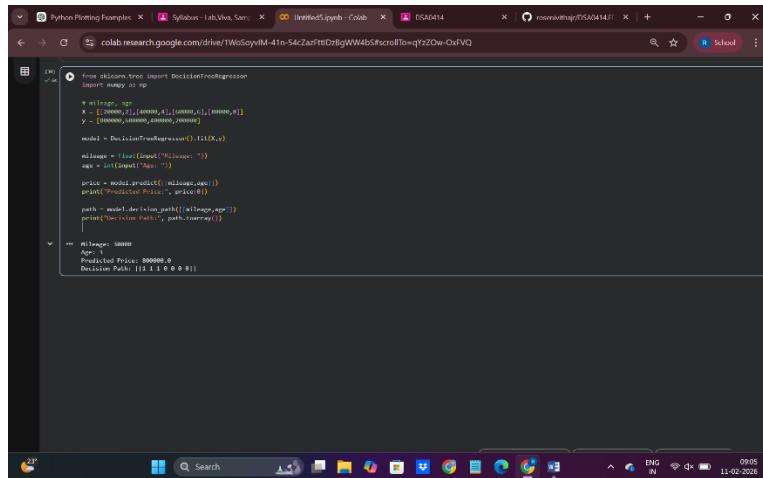


EXP 21,22,23

EXP 24,25,26

EXP 27,28,29

EXP 30



```
from sklearn.linear_model import LinearRegression
import numpy as np

# Miles vs Price
X = [[20000], [40000], [60000], [80000]]
y = [100000, 150000, 200000, 250000]

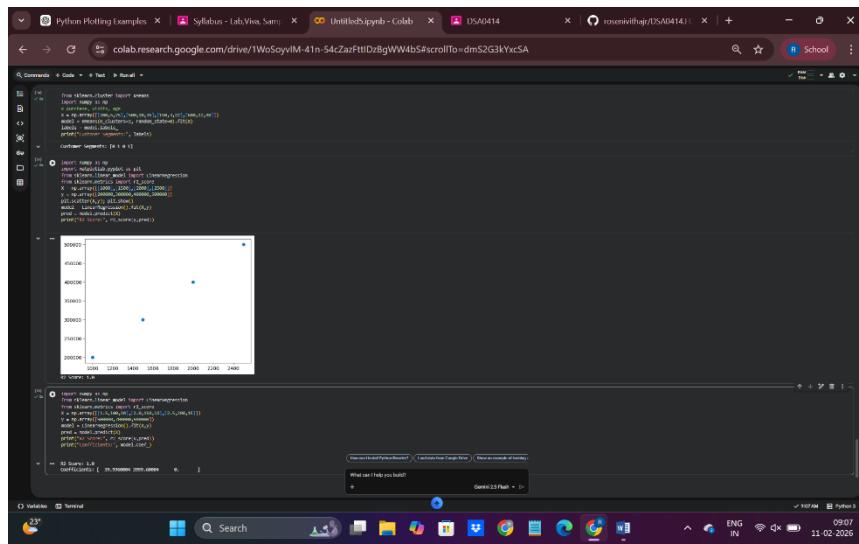
model = LinearRegression().fit(X,y)

miles = float(input("Miles: "))
age = int(input("Age: "))

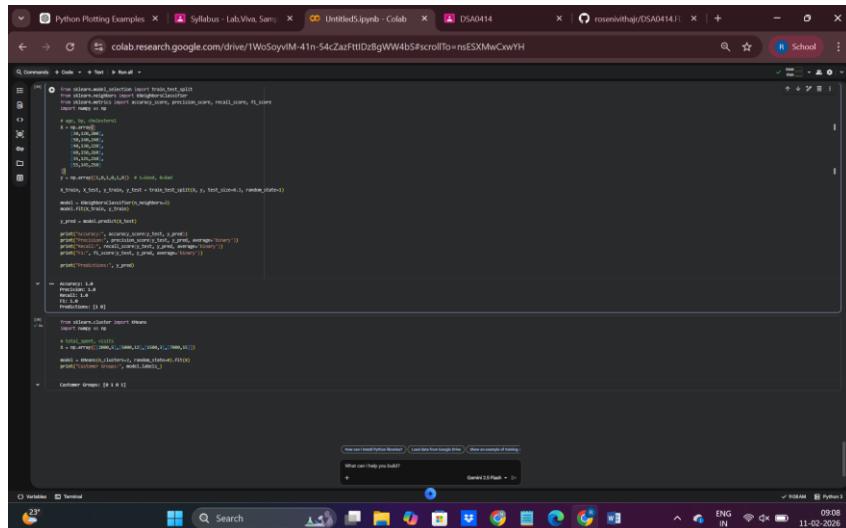
price = model.predict([[miles, age]])
print("Predicted Price: ", price[0])
print("Decision Path: ", path.coef_[0]*miles + path.intercept_)

# Miles: 10000
# Age: 1
# Predicted Price: 80000.0
# Decision Path: [1. 1. 0. 0. 0.]
```

