ACADGILD ASSIGNMENT 7.3

SESSION 7: Basic Statistics

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

Answer:

library(readr)

mtcars <- read_csv("C:/Users/ManojChowdary/Downloads/mtcars.csv")

View(mtcars)

mtcars

View(mtcars)
str(mtcas)

mtcars1 <- mutate(mtcars,

cyl = as.factor(cyl),

disp = as.factor(disp),

vs = as.factor(vs),

am = as.factor(am),

gear = as.factor(gear),

carb = as.factor(carb),

mpg = mpg, hp = hp, drat = drat, qsec=qsec)
str(mtcars1)

boxplot(mpg~carb, data = mtcars1, col =
c("Red","Green","Blue","Pink","yellow","orange"),main="Bo
xplot showing distribution of mpg for each carb")

Boxplot showing distribution of mpg for each carb