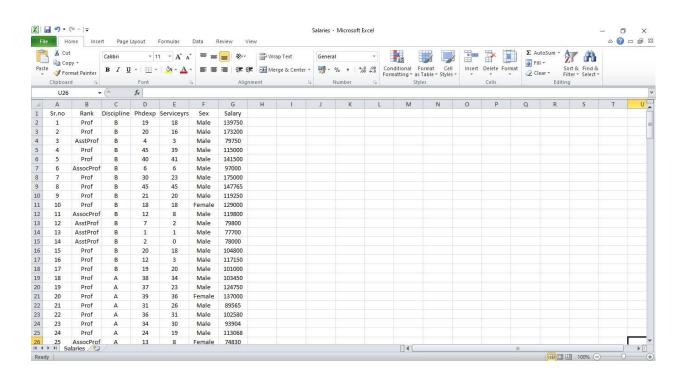
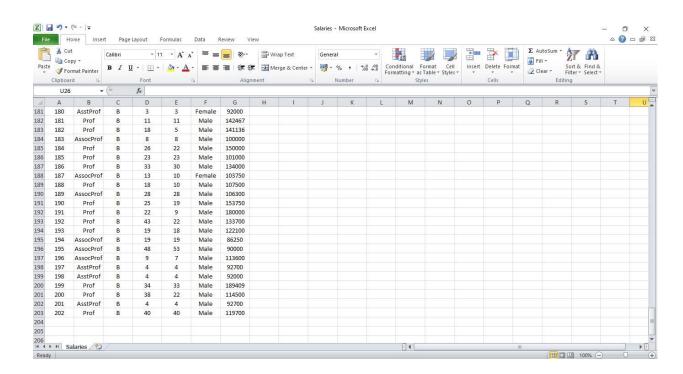
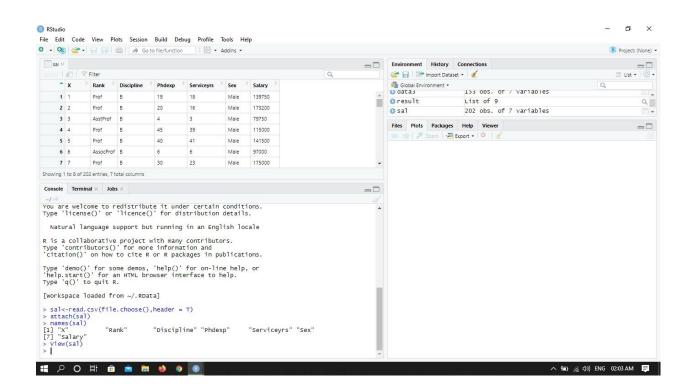
❖ Dataset View:





❖ Import Dataset:



❖ Mean, Median:

❖ Summary:

```
> summary(sal)
X
Min. : 1.00
                             Discipline
                     Rank
                                          Phdexp
                                                       Serviceyrs
                                        Min. : 1.00 Min. : 0.00
               AssocProf: 41 A: 49
 1st Qu.: 51.25
               AsstProf: 43
                                        1st Qu.:10.00
                                                      1st Qu.: 5.00
                              B:153
 Median :101.50
               Prof :118
                                        Median :18.00
                                                      Median :14.00
 Mean :101.50
                                        Mean :19.38
                                                      Mean :15.38
                                                      3rd Qu.:23.00
 3rd Qu.:151.75
                                        3rd Qu.:28.00
 Max. :202.00
                                        Max. :56.00 Max. :57.00
               Salary
 Female: 23
           Min. : 62884
            1st Qu.: 90237
 Male :179
            Median :105380
            Mean :111456
            3rd Qu.:128787
            Max. :231545
>
```

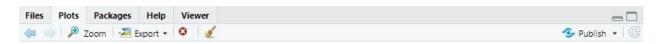
❖ Str:

❖ Bar plot:

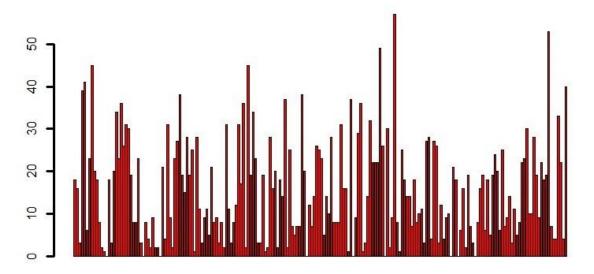
Code:

```
> 
> 
> barplot(Serviceyrs, main="BarPlot for Service Year")
> barplot(Serviceyrs, main="BarPlot for Service year", col=2, lwd=3)
> |
```

Output:



BarPlot for Service year

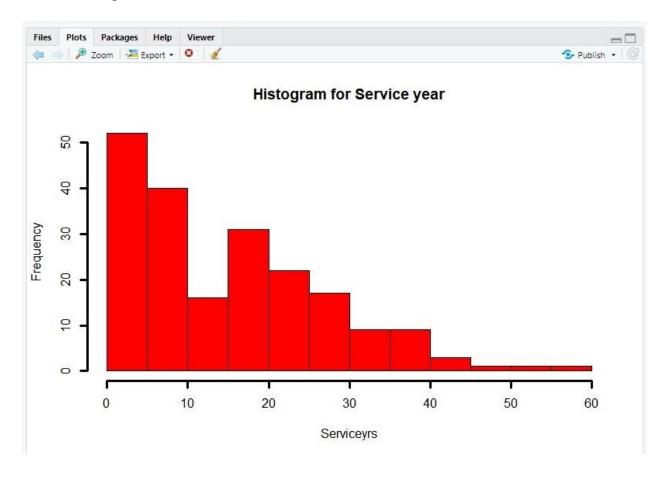


❖ Histogram:

Code:

```
>
> hist(Serviceyrs, main="Histogram for Service year" )
> hist(Serviceyrs, main="Histogram for Service year", col=2, lwd=3)
> |
```

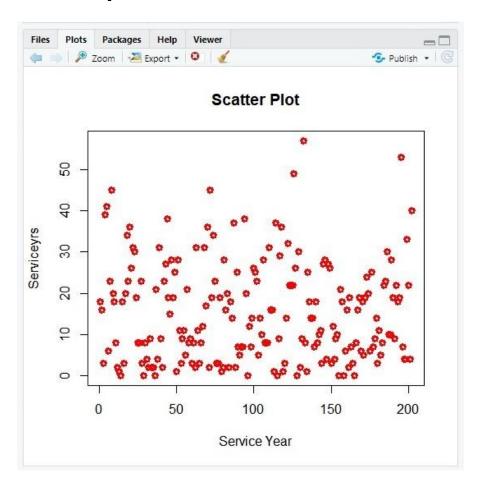
Output:



❖ Scatter Plot:

Code:

Output:



❖ Decision Tree:

Code:

Output:

