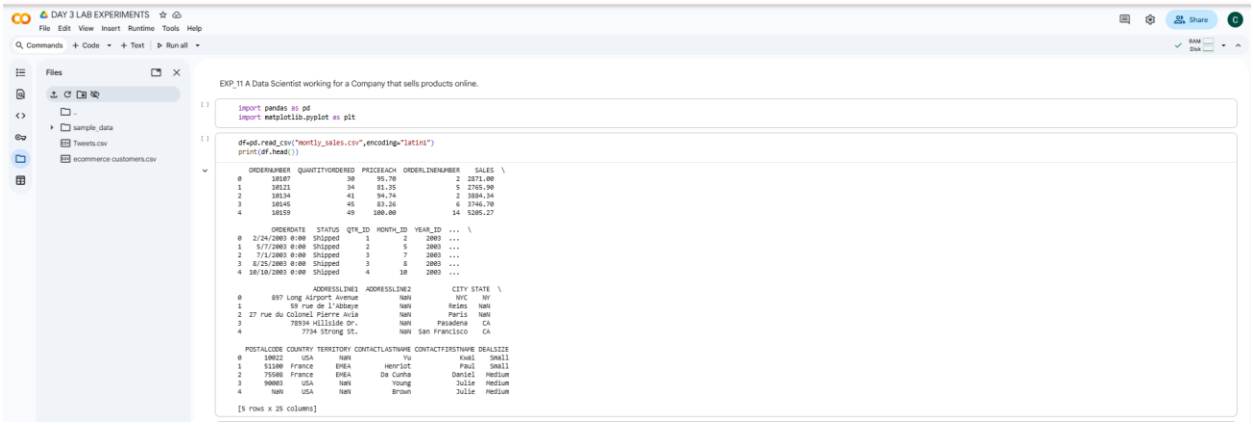
DAY 3 LAB EXPERIMENTS

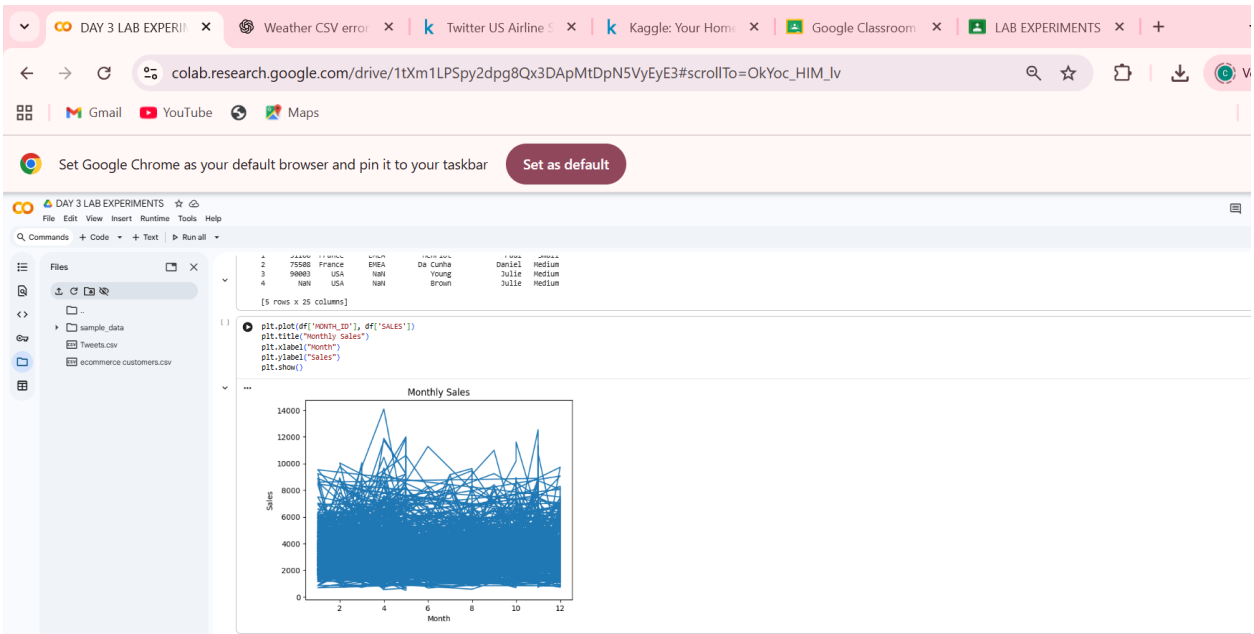
NAME: GUTTI CHAITANYA

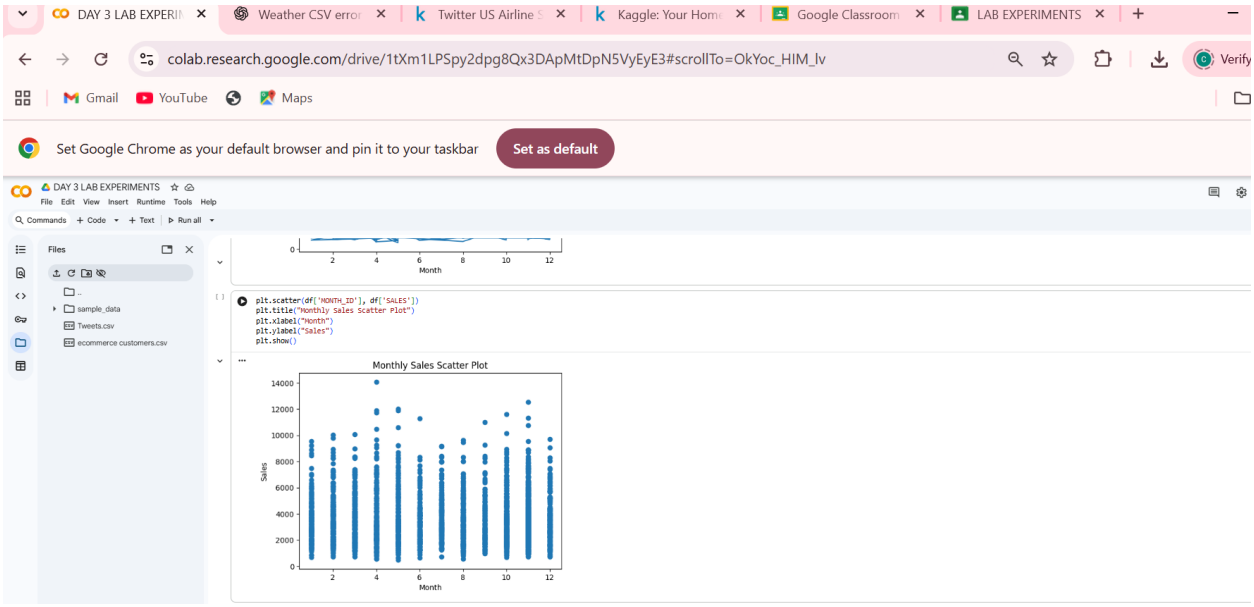
Reg No : 192424185

Date : 18/12/2025

EXP_11 You have been tasked with creating a simple plot to show the sales of a product over time.



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Weather CSV error
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Google Classroom
