netflix shows

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```
#Reference: https://www.kaggle.com/yamqwe/netflix-showse?select=netflix.csv
data1 = read.csv("C:/Users/rdevi/OneDrive/Desktop/net assign.csv")
data1
```

```
##                    title rating
## 1           White Chicks  PG-13
## 2    Lucky Number Slevin      R
## 3         Grey's Anatomy  TV-14
## 4           Prison Break  TV-14
## 5  How I Met Your Mother  TV-PG
## 6           Supernatural  TV-14
## 7           Breaking Bad  TV-MA
## 8    The Vampire Diaries  TV-14
## 9       The Walking Dead  TV-MA
## 10   Pretty Little Liars  TV-14
## 11      Once Upon a Time  TV-PG
## 12              Sherlock  TV-14
## 13            Death Note  TV-14
## 14                Naruto  TV-PG
##                                                                    ratingLevel
## 1                         crude and sexual humor, language and some drug content
## 2                             strong violence, sexual content and adult language
## 3  Parents strongly cautioned. May be unsuitable for children ages 14 and under.
## 4  Parents strongly cautioned. May be unsuitable for children ages 14 and under.
## 5             Parental guidance suggested. May not be suitable for all children.
## 6  Parents strongly cautioned. May be unsuitable for children ages 14 and under.
## 7          For mature audiences.  May not be suitable for children 17 and under.
## 8  Parents strongly cautioned. May be unsuitable for children ages 14 and under.
## 9          For mature audiences.  May not be suitable for children 17 and under.
## 10 Parents strongly cautioned. May be unsuitable for children ages 14 and under.
## 11            Parental guidance suggested. May not be suitable for all children.
## 12 Parents strongly cautioned. May be unsuitable for children ages 14 and under.
## 13 Parents strongly cautioned. May be unsuitable for children ages 14 and under.
## 14            Parental guidance suggested. May not be suitable for all children.
##    ratingDescription release.year user.rating.score user.rating.size
## 1                 80         2004                82               80
## 2                100         2006                91               82
## 3                 90         2016                98               80
## 4                 90         2008                98               80
## 5                 70         2014                94               80
## 6                 90         2016                95               80
```

```
## 7                110         2013                97                80
## 8                 90         2017                91                80
## 9                110         2015                98                80
## 10                90         2016                96                80
## 11                70         2016                98                80
## 12                90         2016                95                80
## 13                90         2006                77                80
## 14                70         2008                88                80
```

```
mean(data1$release.year)
```

```
## [1] 2012.214
```

```
median(data1$release.year)
```

```
## [1] 2014.5
```

```
sd(data1$release.year)
```

```
## [1] 4.693343
```

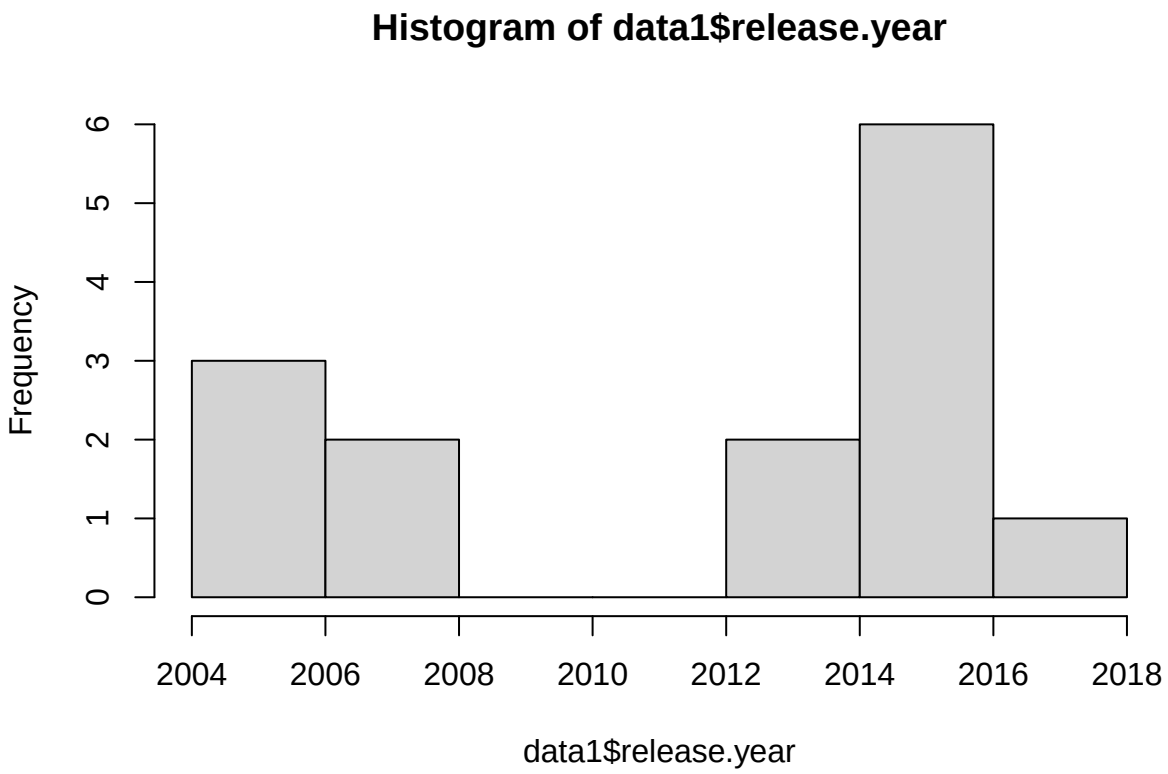
```
table(data1$ratingLevel)
```

