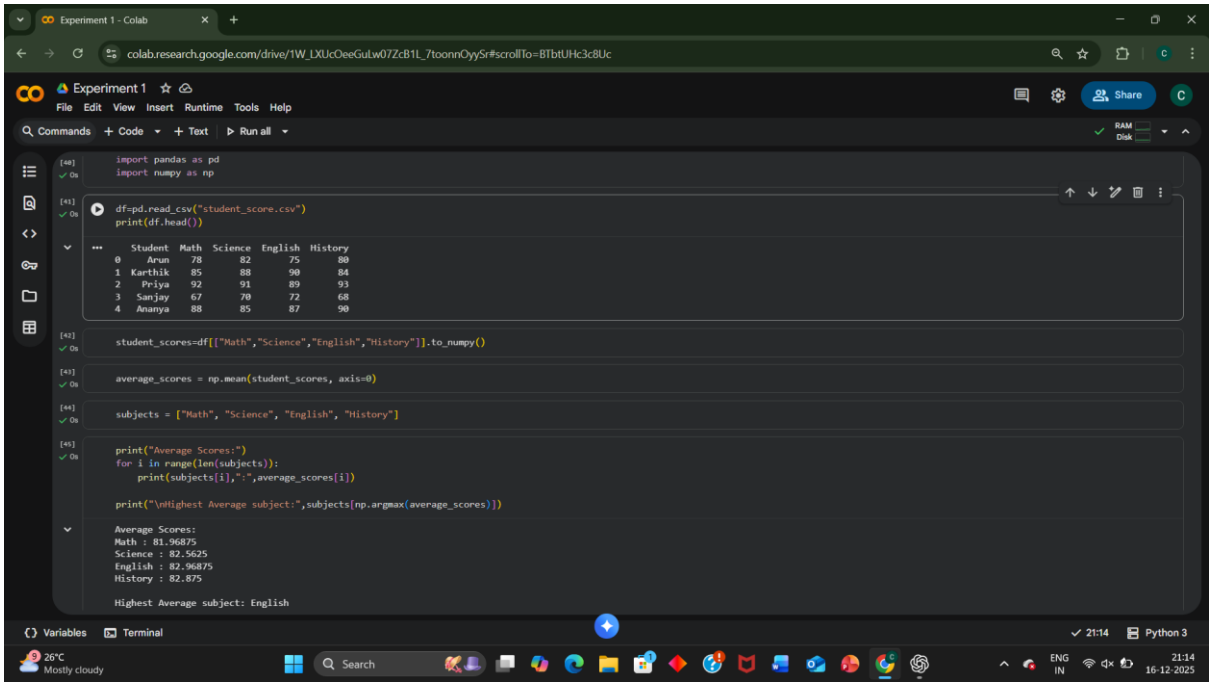
DAY-1 LAB EXPERIMENTS

Name : GUTTI CHAITANYA

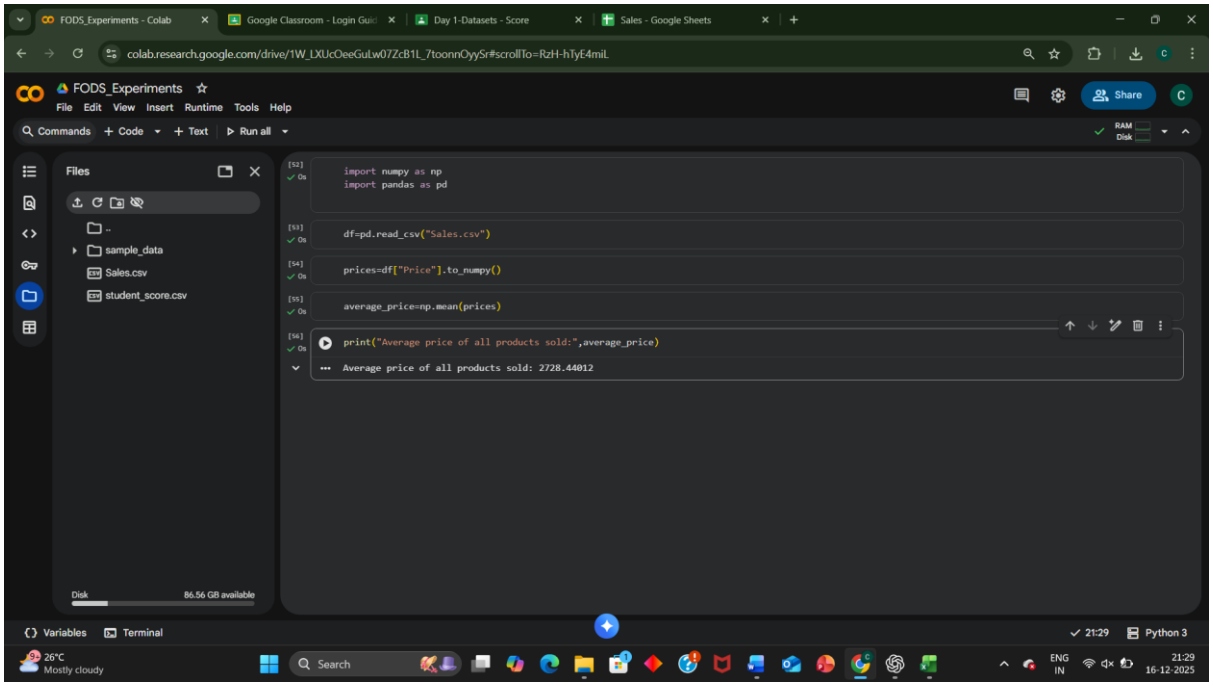
