Practical 1:

head(airquality)

mean(airquality)

mean(airquality$Solar.R, na.rm = TRUE)

New\_df = airquality

head(New\_df)

New\_df$Ozone = ifelse(is.na(New\_df$Ozone),

median(New\_df$Ozone,

na.rm = TRUE),

New\_df$Ozone)

head(New\_df$Ozone)

##create excel file with two columns roll,marks keep few marks blank.save it as csv file

dt=read.csv(file.choose())

head(dt)

dt$marks = ifelse(is.na(dt$marks),

mean(dt$marks,

na.rm = TRUE),

dt$marks)

#Removing outliers using boxplot

data <- iris[,2]

length(data)

boxplot(data)

boxplot(data, plot = FALSE)$out

outliers <- boxplot(data, plot = FALSE)$out

data\_no\_outlier <- data[-which(data %in% outliers)]

boxplot(data\_no\_outlier, plot = FALSE)$out

length(data\_no\_outlier)

boxplot(data\_no\_outlier)





