R BOOPIOE

Plot can create Rusing bomplot()

e8; max. temp = c(22,27,26,24,23,26,28) badplote max. temp?

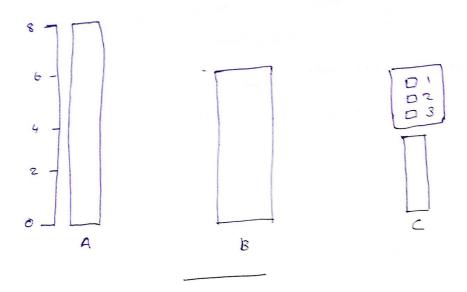
main = "maximum temperature" xlab = " Degree_ celsius", Ylab = " Day" col="8ed", . "sat"))

names-agg = c ("sun"

no diz = TRUE OF FALSE, density = 10 / booder = "blue",

naximum temp degree ceisius

x = C(1,1,1,1,1,1,2,2,2,2,3,3,3,1,1,2,2,3,3)Y = Lable(x)barplot (height = 7, names. arg = LETTERS [1:33, space = 5, width = ccs, 8, 2), legend-Lext=T)



- > data ("mtcazs")
- > names(mtcards)
- > "mpg" "cyi" "disp" "hp" "drat" "wt" "gsec" "vs" "am" "geas"
- > m+cads \$ c71
 - 664686844668888444488884448684

14

1 8

10

8

- >mtcass\$geas
- > table (mtcars \$ C71)
 - 4 6 8
 - 11 7 14
- >tablecont (ars \$ gear)

3 4 5

15 12 5

> table cmtcars & cyl, mt cars & gear)

3 4 5

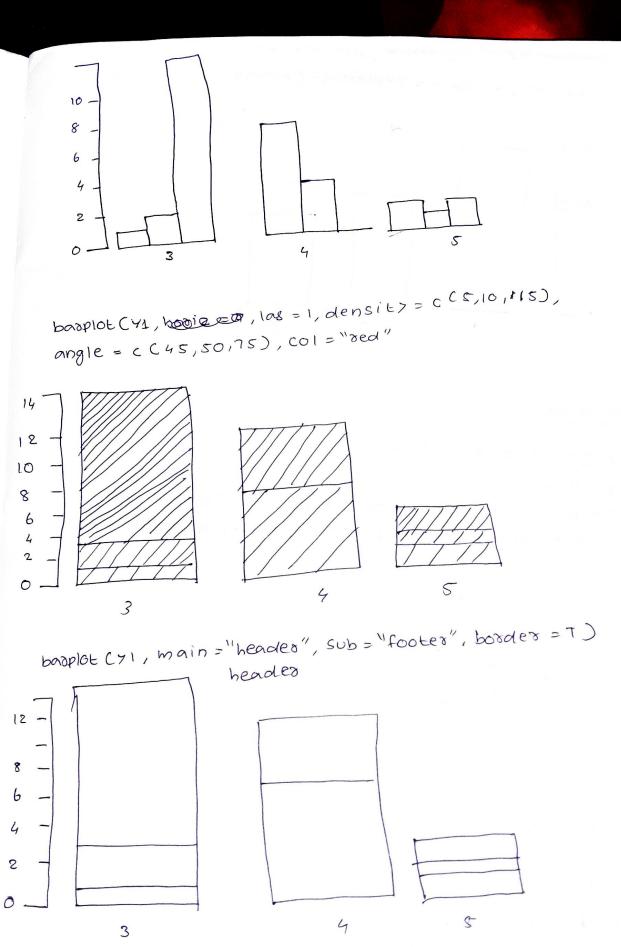
4 1 8 2

6 2 4 1

8 12 0 2

> y1=EableCmtcass \$cyl, mtcass\$geaz)

> bapplot (71), beside=T)



geors"

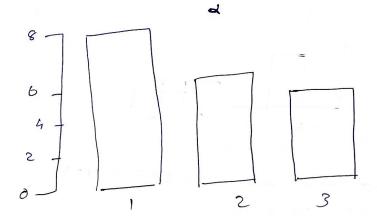
684

55554

2

Footes

baroplot(71,7lim=c(0,10), xlim c(0,5) basplote (YI, main = expression (alpha)



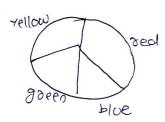
R pie chart

x = C C 1, 1, 2, 2, 3, 3, 4, 4, 4)

