Assignment: ASSIGNMENT 5
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```
## Set the working directory to the root of your DSC 520 directory
setwd("C:/Users/anjal/OneDrive/Desktop/MS/DSC520/dsc520")

## Load the `data/r4ds/heights.csv` to
heights_df <- read.csv("C:/Users/anjal/OneDrive/Desktop/MS/DSC520/dsc520/data
/r4ds/heights.csv")

head(heights_df)

##    earn   height    sex ed age  race
## 1 50000 74.42444   male 16  45 white
## 2 60000 65.53754 female 16  58 white
## 3 30000 63.62920 female 16  29 white
## 4 50000 63.10856 female 16  91 other
## 5 51000 63.40248 female 17  39 white
## 6  9000 64.39951 female 15  26 white

## Using `cor()` compute correclation coefficients for

## height vs. earn
cor(heights_df$height,heights_df$earn)

## [1] 0.2418481

### age vs. earn
cor(heights_df$age,heights_df$earn)

## [1] 0.08100297

### ed vs. earn
cor(heights_df$ed,heights_df$earn)

## [1] 0.3399765

## Spurious correlation
## The following is data on US spending on science, space, and technology in
millions of today's dollars
## and Suicides by hanging strangulation and suffocation for the years 1999 t
o 2009
## Compute the correlation between these variables

tech_spending <- c(18079, 18594, 19753, 20734, 20831, 23029, 23597, 23584, 25
525, 27731, 29449)
suicides <- c(5427, 5688, 6198, 6462, 6635, 7336, 7248, 7491, 8161, 8578, 900
```

```
0)
cor(tech_spending,suicides)

## [1] 0.9920817
```