LAB EXPERIMENTS
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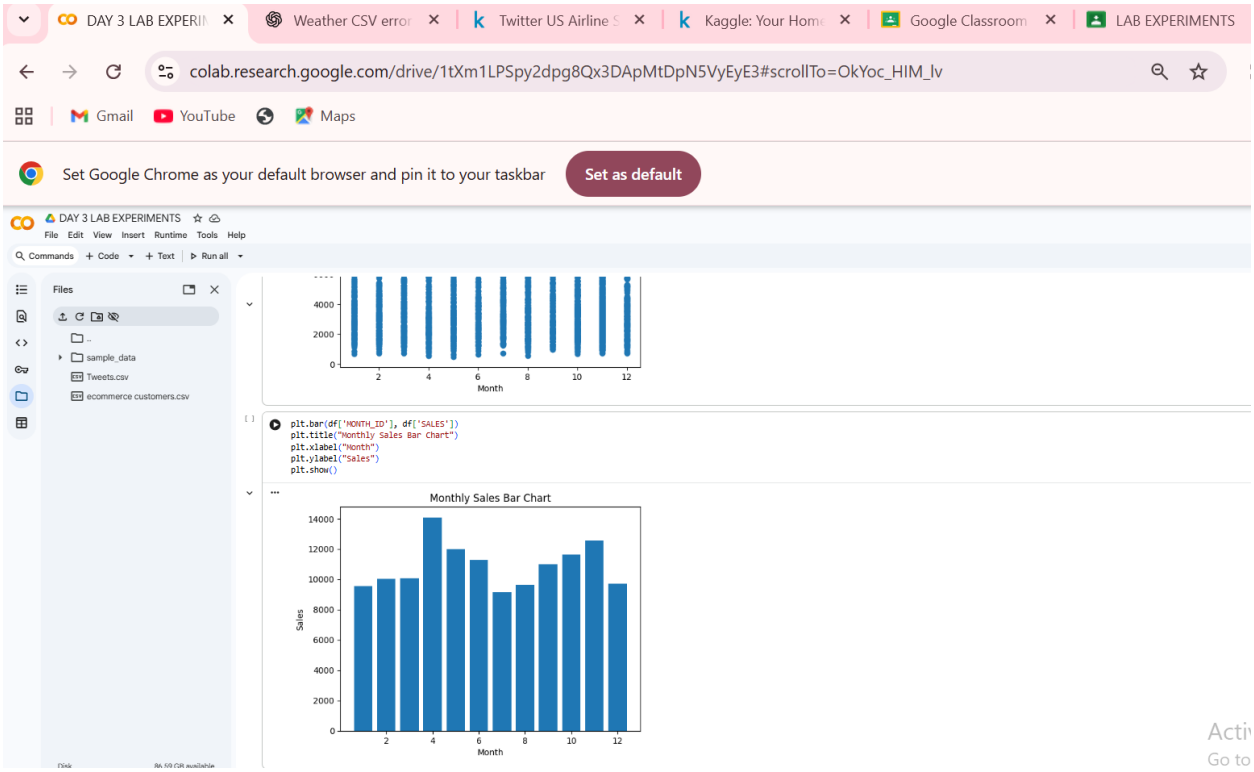
Gmail
YouTube
Maps
Set Google Chrome as your default browser and pin it to your taskbar
Set as default
DAY 3 LAB EXPERIMENTS
File Edit View Insert Runtime Tools Help
Commands + Code + Text Run all
Files
sample_data
Tweets.csv
ecommerce customers.csv
plt.scatter(df['MONTH_ID'], df['SALES'])
