> setwd("C:/Users/Thiru/Documents/dv/project3/Thiru")

> getwd()

[1] "C:/Users/Thiru/Documents/dv/project3/Thiru"

> DS=read.csv("housing\_price.csv")

View(DS)

> x<-DS[1:20,]

y<-DS[1:5]

length(DS)

[1] 32

> names(DS)

[1] "housenum" "acre" "acregroup" "adj1998"

[5] "adj2007" "adj2011" "bedgroup" "bedrooms"

[9] "bikescore" "diff2014" "distance" "distgroup"

[13] "garage\_spaces" "garagegroup" "housenum.1" "latitude"

[17] "longitude" "no\_full\_baths" "no\_half\_baths" "no\_rooms"

[21] "pctchange" "price1998" "price2007" "price2011"

[25] "price2014" "sfgroup" "squarefeet" "streetno"

[29] "streetname" "zip" "Full.address" "walkscore"

##linedot

plot(x$housenum,x$bikescore,type="b",xlab="housenumber",ylab="bikescore")

##barplot

barplot(y$bedrooms,main="bedrooms",xlab="no.of bedrooms",ylab="count")

> install.packages("Rcpp")

Installing package into ‘C:/Users/Thiru/Documents/R/win-library/3.2’

(as ‘lib’ is unspecified)

trying URL 'https://cran.mtu.edu/bin/windows/contrib/3.2/Rcpp\_0.12.1.zip'

Content type 'application/zip' length 3189695 bytes (3.0 MB)

downloaded 3.0 MB

package ‘Rcpp’ successfully unpacked and MD5 sums checked

Warning: unable to move temporary installation ‘C:\Users\Thiru\Documents\R\win-library\3.2\file152439e24530\Rcpp’ to ‘C:\Users\Thiru\Documents\R\win-library\3.2\Rcpp’

>The downloaded binary packages are in

C:\Users\Thiru\AppData\Local\Temp\RtmpioYkUp\downloaded\_packages

> library(ggplot2)

>##ggplot2

qplot(x=x$streetname,y=x$acre,data=x,geom="boxplot",main="Total areas as per Streets",xlab="Street name",ylab="acres")

demo(lattice)

library(lattice)

>##lattice

z<-table(x$bedrooms)

>densityplot(~x$zip,main="zip",xlab="zip")

> splom(x[c(8,13,15)],main="house information")

> legend("topright", names(z), cex=0.8, fill=cols)

>###########################################

>##Question 3

> a=read.csv("airport.csv")

> b<-a[1:10,]

> View(b)

>##linedot

> plot(b$sno,b$sch\_dep,type="b",xlab="airport departures",ylab="departures planned",main="Departures scheduled")

>##barplot

> barplot(b$City,b$per\_dep,main="City Performed Departures",xlab="City",ylab="count")

> legend("topright", names(c), cex=0.8)

>##ggplot2

>qplot(x=b$Airport,y=b$enplanned\_p,data=b,geom="point",main="Enplaned passengers",xlab="Airport name",ylab="Count")

>##lattice

attach(c)

attach(b)

>densityplot(~b$sch\_dep,main="Density Plot",xlab="No of departures planned")

> splom(b[c(4,5,6)],main="enplanned data")