Y = table(x)

Pie (7, main = "m> Plot", labels = c C "red", "blue", "green", "rellow") edges = 200, radius. 5, clockwise = 7, col = 1:4, border = 7)

MY Plot



liboary CPIGGDIX)

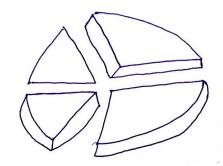
2 Ple3D

Pie 3D(Y)

Pie3D (4, esc plade = .5)

Pie3D(Y, explode = . 2)

Ple3D(y, explode = ·1)



R histogram

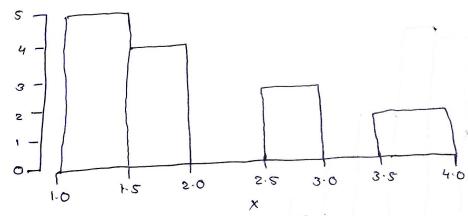
>x = c (1,1,1,1,2,2,2,2,3,3,4,4)

> x

11111222233344

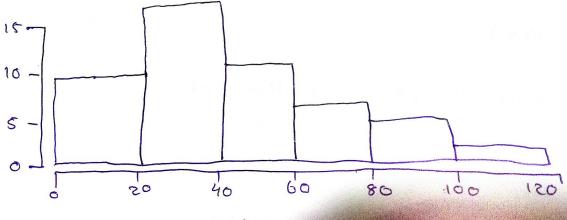
> bist(x)

Histogram of x



> hist ccars\$dist)

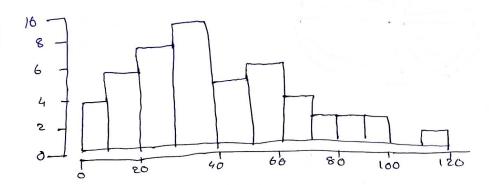
Histogram of carstdist



cars\$ dist

hist(cass& dist, breaks = 10, main = "my histogram", xlab=" ")

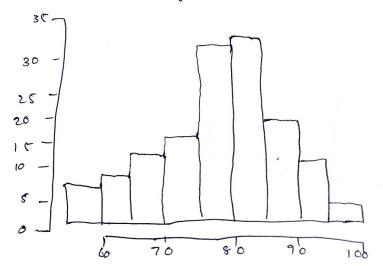
Ylab = " ")



airquality

temp= aioguality \$temp hist (temp)

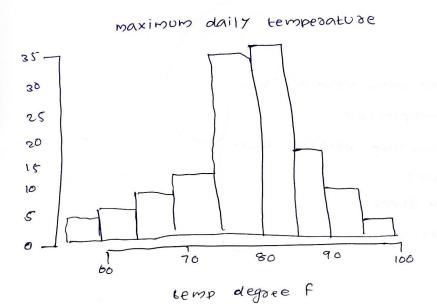
histogram of temb



> sto (aioquality)

* main, xlab and >1ab, xlim and >lim, col * faeq = false 15=17

hist(temp, main="maximum daily temperature", xlab=" Temp in adegree F", col= vain bow(20))



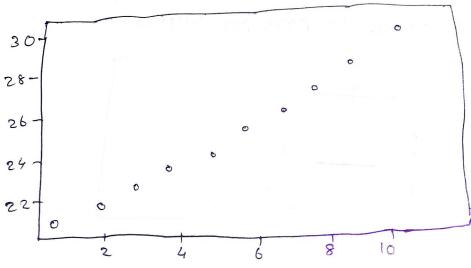
Plot R scatter

> x =1:10

> 7 = 21:30

> PIOECX,Y)

> Plot(x,7, main = "scatter plot", xlab = "x value", ylab="> values", col = 1:10).



plot (X,Y, main = "scatter plot", xlab = "x values", ylab = "y values",

col = 1:10, type = "p"

"p -> for points

"i" -> for lines

"b" -> for both

"c" -> for the lines part alone of "b".

"o" -> for both everplotted

"h" -> for histogram like vertical lines

"s" -> for stair steps

"s" -> for other steps

"s" -> for other steps

"s" -> for other steps

R-BOX PICES

>sto cairquality)

Thatplot Cair quality \$ @zone)

>basplot (air quality \$ 0 zone, main="mean ozone in parts
per billion", xlab="parts per billion", 7lab="0 zone", col=
"red", notch=T)

mean ozone in past per billion