plt.title("Monthly Sales scatter Plot")
plt.xlabel("Month")
plt.ylabel("Sales")
plt.show()
Monthly Sales Scatter Plot
Sales
Month


DAY 3 LAB EXPERI
Weather CSV error
Twitter US Airline S
Kaggle: Your Home
Google Classroom
LAB EXPERIMENTS
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Gmail
YouTube
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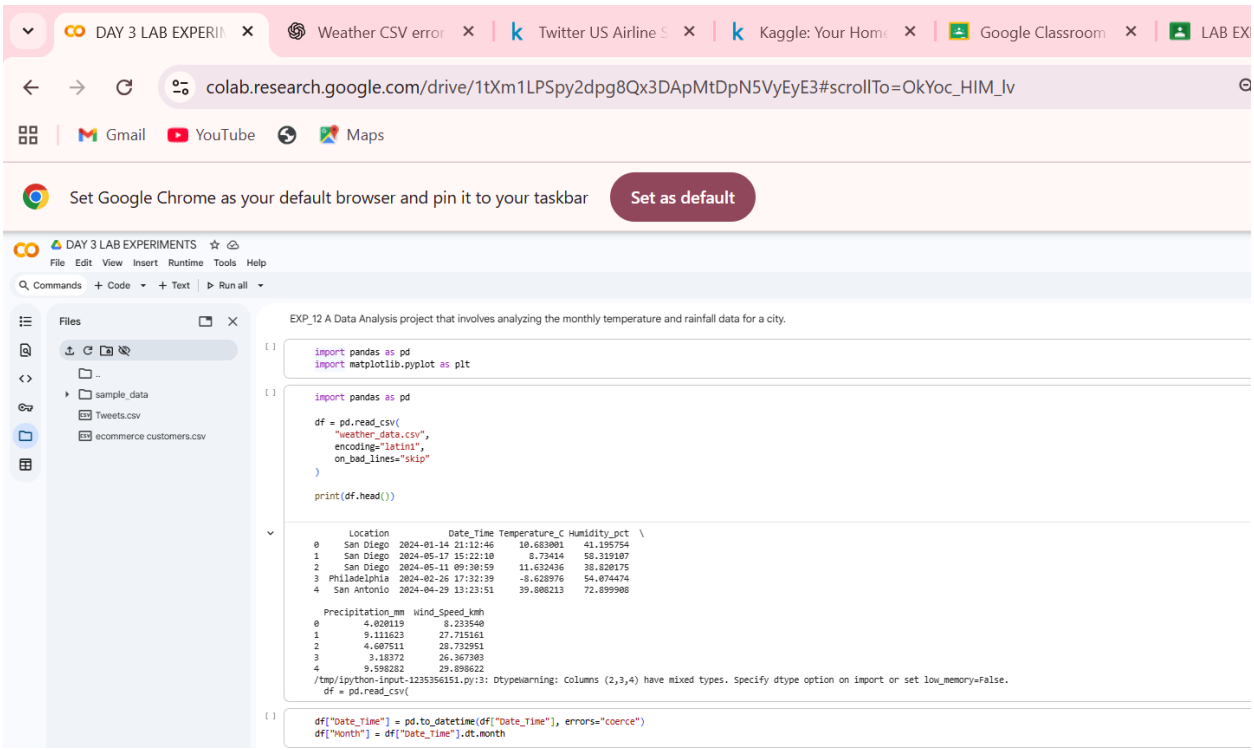
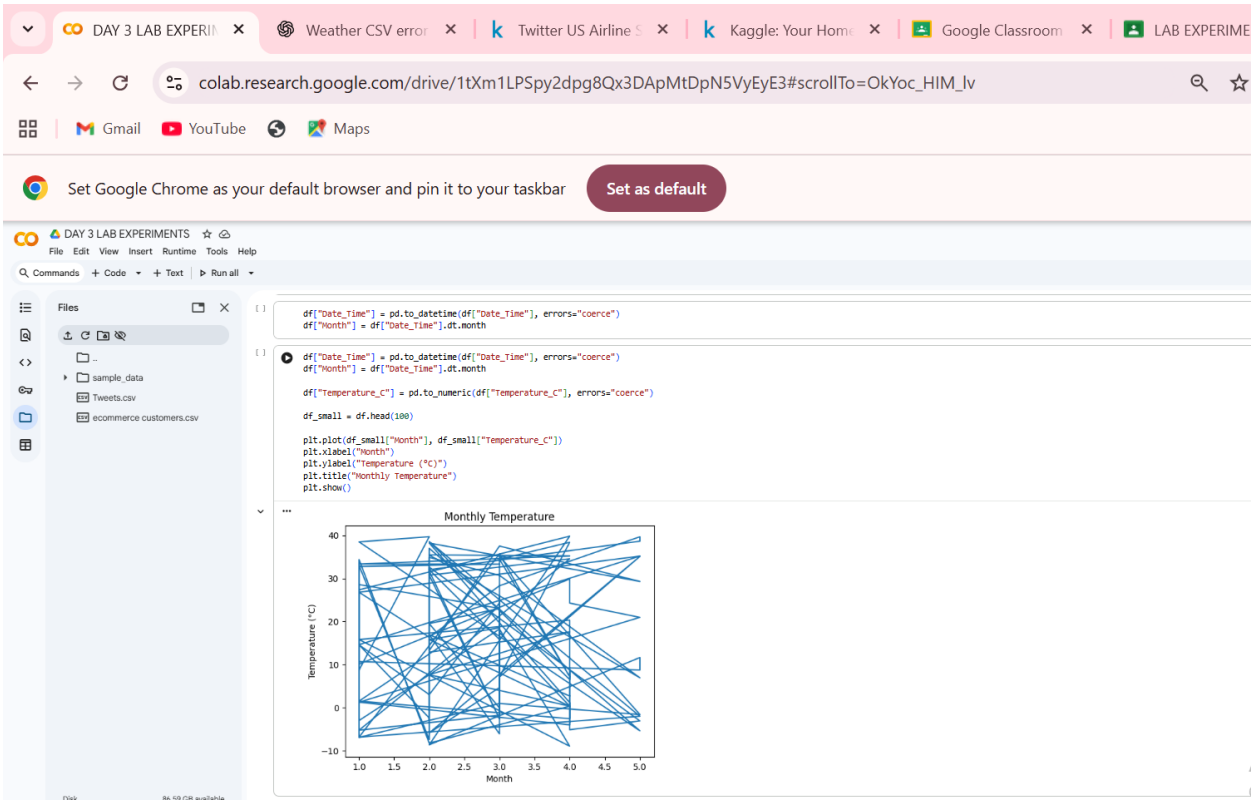
