

## ACADGILD ASSIGNMENT 6.2

**a. Is there any difference in fares by different class of tickets? Note- show a boxplot displaying the distribution of fares by class**

**Answer:**

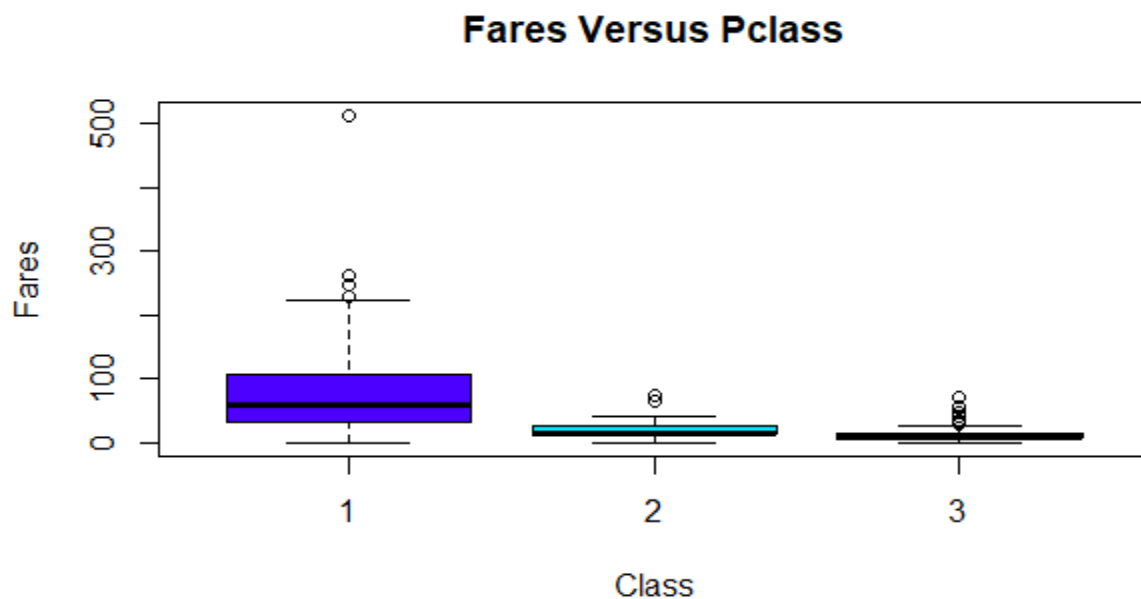
```
library(readr)
```

```
titanic3 <- read_csv("C:/Users/Rajesh  
Chowdary/Downloads/titanic3.csv")
```

```
View(titanic3)
```

```
str(titanic3)
```

```
boxplot(fare~pclass,data= titanic3,main="Fares Versus  
Pclass",xlab="Class",ylab="Fares",col=topo.colors(4))
```



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

**Note- show a stacked bar chart**

**Answer:**

```
counts<-table(titanic3$sex,titanic3$pclass)
barplot(counts, main = "Distribution of Class by gender", xlab="Pclass",
col=c("red", "green"), legend = c("Female","Male"), names.arg =
c("Pclass1st", "Pclass2nd","Pclass3rd"))
```