Reg No: 192424185

Date : 16/12/2025

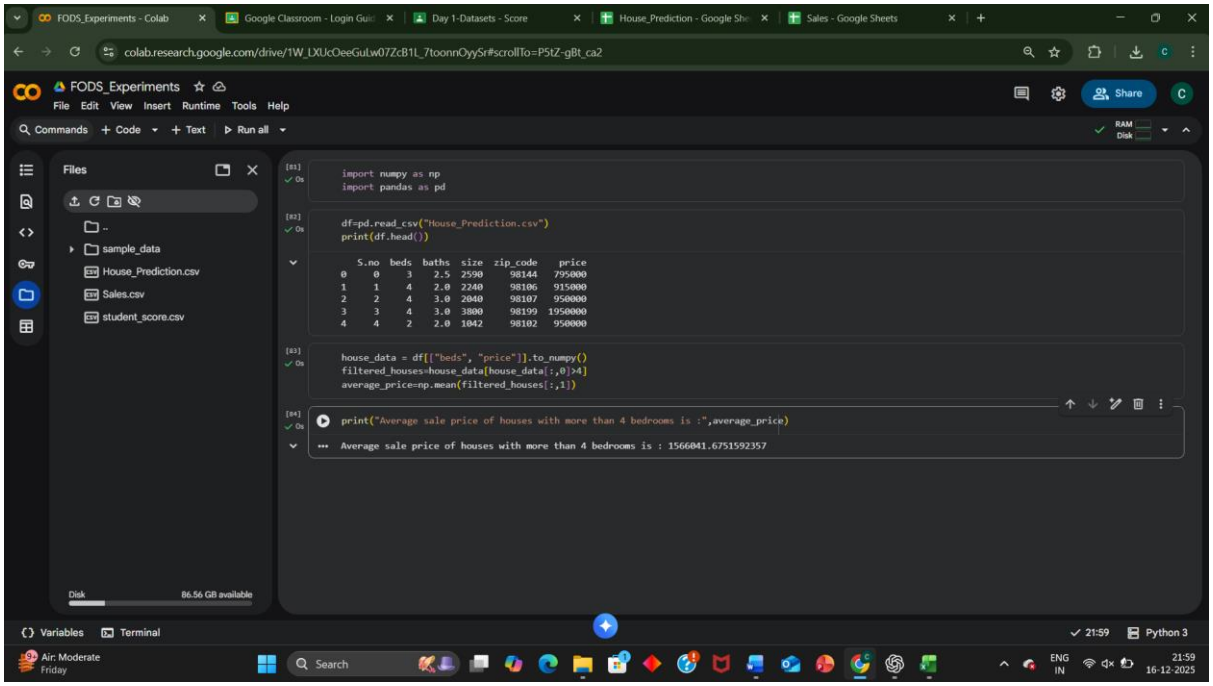
EXP_1 Analysing Student Performance Data