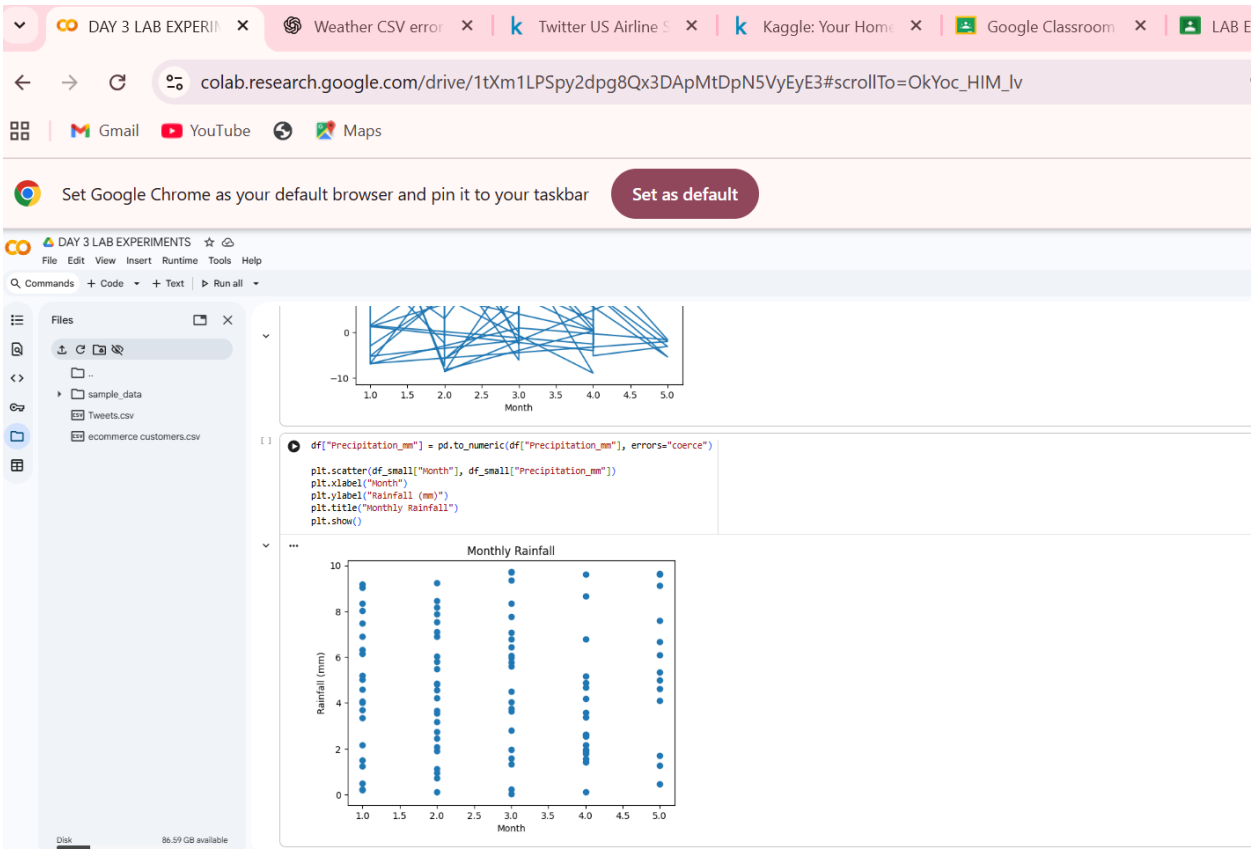
Set Google Chrome as your default browser and pin it to your taskbar
Set as default
DAY 3 LAB EXPERIMENTS
File Edit View Insert Runtime Tools Help
Commands + Code + Text Run all
Files
sample_data
Tweets.csv
ecommerce customers.csv
plt.bar(df['MONTH_ID'], df['SALES'])
plt.title("Monthly Sales Bar Chart")
plt.xlabel("Month")
plt.ylabel("Sales")
plt.show()
Monthly Sales Bar Chart
