

STATS 419 Survey of Multivariate Analysis

Week 03 Assignment 02_datasets

YOUR NAME HERE
(WSU email HERE)
[WSU ID HERE]

Instructor: Monte J. Shaffer

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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:

```
library(devtools); # devtools is required for function source_url() to work ...

## Warning: package 'devtools' was built under R version 3.6.3

## Warning: package 'usethis' was built under R version 3.6.3

my.source = 'github';
github.path = "https://raw.githubusercontent.com/MonteShaffer/WSU_STATS419_FALL2020/";
source_url( paste0(github.path,"master/functions/libraries.R") );

## Warning: package 'pryr' was built under R version 3.6.3

## Warning: package 'lmtest' was built under R version 3.6.3

## Warning: package 'zoo' was built under R version 3.6.3

## Warning: package 'MASS' was built under R version 3.6.3

## Warning: package 'tractor.base' was built under R version 3.6.3

## Warning: package 'stringr' was built under R version 3.6.3

## Warning: package 'rvest' was built under R version 3.6.3

## Warning: package 'xml2' was built under R version 3.6.3
```

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

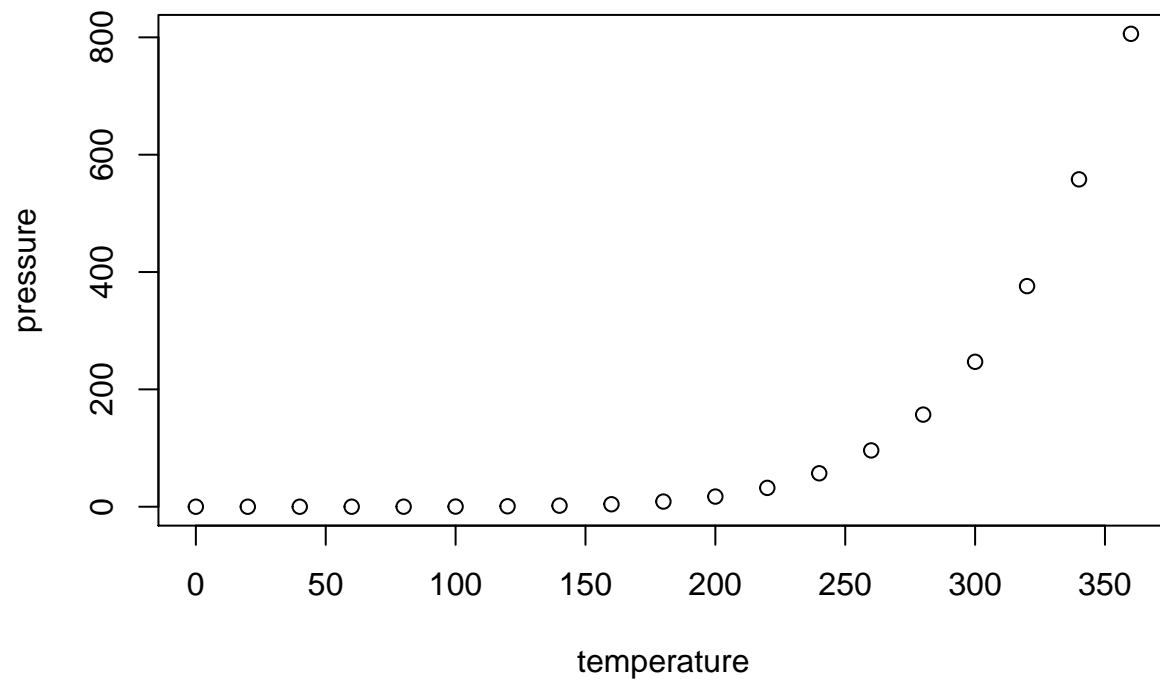


Figure 1: test cap

```
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:

```
plot(pressure)
```

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