**Histogram**

hist(AirPassengers,

main="Histogram for Air Passengers",

xlab="Passengers",

border="blue",

col="red",

xlim=c(100,800),

las=2,

breaks=5)

#Other options

#colors = c("red", "yellow", "green", "violet", "orange", "blue", "pink", "cyan")

#xlim=c(100,700), ylim=c(0,30))

#breaks=c(100, 300, 500, 700))

#breaks=c(100, seq(200,700, 50)))

#for creating curve on histogram

lines(density(AirPassengers))

**Box Plot**

str(airquality)

boxplot(airquality$Ozone)

boxplot(airquality$Ozone,

main = "Mean ozone in parts per billion at Roosevelt Island",

xlab = "Parts Per Billion",

ylab = "Ozone",

col = "orange",

border = "brown",

horizontal = TRUE

)

**#Box Plot with more than Two variables**

ozone <- airquality$Ozone

temp <- airquality$Temp

boxplot(ozone, temp,

main = "Multiple boxplots for comparision",

names = c("ozone", "temp"),

las = 2,

col = c("orange","red"),

border = "brown",

horizontal = TRUE

)

boxplot(Temp~Month,

data=airquality,

main="Different boxplots for each month",

xlab="Month Number",

ylab="Degree Fahrenheit",

col="orange",

border="brown"

)

boxplot(mpg~cyl,data=mtcars, main="Car Milage Data", xlab="Number of Cylinders", ylab="Miles Per Gallon")

**Bar Plot**

counts <- table(mtcars$gear)

barplot(counts, main="Car Distribution",

xlab="Number of Gears")

# Grouped Bar Plot

counts <- table(mtcars$vs, mtcars$gear)

barplot(counts, main="Car Distribution by Gears and VS",

xlab="Number of Gears", col=c("darkblue","red"),

legend = rownames(counts), beside=TRUE)