Sales
Month

EXP_12 To Develop a Python program that generates line plots and scatter plots to visualize the temperature and rainfall data.



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Weather CSV error
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Gmail
YouTube
Maps
Set Google Chrome as your default browser and pin it to your taskbar
Set as default
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File Edit View Insert Runtime Tools Help
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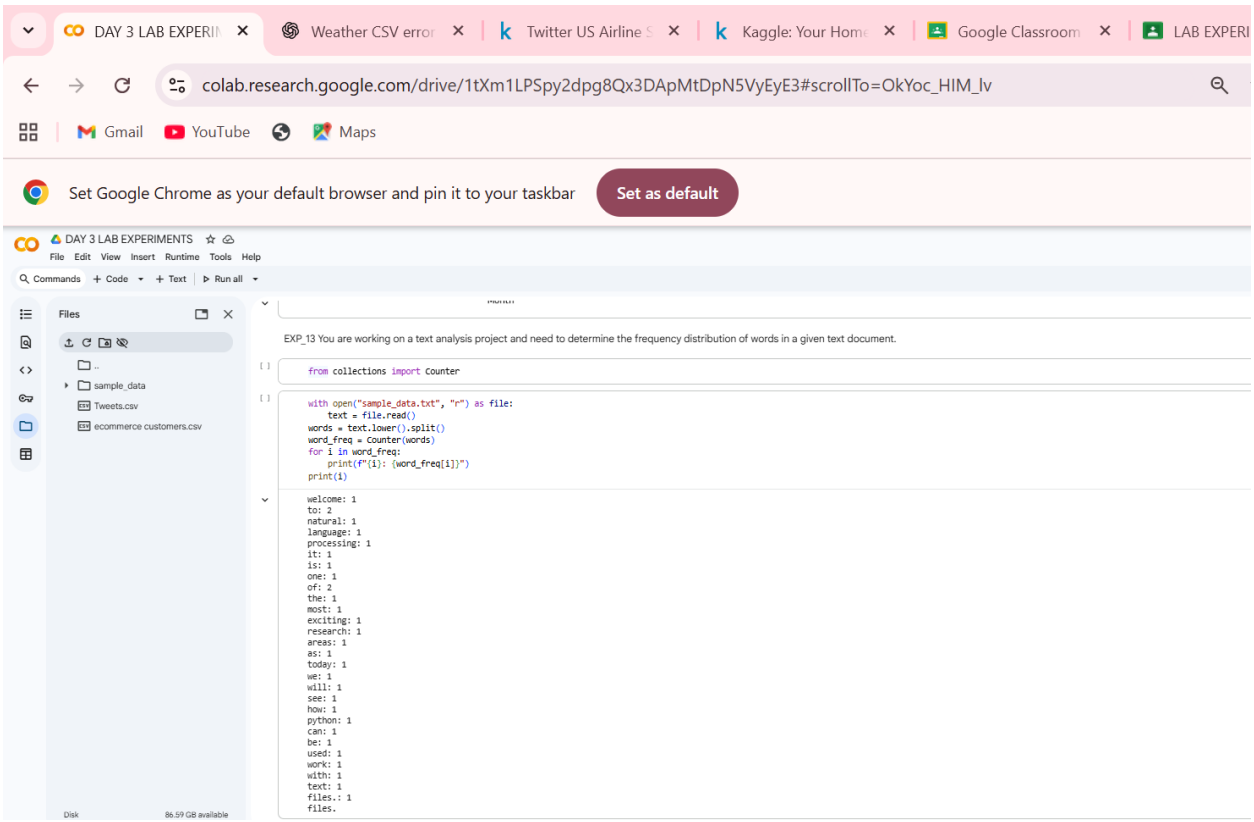
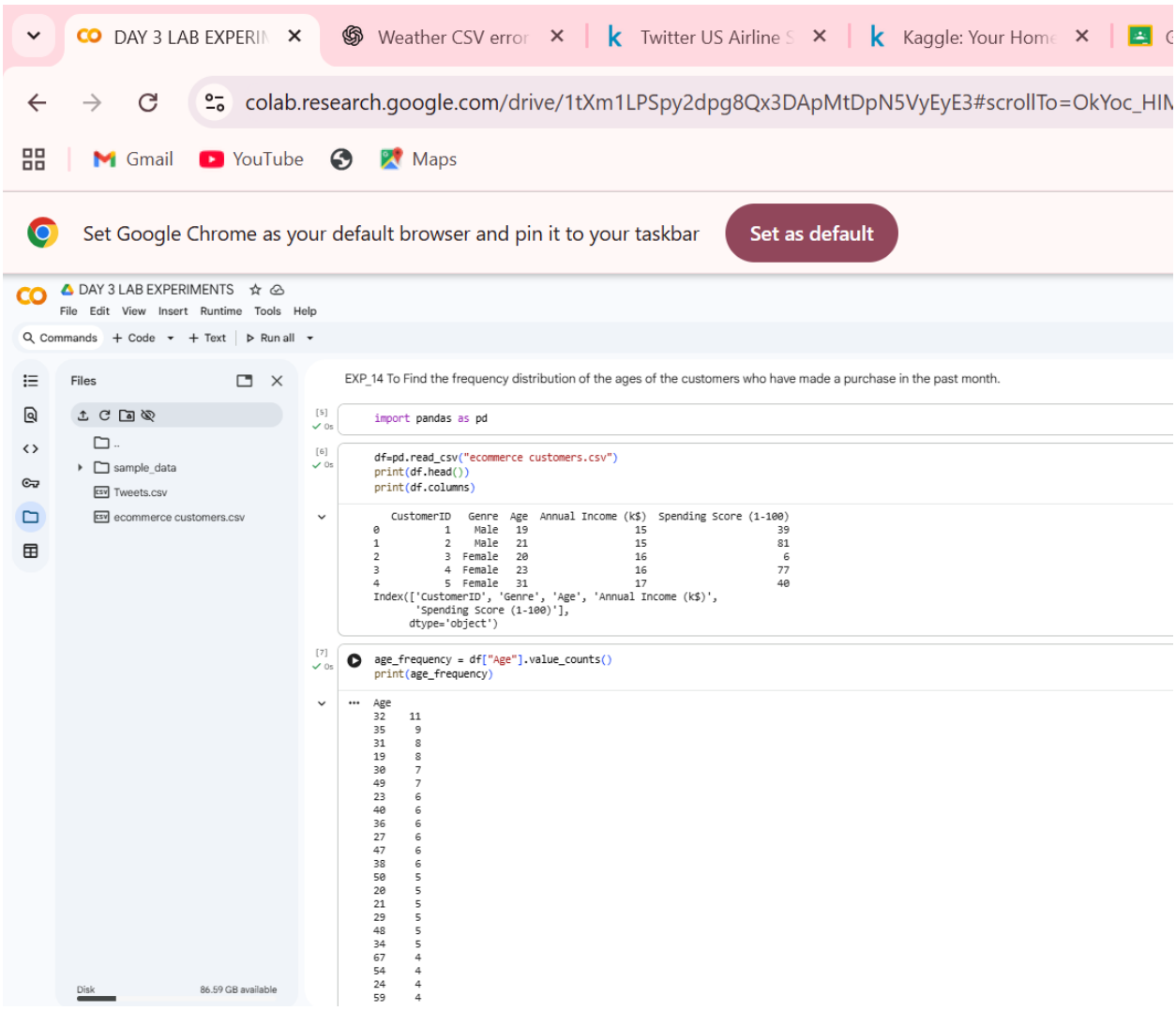
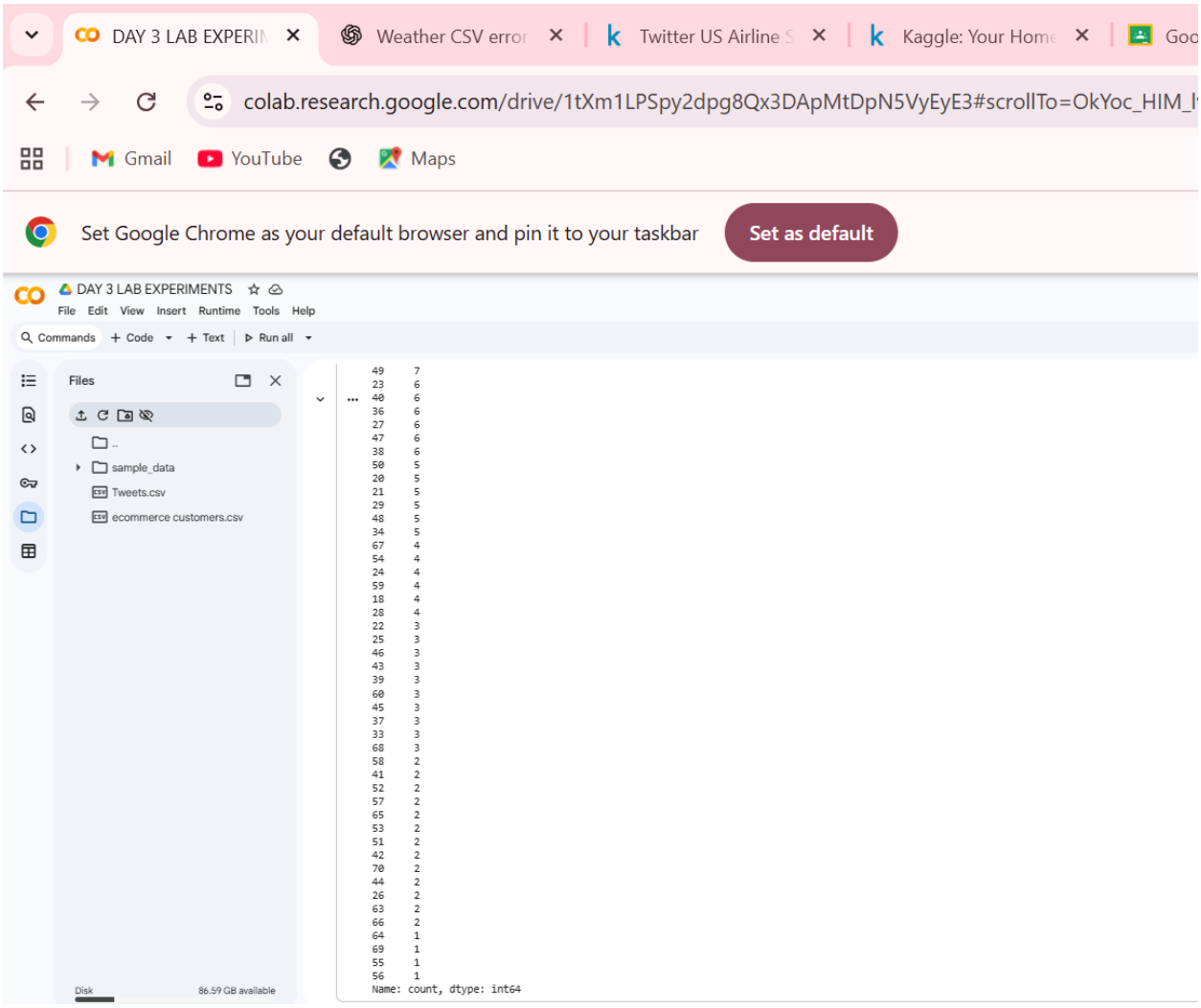
Files
sample_data
Tweets.csv
ecommerce customers.csv
Disk
86.59 GB available
Month
df["Precipitation_mm"] = pd.to_numeric(df["Precipitation_mm"], errors="coerce")
plt.scatter(df_small["Month"], df_small["Precipitation_mm"])
plt.xlabel("Month")
plt.ylabel("Rainfall (mm)")
plt.title("Monthly Rainfall")
plt.show()
Monthly Rainfall
Rainfall (mm)
Month

EXP_13 To Develop a Python program that reads the text document, processes the text, and generates a frequency distribution of the words.



EXP_14 To Develop a code in python to find the frequency distribution of the ages of the customers who have made a purchase in the past month.