```
##
##                         crude and sexual humor, language and some drug content
##                                                                              1
##         For mature audiences.  May not be suitable for children 17 and under.
##                                                                              2
##            Parental guidance suggested. May not be suitable for all children.
##                                                                              3
## Parents strongly cautioned. May be unsuitable for children ages 14 and under.
##                                                                              7
##                             strong violence, sexual content and adult language
##                                                                              1
```

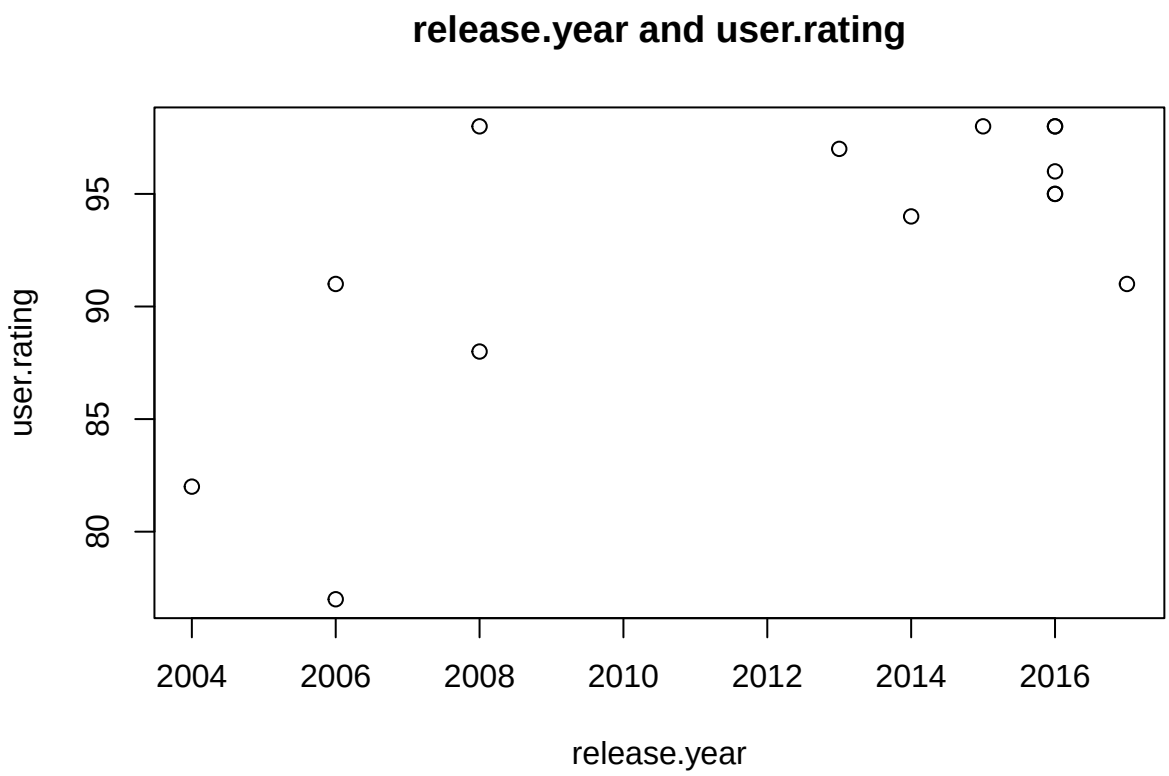
```
#Transforming one variable
data1$user.rating.score_transformed = data1$user.rating.score + log(data1$user.rating.score)/median(data
data1$user.rating.score_transformed
```

```
##  [1] 82.04639 91.04748 98.04826 98.04826 94.04782 95.04794 97.04815 91.04748
##  [9] 98.04826 96.04805 98.04826 95.04794 77.04572 88.04713
```

```
#histogram of one variable
hist(data1$release.year)
```




```
#scatter plot
x = data1$release.year
y = data1$user.rating.score
plot(x,y,main = "release.year and user.rating", xlab = "release.year", ylab = "user.rating")
```


release.year and user.rating
user.rating
80
85
90
95
2004
2006
2008
2010
2012
2014
2016
release.year