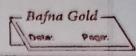
5/3/25 Bafna Gold white a python program to import and export data using rundas Library junctions. 4 To -Do:-1 → It Method 1: Initializing values directly into Dolat rame.

insert your known values, five rows of data with column headings as "USNI", Name", "Marks" - import pandas as pd data = { 'Name USN':['IBM22CS25a', 'IBM22CS230', 'IBM 22CS231', '1BM22CS232', 'BM22CS240) 'Name': ['Shir', 'Ansh', 'Salman', 'Virat', 'Jack'], 'Marks': [99,90,89,69,42]; 04 = pd. Dato Frame (data) print ("Sample data:")
print (df. nead ()) 27 Method 2: Importing datasets from 3klearn datasets # Loading diabetes datasets sklearn, datasets.load-> from sklearn datasets import load diabets. diabetes = load_diabetes () of = pd. Data Frame (diabetes. data, columns = diabetes. de ['target'] = diabetes, target print ("Sample data:") print (of head (?) 37 Method 3: Importing datasets from a specific.csv # Sample-sales-data, CSV. F545G

file-path = 'sales, csr' de = pd. read_csv (file-path)

print (" Sample dato:")

Print (d. head ()). 5 NAME (ISN': [! PARISOCEOSCO!! 1814 o 4) Method 4: Downloading datasets from existing dataset suppsitionies like kaggle, UCT, KEEL etc # Download diabetes datasets from Mendely. point (df. head (1) 54 5G



* TO DO :- 2 + 14 HOFE Bank Ltd., ICITI Bank Ud , Kotak Mahindra Bank Ltd. tickers = ["MOFCBANK, NS", "ICICI.NS", "KOTAK.NS"] -> import pandas as pd import ylinance as yl
import matplotlib. pyplot as plt tickers = ["HOFCBANK.NS", "ICICIBANK.NS",
"KOTAKBANK.NS"] 28 Start date: 2024-01-01, End date: 2024-12-30 > data = 41. download (fickers, Start = "2024-01-01" end="2624-12-30", groupby='ticker') 3) Plot the closing price & daily returns for all the 3 banks mentioned. 7 print (data, head ()) print (data, shape) mint (data, columns) hale bank-data = data ['HDF(BANK, NS'] print ("HDF (BANK Statistics") print (not c bank dater. describe ()) 'nds bonk - data ['Daily Return'] = hofe bank-data ['close']. pct-change() plt. figure (figsize = (12,6))

plt. Subplat (2,1,1)

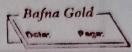
so haf C clafa ['close']. plot (fitle = 'Reliance PIDFC Bank') closing price ')

hose-data ['Daily Return ']. plot (fille - "HDF (Bank-daily returns", colon = 'orange') plt. tight (ayout () plt. show () plt. subplot (2,1,2) hajcodata, to csv ('HDFC. ESV') print ("In HDF (bank data saved to 'hafc. csv'.") icici bank-data = data ['ICICIBANK.NS'] paint (" I(I(I state") point Cicici beenk-data describe (2) icicibank - data [! Daily Return'] = icicibank-data ['close']. iticidata ['Daily Return']= icici data

plt-figure (12,6)

plt-subplot (2,1,1)

icicidata ['Ilne, 17 -1... icicidala s'closi 7. plot (title = "ICICI") plt. Subplot (2,1,2) icidala l'paily Referen'? plot (title = "ICICI-PR", plt. tight_(ayout () icici-data to-csv ('icici-data csv') KOTAK = data [KOTAKBANK.NS] print (" Kotak Steels") print (kotak, describe ()) JY F54 5G Lota ['Daily Refurn'] = Kosek ['Close']; pct sharpel



plt. figure (figsize=(12,62) plt. subplot (2,1,1) plt. subplot (2,1,1)

Kofals ("lose'). plot (fitle = "Kofak Bank")

plt. subplot (2,1,2)

Kofals ['Daily Retwin']. plot (fitle = "Kofak-DR",

Color = 'corange') plt. tight (ayout() plt- Show () Kotak - data, to-csv ('Kotak. (sv') print (") b3c2c2 & Kotak bank data saved In") de \$ 5/3/25 and transformation - His