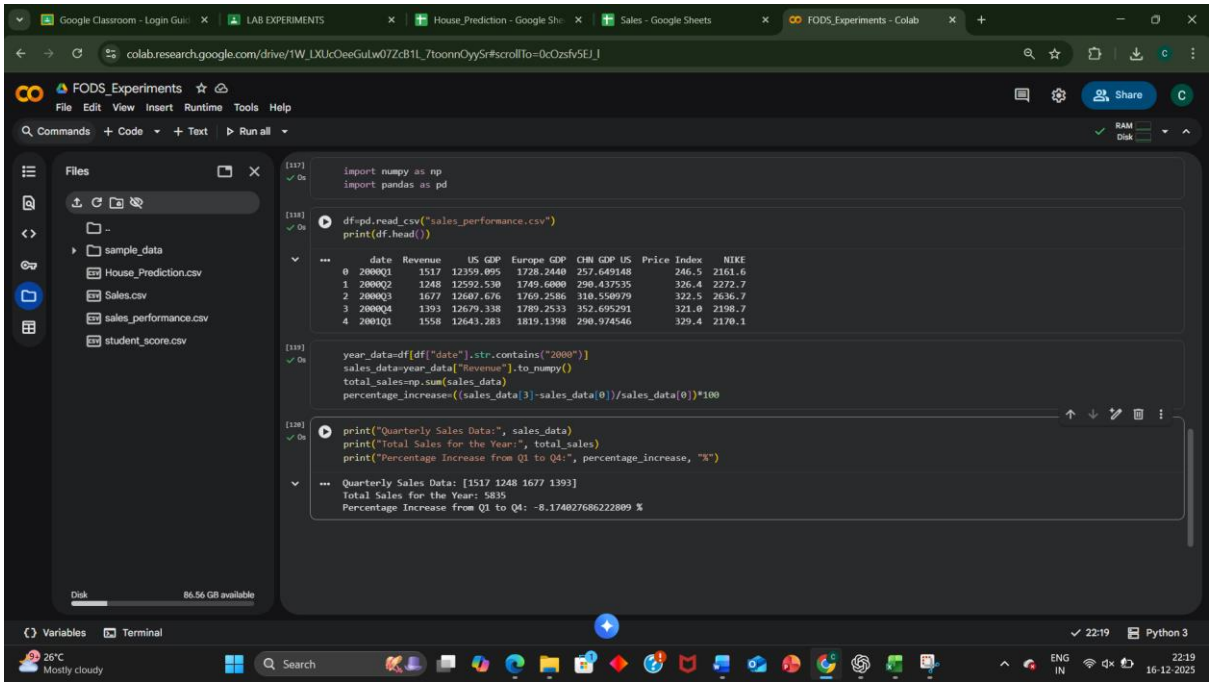
EXP_2 Analysing Sales Data



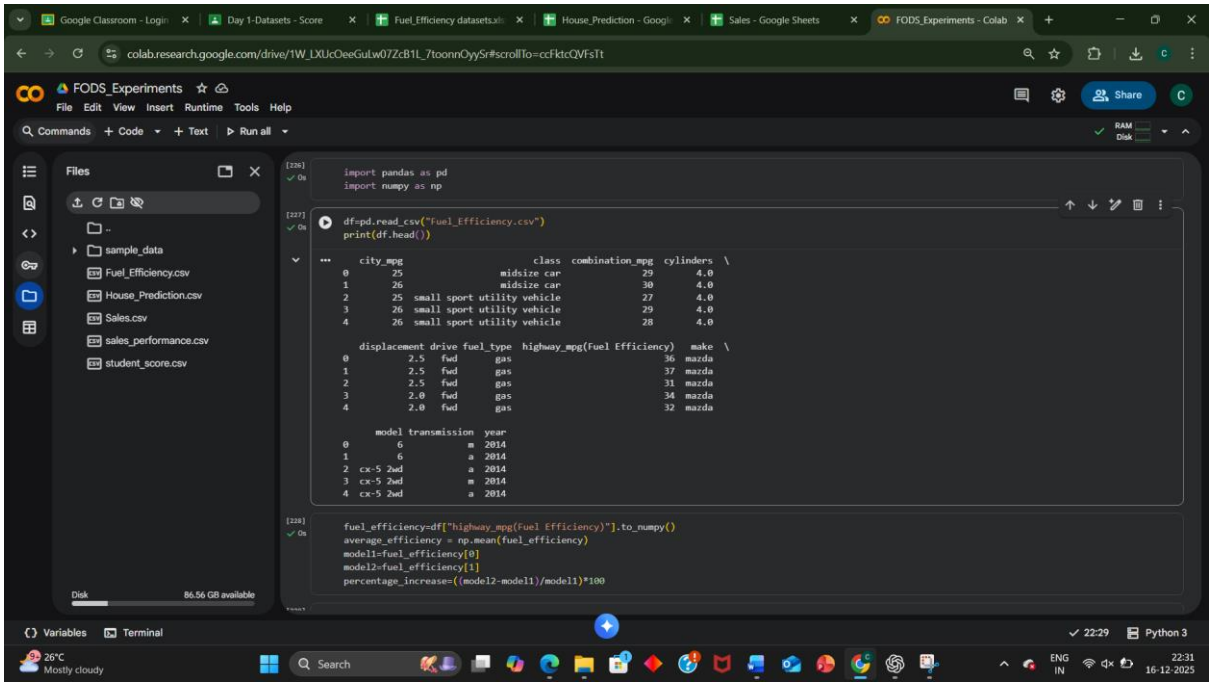
EXP_3 Analysing Dataset Containing Information about Houses in a Neighbourhood.

