ANA 515 Assignment4

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Description Of Data:

I am using data from github (Alcohol Consumption) from the Five Thirty Eight's GitHub data repository . (https://github.com/fivethirtyeight/data/tree/master/alcohol-consumption) data shows Where Do People Drink The Most Beer, Wine And Spirits. File is in .csv format has 4.41 KB size.File has total 193 rows which has contry data along with beer, wine, sprit serivings and total liters of pure alcohol 5 column.File has fixed width and going to calculate max, min and mean of beer served and total liter of alcohol from all contries.Namibia max beer serving and Belarus for Total liter of alcohol.

#comment read_csv function is used to read the file #

```
alcohol_data  <- rename(alcohol_data ,Beer_Serv = beer_servings)
stringsAsFactors = FALSE
head(alcohol_data, 2)

##        country Beer_Serv spirit_servings wine_servings
## 1 Afghanistan         0               0             0
## 2      Albania        89             132            54
##    total_litres_of_pure_alcohol
## 1                           0.0
## 2                           4.9

The data set has 193 rows and 5 columns.The names of the columns and a brief
description of each are in the table below:
```

#New Table With three column name along with description.

```
    Alcohol.data1 <- data.frame(
  contry = c("Afghanistan","Albania","Algeria","Andorra","Angola"),
  beer_servings = c("0","89","25","245","217"),
  spirit_servings = c("0","132","0","138","57"),
  wine_servings =  c("0","54","14","312","45"),
  Description = c("Total_Beer&wine&sprit serve in
Afganistan=0","Total_Beer&wine&sprit serve in
Albania=275","Total_Beer&wine&sprit servein
Algeria=39","Total_Beer&wine&sprit serve in
Andorra=695","Total_Beer&wine&sprit serve in Angola=319"),
  stringsAsFactors = FALSE
)
```

```
# Print the data frame.
print(Alcohol.data1)
```

```
##          contry beer_servings spirit_servings wine_servings
## 1 Afghanistan             0               0             0
## 2      Albania            89             132            54
## 3      Algeria            25               0            14
## 4      Andorra           245             138           312
## 5       Angola           217              57            45
##                                 Description
## 1 Total_Beer&wine&sprit serve in Afganistan=0
## 2  Total_Beer&wine&sprit serve in Albania=275
## 3    Total_Beer&wine&sprit servein Algeria=39
## 4  Total_Beer&wine&sprit serve in Andorra=695
## 5   Total_Beer&wine&sprit serve in Angola=319
```

#Max, Min and Mean value of Beer_serv and Total litres of pure alcohol

```
Summarytable <- summary(data_pick3)
print(Summarytable)
```

```
##    country              Beer_Serv      total_litres_of_pure_alcohol
##  Length:193         Min.   :  0.0    Min.   : 0.000
##  Class :character   1st Qu.: 20.0    1st Qu.: 1.300
##  Mode  :character   Median : 76.0    Median : 4.200
##                     Mean   :106.2    Mean   : 4.717
##                     3rd Qu.:188.0    3rd Qu.: 7.200
##                     Max.   :376.0    Max.   :14.400
```