```
#Facebook Dataset
dataset_Facebook<- read.csv("/home/anuj/Desktop/dataset_Facebook.csv",sep=",")
#histogram
hist(dataset_Facebook$Post.Month,col="blue",main="Histogram of Monthly Post",xlab = "Total
Monthly Post",ylab="Users")
#bar plot
barplot(table(dataset_Facebook$Post.Weekday),main="Facebook Post Distribution",xlab="Posts on
Weekdays",ylab="Users")
#Pie Chart
link<-subset(dataset_Facebook,Type == "Link")
photo<-subset(dataset_Facebook,Type == "Photo")
status<-subset(dataset_Facebook,Type == "Status")
video<-subset(dataset_Facebook,Type == "Video")
slices<-c(nrow(link),nrow(photo),nrow(status),nrow(video))
lbls<-c("Link","Photo","Status","Video")
pie(slices,labels=lbls,main="Pie Chart of Types of Posts")
#Box Plot
boxplot(dataset_Facebook$Post.Weekday ~
dataset_Facebook$Paid,xlab="Paid",ylab="Post.Weekday",main="Box Plot")
#Scatter Plot
#outlier removal
dataset_Facebook$comment[dataset_Facebook$comment>30]<-
mean(dataset_Facebook$comment[dataset_Facebook$comment<30])
plot(dataset_Facebook$Post.Month,dataset_Facebook$comment,xlab="Monthly
Posts",ylab="Comments",main="Scatter Plot")
#Heart Disease Dataset
hdata <- read.csv("/home/anuj/Desktop/SL-VI/Assign-08/heartdisease.csv",sep=",")
#Histogram
hist(hdata$age,main="Histogram of Age",xlab="Age",ylab="Patients",col = "green")
#bar plot
barplot(table(hdata$age),main="Bar Plot of Age",xlab="Age",ylab="Frequency")
#Pie Chart
slices<-c(nrow(male),nrow(female))
lbls<-c("Male","Female")
pie(slices,labels=lbls,main="Pie Chart of Patients")
#Box Plot
boxplot(hdata$age ~ hdata$num,
+
main="Fate by Age",
+
ylab="Age",xlab="Heart disease")
#Scatter Plotplot(hdata$age,hdata$thalach,xlab="Age",ylab="Maximum heart rate
achieved",main="Scatter
Plot")
```