Assignment 6.2

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Batch : DA with R , Excel and Tableau

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

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

Note – Show a stacked bar chart

a) use boxplot

boxplot(fare~pclass,data= titanic,

main="Fares Versus Pclass",xlab="Fares",ylab="Class",col=topo.colors(3))

b)stacked bar chart

counts<-table(titanic$sex,titanic$pclass)

barplot(counts, main = "Distribution of Class by gender", xlab="Pclass", col=c("blue", "red"), legend = c("Female","Male"), names.arg = c("Pclass1st", "Pclass2nd","Pclass3rd"))