AZMS Visualise the data vieng & python by

DBJECTIVES:

Jo understand i To understand & apply analytics someget of long data using R/ python.

ii To study detailed data visualisation in R. 1. R- PIE- CHARIS: In R, pie chart is created ning pie () fun? which takes & positive nos as a vector i/s. The additional parameters are need to control labels, color, title, etc. lyntax:
pie (x, label, gadins, main, col, closhwise) label - med to give description.

radius - radius of pie

main - title of chart

vol - rolor platette alsokvise -> legical value indicated if slices are drawn clockwise or autialockwise. x = (21,62,10,58) lalele = (("dondon", " New york", "lingapore",
"Mumbai")

33156 # Plot the chart
pie (x, label) It five chart file a name pag (file = " city.png") # Sare file Der. off () 2. R-BAR- CHARTS: de bar chart represents data in hectangular lears with length of lears proportional to the value of variable. I week learplat () for the Learplot (H, Xlale, Ylale, main, names, arg, col M - vector xlab -> x label Male - M label main - title names, arg - vector of names and - colour of lears. H = c (7,12, 28, 3, 41) barplot (H) R - BOX PLOTS : Box plots are used to measure how well dalaste distributed data is in a dataset. It divides dataset into of quartiles. This graph represents min, mass, median, 1st gnartile, 38 gnartile

Syntax: boxplot (x, data, notch, var width, names, nain) data - dataframe notch -> logical value names - group labels
main - title. input = ntcass [, ('mpg', 'cyl')] de histogram represents the frequencies of values of a variable bucketed ranges. Rues hist () Syntax: liet (v, main, xlab, xlim, rlim, sol, border) main -> title col - eslour lørder -> horder eslowr

xlab -> x label

xlim -> range of values on x-axis

ylim -> gange of values on Y-axis list (v, xlab = " weight", col: " yellow"

Page No.: Date: y plotting graphs. CONCLUSION: