Homework 1

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```r
library(tidyverse)
```

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

## -- Attaching packages ------------------------------------- tidyverse 1.3.0 --

## v ggplot2 3.3.3     v purrr   0.3.4
## v tibble  3.0.4     v dplyr   1.0.3
## v tidyr   1.1.2     v stringr 1.4.0
## v readr   1.4.0     v forcats 0.5.0

## Warning: package 'ggplot2' was built under R version 3.6.3

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

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

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

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

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

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

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

## -- Conflicts ---------------------------------------- tidyverse_conflicts() --
## x dplyr::filter() masks stats::filter()
## x dplyr::lag()    masks stats::lag()
```

```r
library(foreign)
data <- read.dta("Data/mto_sci_puf_cells_20130206.dta")
```

Showing header level 1

Showing header level 2

Showing italicized text

Showing bold text

Showing ordered list

1. component 1
2. component 2
3. component 3
   - element 3a
   - element 3b

- Showing unordered list
  - part-one
  - part-two
    * sub-part-one
  - part-three


```
x <- 10 # side of a square
```

The area of a square with a side 10, is 100

```
# my_variable <- 10
# my_variable
# Error: object 'my_variable' not found
```

the letter i is not the same as in defining the variable so it presented such error for the output

Using 4 hashes before and after text to create section and easily find it through huge code ("https://twitter.com/karo_urb/status/1271061743360528384")

It is P-Value Fishing for me as I believe that most researchers want their analysis of data to be significant to confirm their views and can try multiple techniques or different variations of the same technique until they get the value they want (i.e., less than 0.05).