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Weather CSV error
Twitter US Airline S
Kaggle: Your Home
colab.research.google.com/drive/1tXm1LPSpy2dpg8Qx3DApMtDpN5VyEyE3#scrollTo=OkYoc_HIM_I
Gmail
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Set Google Chrome as your default browser and pin it to your taskbar
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File Edit View Insert Runtime Tools Help
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Files
sample_data
Tweets.csv
ecommerce customers.csv
Disk
86.59 GB available
49 7
23 6
40 6
36 6
27 6
47 6
38 6
50 5
20 5
21 5
29 5
48 5
34 5
67 4
54 4
24 4
59 4
18 4
28 4
22 3
25 3
46 3
43 3
39 3
60 3
45 3
37 3
33 3
68 3
58 2
41 2
52 2
57 2
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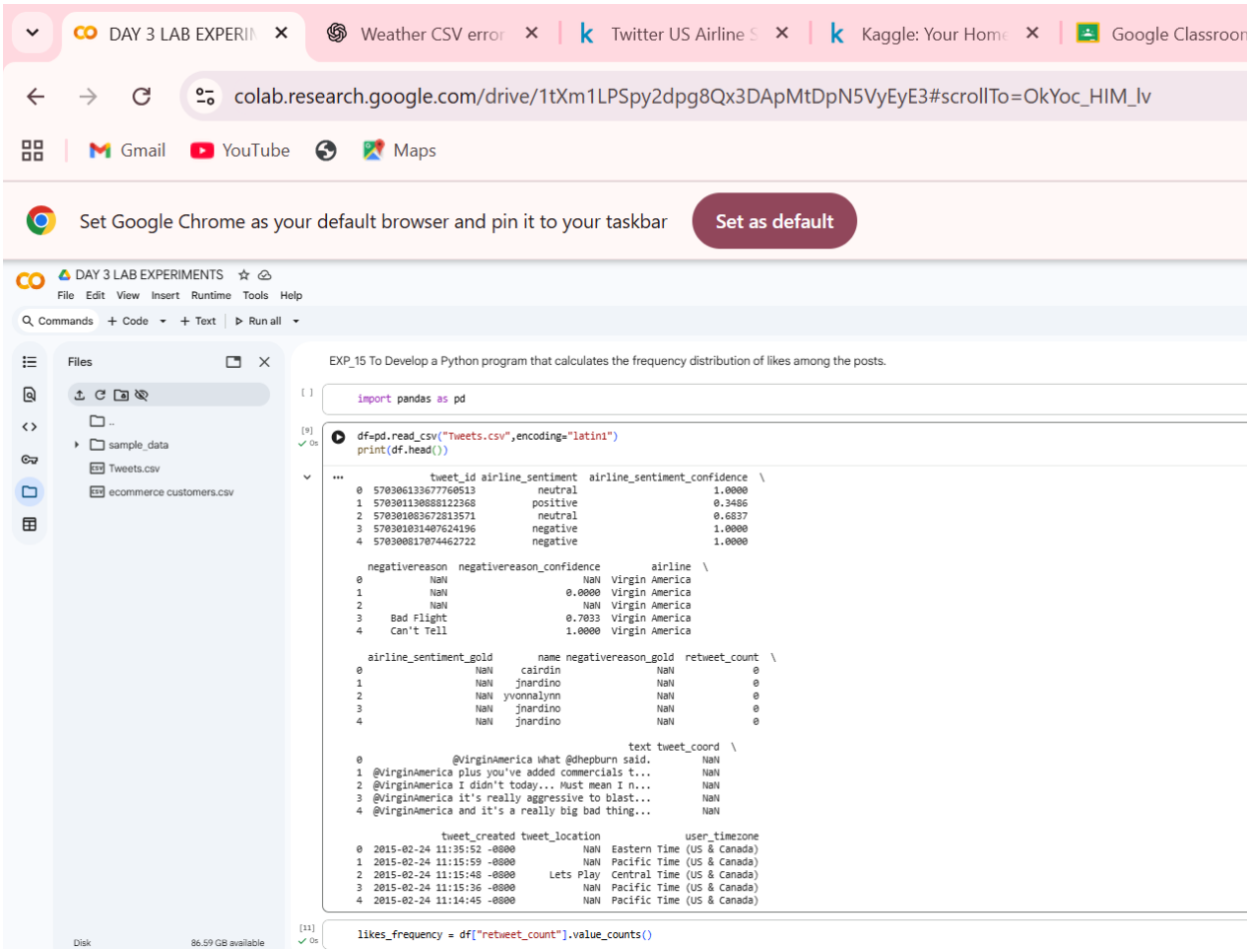
64 1
69 1
55 1
56 1
Name: count, dtype: int64

EXP_15 To Develop a Python program that calculates the frequency distribution of likes among the posts.