**Session 6 – Visualization and Plotting**

**Assignment – 2**

**Problem Statement**

**1. Import the Titanic Dataset from the link Titanic Data Set.**

**Perform the following:**

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

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

**Ans.**

dataset$Fare <- (dataset$Fare - fareStats$avgFare)/fareStats$stdFare

boxplot(fareStats$avgFare ~ Fare, , main = 'Fare', xlab = 'class', ylab = 'avgFare')avgFare

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

**Note – Show a stacked bar chart**

**Ans.**

summary(train$Sex)

prop.table(table(train$Sex, train$Survived)