Greaphs and charts

1 Basplob

- basplotes

" We can supply a vector or matrix as III " If we supply a vector the plot will have bors with their heights equal to the elms in

tu vector.

lemp: c(27,26,23,24, 26,28,25)
boxplot (temp)

Min - Leading.

Axbb: ocaseis name

ylab: y axis name

rame avg: name of each bag

col-color name of bas

horiz - horizondel graph (Lhoriz = TRUE)

density - Shading (desig=10)

boeche - boe boeder color

Pie Chart

function; Pie (2)

9: 26=c(1,1,1,2,2,3,3,4,4,4)

y= table (36)

Pie (3)

· main: Leading "First")

· X - input value. labels- le give lables name bor stiels · edges · circular 0/P & rie is approsei mahe by a polygon with many edge Colefault in a rooters - to change rootius, alipant . 0.8, max. - clockewise - to label in aloctomise alsochen Colockwise = D · density - 6 shadle pie eg: density = c(10, 20, 30, 40) -> all. shading coch slide expers oc assis have - col- 6 gire colors - boldes - 6 give boldes

boldes = F

we can make 3D by installing plotise
estipie 3D (y)
it make the pie chart into pieces.

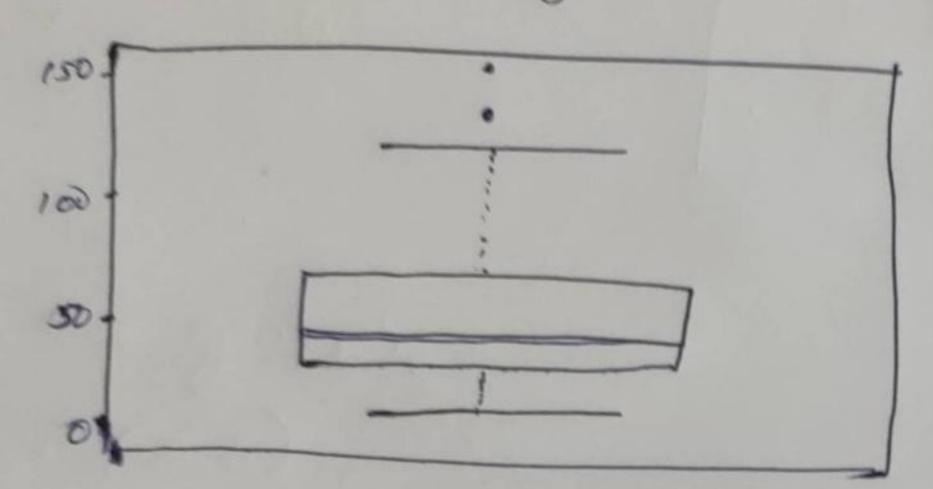
De dable (31)

14 is 60 geam DL= C(1,1,1,1,1,1,2,2,3,3,3,4,4) To see geouping: > cert (x,6) a main - heading 1 x lab - x oxisname ylab- y aquix name 1 gen - 20 gen period alim-xlimit glim-glimit - COI - CO/oux. · densig - Shading density = c(20,30,40) - freq - get the poobability districts real of free · las - lo show the limit values hosizon 6 · bossler - set bossler bordles = F breakes - no. of cells we want. - Phue where tu break occur · Counts - noing observations fallsy in the teell

Scatter Plot > Pbt (c(5,6,7,8,9)) > 4 = 6: 10 > Plot(x,y) Main - heading x lab amagine or a day of · ylab col-color AND THE PROPERTY OF THE PROPER · Gpe- 'p' for points 'i' for ling Marine Parket Committee of the Committee 'b' both line & Point \_\_. 'c' for bre port above of 16' - Branks ove plated\_ 's' bor Listogeam

## Bosc Plot

- " quantitative data Ploting
- · function box plot
  - · Example:
    - > box plot (air quality 40 zone)



- \* Main
- glab
- a col
- · notch notch in the plot notch = T
- i honzontal: honzontal= T display have plot horizon by

multiple box ploti

- > 0 Z = air quality \$ ozone
- > temp= airquality \$ temp
- > wind = airgual'y \$ wind
- > boxplot (02 D, temp, wind)
- · Var width:
  - change the box width