

Session 6 – Visualization

and Plotting

Assignment - 2



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**Introduction**



This assignment will help you to understand the key concepts learnt in this session.

**Objective**



This assignment will test your skills on Visualization and Plotting operations in R.

**Prerequisites**



Not Applicable

**Associated Data Files**



Not Applicable

**Problem Statement**



1. Import the Titanic Dataset from the link [Titanic Data Set.](file:///D:/R/new%20assignments/session1/Assignment1.docx) 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

boxplot(fare~pclass,data= titanic,

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

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"))

**Expected Output**



Not Applicable

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