Assignment(1)

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## R Markdown

netflix\_india <- read.csv("C:\\Users\\archa\\Downloads\\archive (2)\\netflix\_india\_shows\_seasons.csv")  
View(netflix\_india)

This file has been imported from <https://www.kaggle.com/datasets/jhajalaj/netflix-india-shows-and-movies>

mode(netflix\_india$episode\_count)

## [1] "numeric"

median(netflix\_india$episode\_count)

## [1] 10

mean(netflix\_india$episode\_count)

## [1] 11.99176

max(netflix\_india$episode\_count)

## [1] 188

sd(netflix\_india$episode\_count)

## [1] 10.13416

These values represent descriptive statistics for a selection of quantitave variables. The above values shows mode, median, maximum,and standard deviation for the quantitave variables.

str(netflix\_india$name)

## chr [1:4368] "Friends" "Friends" "Friends" "Friends" "Friends" "Friends" ...

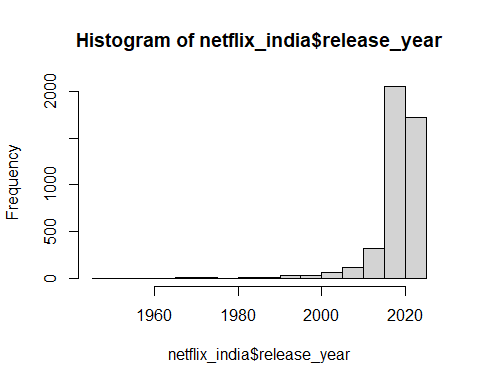
These values represent categorical descriptive analysis of variables.

netflix\_india\_transformed <-(netflix\_india$episode\_count - mean(netflix\_india$episode\_count)/median(netflix\_india$episode\_count))  
head(netflix\_india\_transformed)

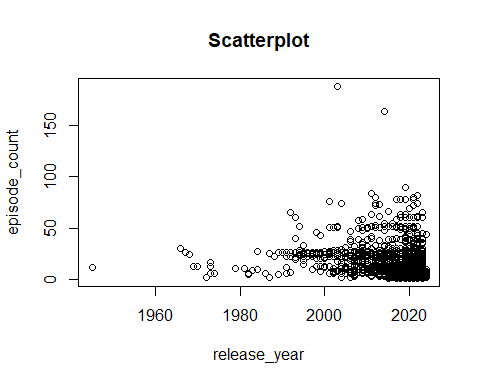
## [1] 22.80082 22.80082 23.80082 22.80082 22.80082 23.80082

Transformation of variables has been done above.

hist(netflix\_india$release\_year)

 The above graphical representation is a histogram.

x <-netflix\_india$release\_year  
y <-netflix\_india$episode\_count  
plot(x,y, main="Scatterplot", xlab = "release\_year", ylab = "episode\_count" )

 The above graphical representation is a scatterplot. The selected variables are episode\_count and release\_year.