'
```

```
## The following objects are masked from 'package:base':
##
##     as.Date, as.Date.numeric
```

```
## Loading required package: xml2
```

```r
source_url(paste0(github.path,"master/functions/functions-imdb.R"));
```

```
## SHA-1 hash of file is 600ff5b754e70489540d0802ffec13e75fa1762b
```
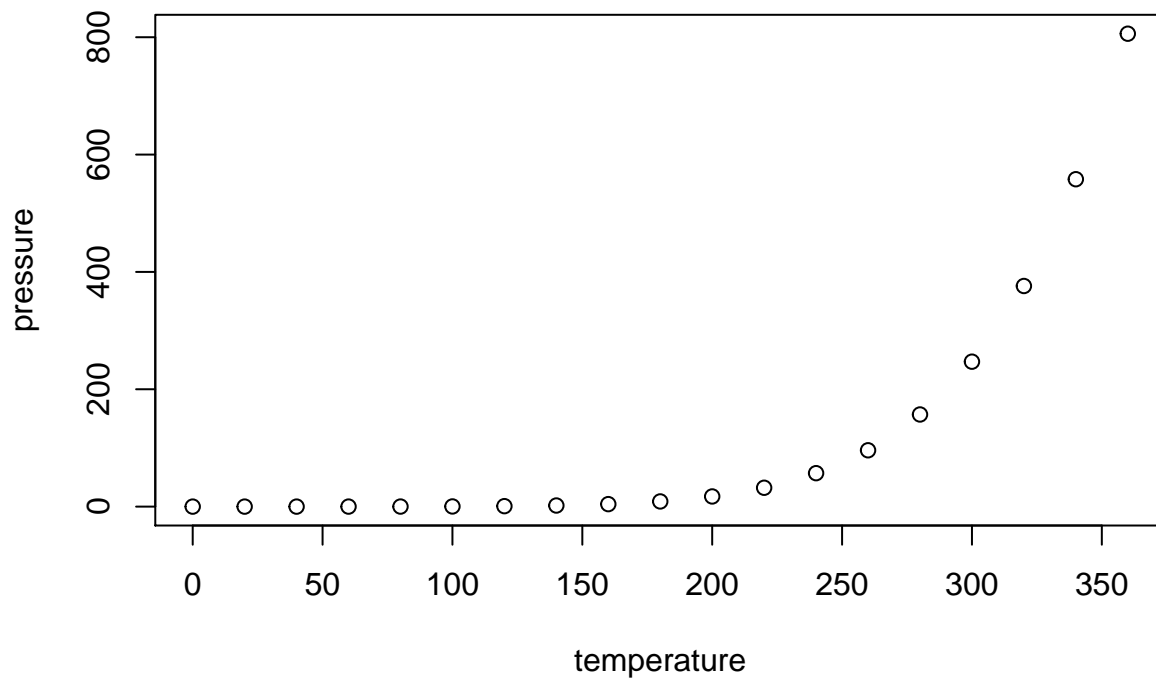
```
summary(cars)
```

```
##      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
```

0.2 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.