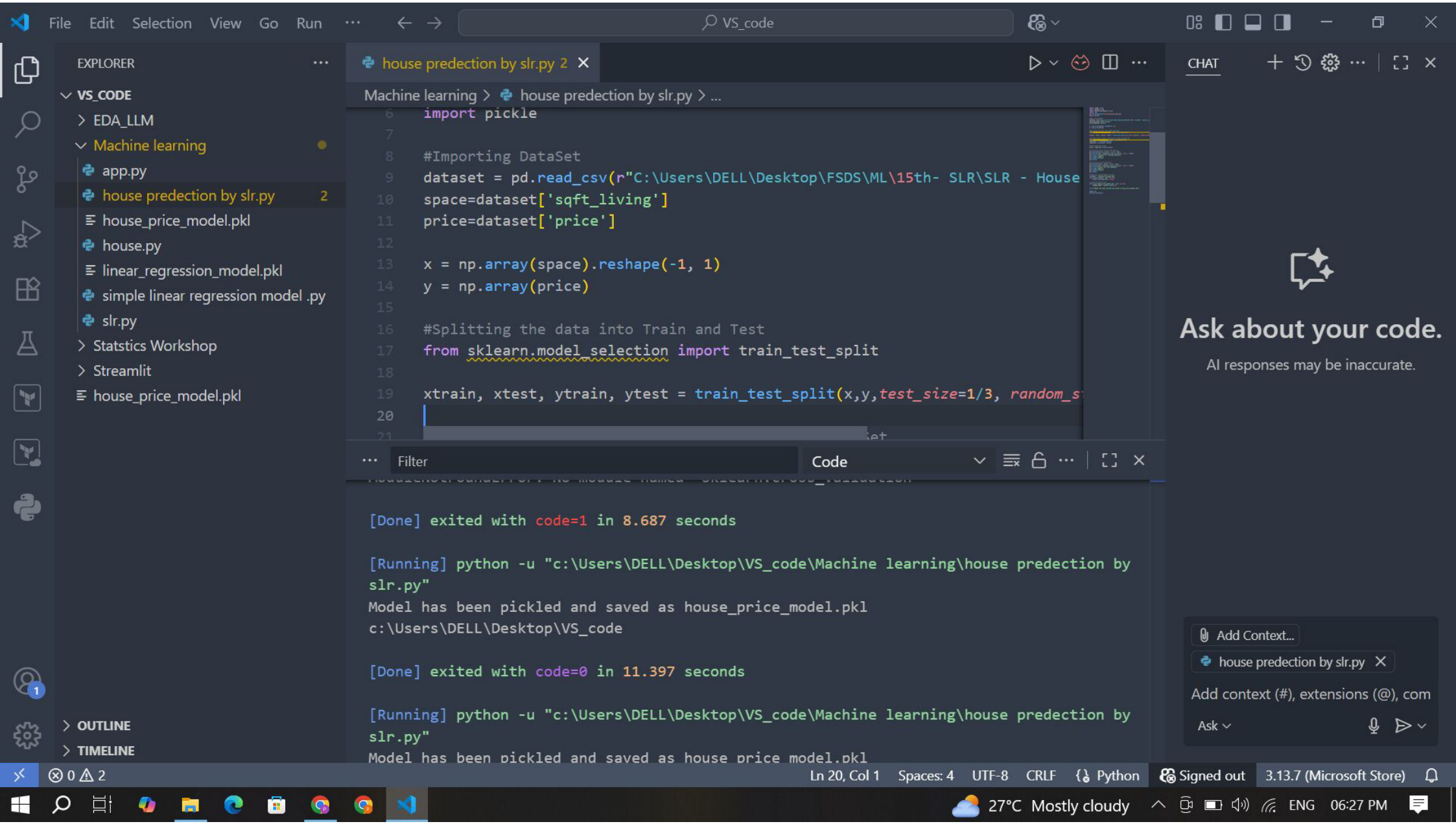
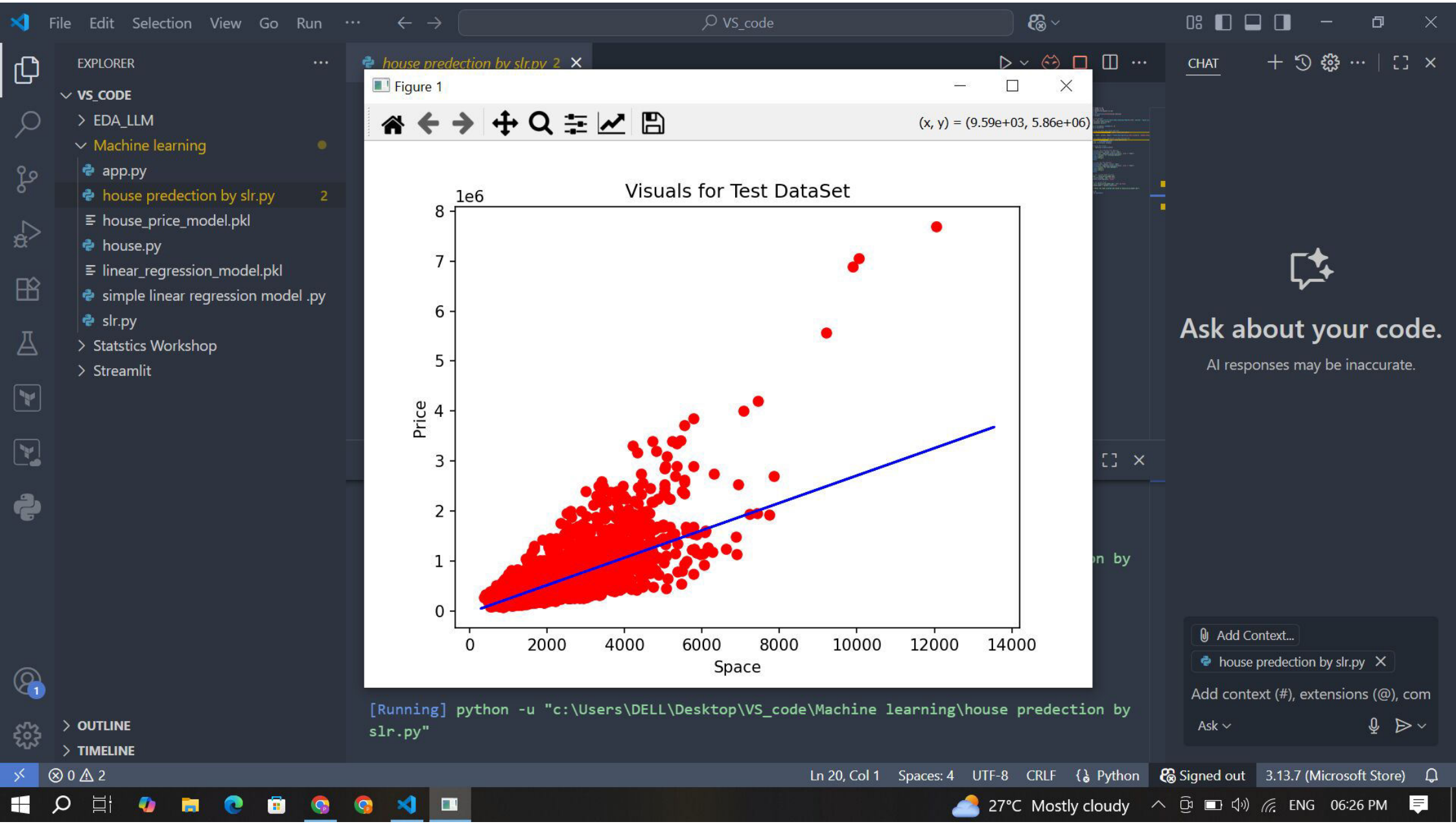

File Edit Selection View Go Run
VS_code
EXPLORER
VS_CODE
EDA_LLM
Machine learning
app.py
house predection by slr.py 2
house_price_model.pkl
house.py
linear_regression_model.pkl
simple linear regression model .py
slr.py
Statstics Workshop
Streamlit
house_price_model.pkl
OUTLINE
TIMELINE
house predection by slr.py 2
Machine learning > house predection by slr.py > ...
import pickle
#Importing DataSet
dataset = pd.read_csv(r"C:\Users\DELL\Desktop\FSDS\ML\15th- SLR\SLR - House
space=dataset['sqft_living']
price=dataset['price']
x = np.array(space).reshape(-1, 1)
y = np.array(price)
#Splitting the data into Train and Test
from sklearn.model_selection import train_test_split
xtrain, xtest, ytrain, ytest = train_test_split(x,y,test_size=1/3, random_s
Filter
Code
[Done] exited with code=1 in 8.687 seconds
[Running] python -u "c:\Users\DELL\Desktop\VS_code\Machine learning\house predection by slr.py"
Model has been pickled and saved as house_price_model.pkl
c:\Users\DELL\Desktop\VS_code
[Done] exited with code=0 in 11.397 seconds
[Running] python -u "c:\Users\DELL\Desktop\VS_code\Machine learning\house predection by slr.py"
Model has been pickled and saved as house price model.pkl
CHAT
Ask about your code.
AI responses may be inaccurate.
