DATA SCIENCE WITH & PROGRAMMING

doct = "HI, Iam southish and 18 years old"

print grepl ('[A-Z]', test) && pattern = grept ('[0-9]', text)

pattern

Output:

Tome

used Regest. As graph whocks all gues linary output Here he the string and values in

data = redd. Csv ("Covid 19. csv) # Importing data

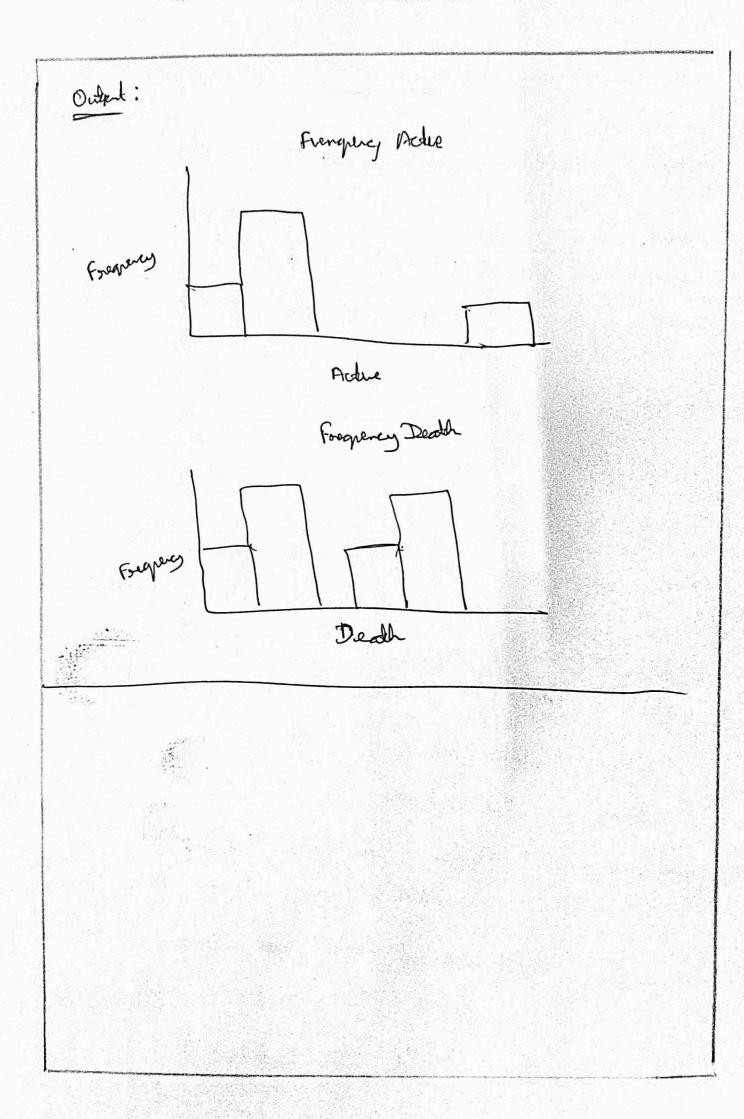
# Variables acture = data & Acture

death = data & Deaths

active hist = lest Cactue, cd = "xellow", xlab = "Active" Ylat = "Esquency, Main = "Active Forequery")

dooth\_but = hut (dooth, ld="oral", oclah="Dooth", Year : "Facquerey, main = "Death Graguency")

Signed (Fox sight", C(df & Ardhe, of & Decols))



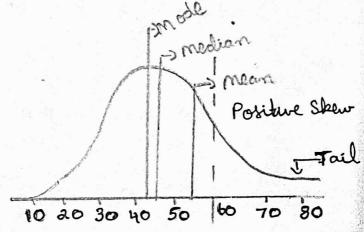
Skewnegs:

neasure of the asymmetory of the probability a real valued random variable distribution of about its

Types of Skewners:

Positive Skew:

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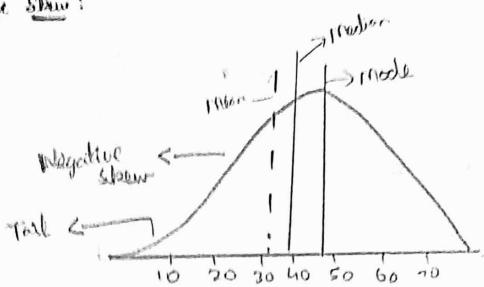


distribution with the tail A positive skewed its ought side

Value of skewness for a postavely skewed distribution is greater than zero.

Mean >> median >> Mode

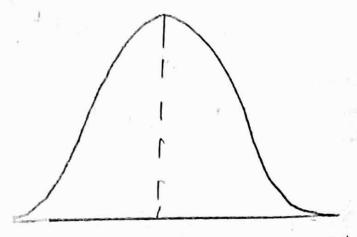
Negative Strue:



Megatively Stewed Distribution as the distribution either deal on little left Value of S. Hewners is less than your

mean < median < mode

Symnobical Show:



Nermal skewness is the pood probability distribution with almost no skewness

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the Code:

# Required Packages:

library (e1071)

df = read. Cov

df = read. Cov (" Python. usu")

stew = # stewness (df \$ Score)

Code:

# Ragword Packages:

library (21071)

df = read. cur (" Python.cur)

#Applying steuries function

when = showners (df & Score)

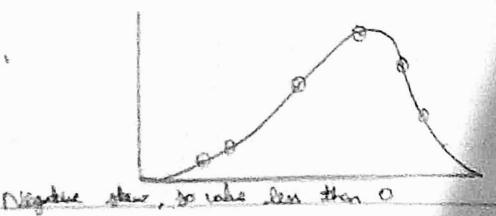
point ( steen ) ( df & morte))

# Plotting a density were

polyon (density ( of & Score), cd = "red", border = "the")

Organy;

-0.111



Min	13h Q	mallon	mean	3rd au	11 one
10	50	68	60	35	95

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data. CSVI Id Nome which. 11 21 Data 15 Bry 11 Large 13 Storage 18 SETS 17 Search 15 monagement

Lebreons (wordsloud)

Of C read. Chr (words. cm)

Storage :

Science

wordsland (words = df \$ Name, freq = df \$ Id,

min.freq = 1, mex. words = 50, random. order = F)

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Pattern: Word Smed Output: INTENEY NO ARGE VOLUME BIGN INFORMATION FINALYSIS NAS ION DATA SEARCH VES MILLIGN DATH LARGE NEWS INTER hayos in ggplot 2 \* data authetic to geometry freeto ditidue \* coodende Codo. Shory ( gaptt2) It Royared Pockages Silvay (poplet 2 mores) by 880 ( dela sentero df = mad. cor (" Could 19. com) pl & goplet ( df, ass ( df & confort

(3)

Library (sophot)

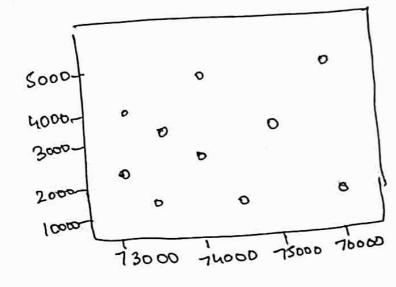
af = read. cor ("Coud 19. cor)

pl = gphot (df, as (x=df & Confined, y = df & Actue))

pl = pl + gron-point()

print (pl)

Output:



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