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**DATA ANALYTICS WITH R, EXCEL and TABLEAU**

**Session 7 – Assignment – 7.3**

**1. Create a box and whisker plot by class using mtcars dataset.**

**Answer:** i find class variable in mpg dataset hence i'm plotting that here

using mpg dataset to plot boxplot between variable class & hwy

library(ggplot2)

ggplot(mpg, aes(x=class, y=hwy,fill=class, font.main=3)) +

         ggtitle(toupper("Different Classes")) +

  geom\_boxplot(alpha=0.3) +theme(legend.position="none")

one more example

boxplot(mpg~cyl, data=mtcars,

        main= toupper("Fuel Consumption"), font.main=3,

        col= topo.colors(3), xlab="Number of Cylinders",

        ylab="Miles per Gallon")