

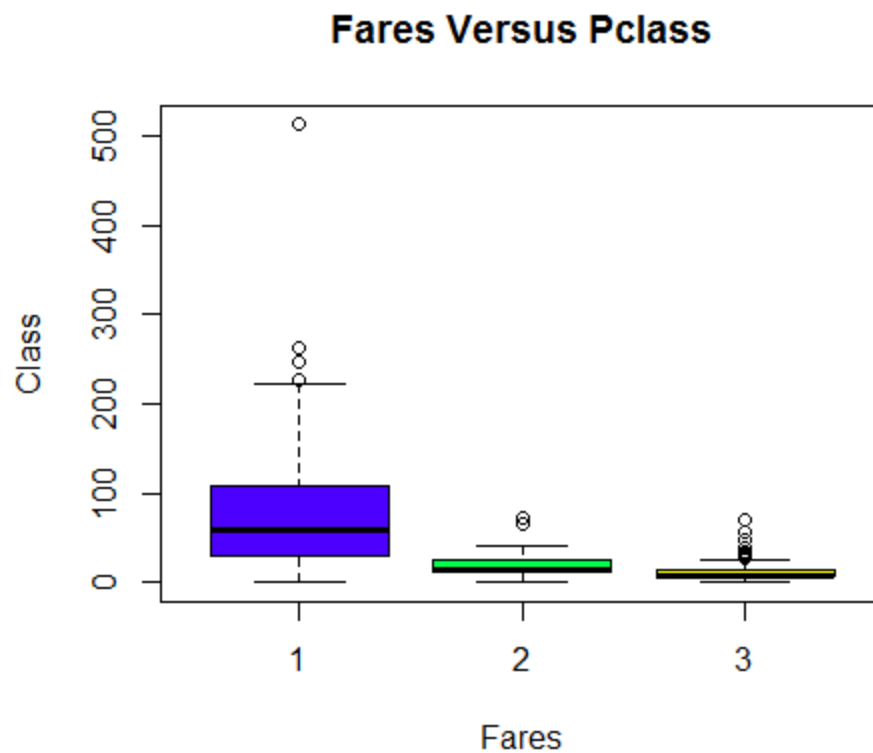
## Assignments for session on “VISUALIZATION AND PLOTTING”

a. Is there any difference in fares by different class of tickets?

Note - Show a boxplot displaying the distribution of fares by class

Yes, there is.

```
boxplot(titanic3$fare~titanic3$pclass,data= titanic3,  
        main="Fares Versus Pclass",xlab="Fares",ylab="Class",col=topo.colors(3))
```



b. Is there any association with Passenger class and gender?

Note – Show a stacked bar chart

There is an association

```
counts<-table(titanic3$sex,titanic3$pclass)
barplot(counts, main = "Distribution of class by gender", xlab="Pclass", col=c("blue", "red"),
legend = c("Female","Male"), names.arg = c("Pclass_1", "Pclass_2","Pclass_3"))
```