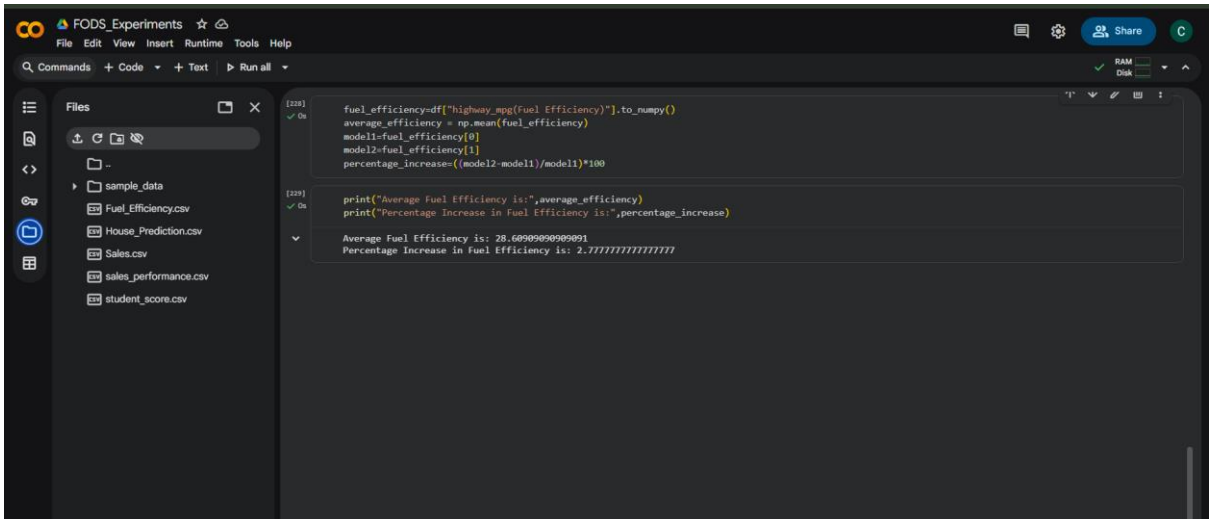


EXP_4 Sales Performance of a Company over the Past Four Quarters.



EXP_5 Analysis of Fuel Efficiency of Different Car Models




FODS_Experiments
File Edit View Insert Runtime Tools Help
Share
Commands + Code + Text Run all
RAM
Disk
Files
..
sample_data
Fuel_Efficiency.csv
House_Prediction.csv
Sales.csv
sales_performance.csv
student_score.csv
[228] 0s
fuel_efficiency=df["highway_mpg(Fuel Efficiency)"].to_numpy()
average_efficiency = np.mean(fuel_efficiency)
model1=fuel_efficiency[0]
model2=fuel_efficiency[1]
percentage_increase=((model2-model1)/model1)*100
[229] 0s
print("Average Fuel Efficiency is:",average_efficiency)
print("Percentage Increase in Fuel Efficiency is:",percentage_increase)
Average Fuel Efficiency is: 28.6090909090091
Percentage Increase in Fuel Efficiency is: 2.777777777777777