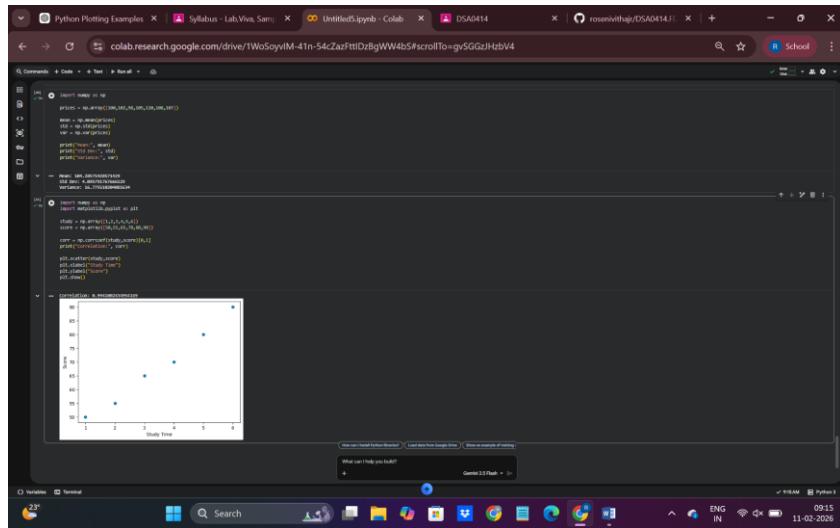
EXP 31,32,33



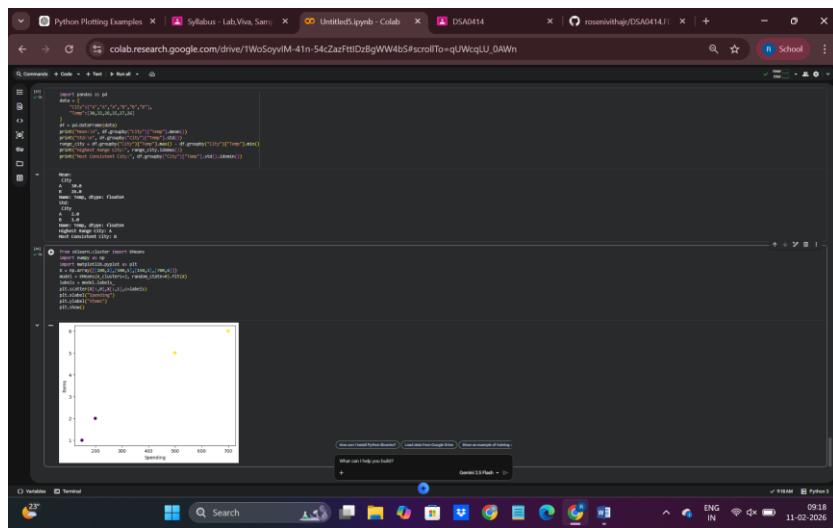
EXP 34,35



EXP 36,37



EXP 38,39



EXP 40