Add Context...
house predection by slr.py
Add context (#), extensions (@), com
Ask
Ln 20, Col 1 Spaces: 4 UTF-8 CRLF Python Signed out 3.13.7 (Microsoft Store)
27°C Mostly cloudy
ENG 06:27 PM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Statstics Workshop
Streamlit
OUTLINE
TIMELINE
house predection by slr.py 2
Figure 1
(x, y) = (9.59e+03, 5.86e+06)
Visuals for Test DataSet
1e6
Price
Space
0
2000
4000
6000
8000
10000
12000
14000
[Running] python -u "c:\Users\DELL\Desktop\VS_code\Machine learning\house predection by slr.py"
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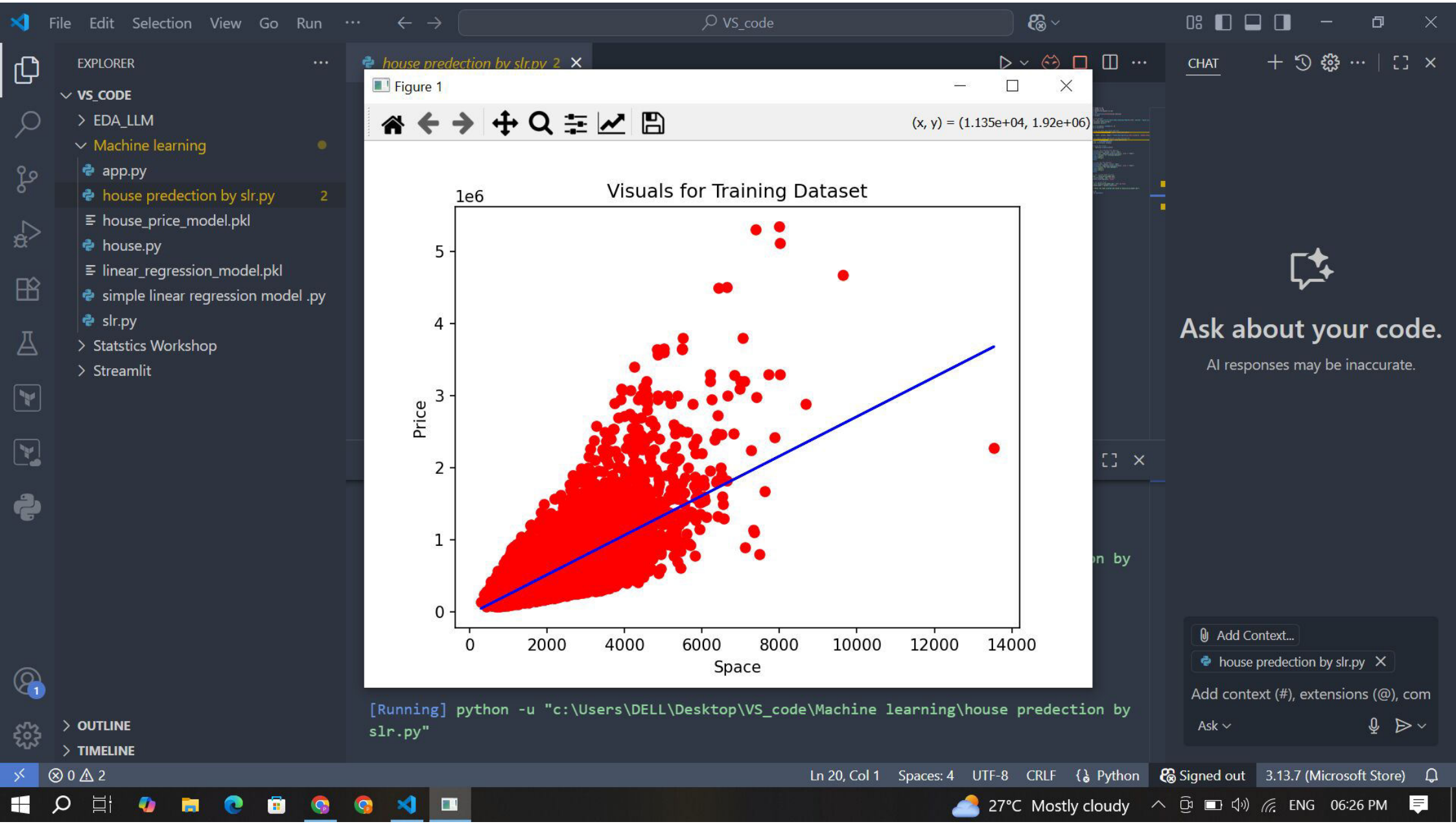
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slr.py
Statstics Workshop
Streamlit
OUTLINE
TIMELINE
house predection by slr.py 2
Figure 1
(x, y) = (1.135e+04, 1.92e+06)
Visuals for Training Dataset
1e6
Price
Space
0
1
2
3
4
5
0
2000
4000
6000
8000
10000
12000
14000
[Running] python -u "c:\Users\DELL\Desktop\VS_code\Machine learning\house predection by slr.py"
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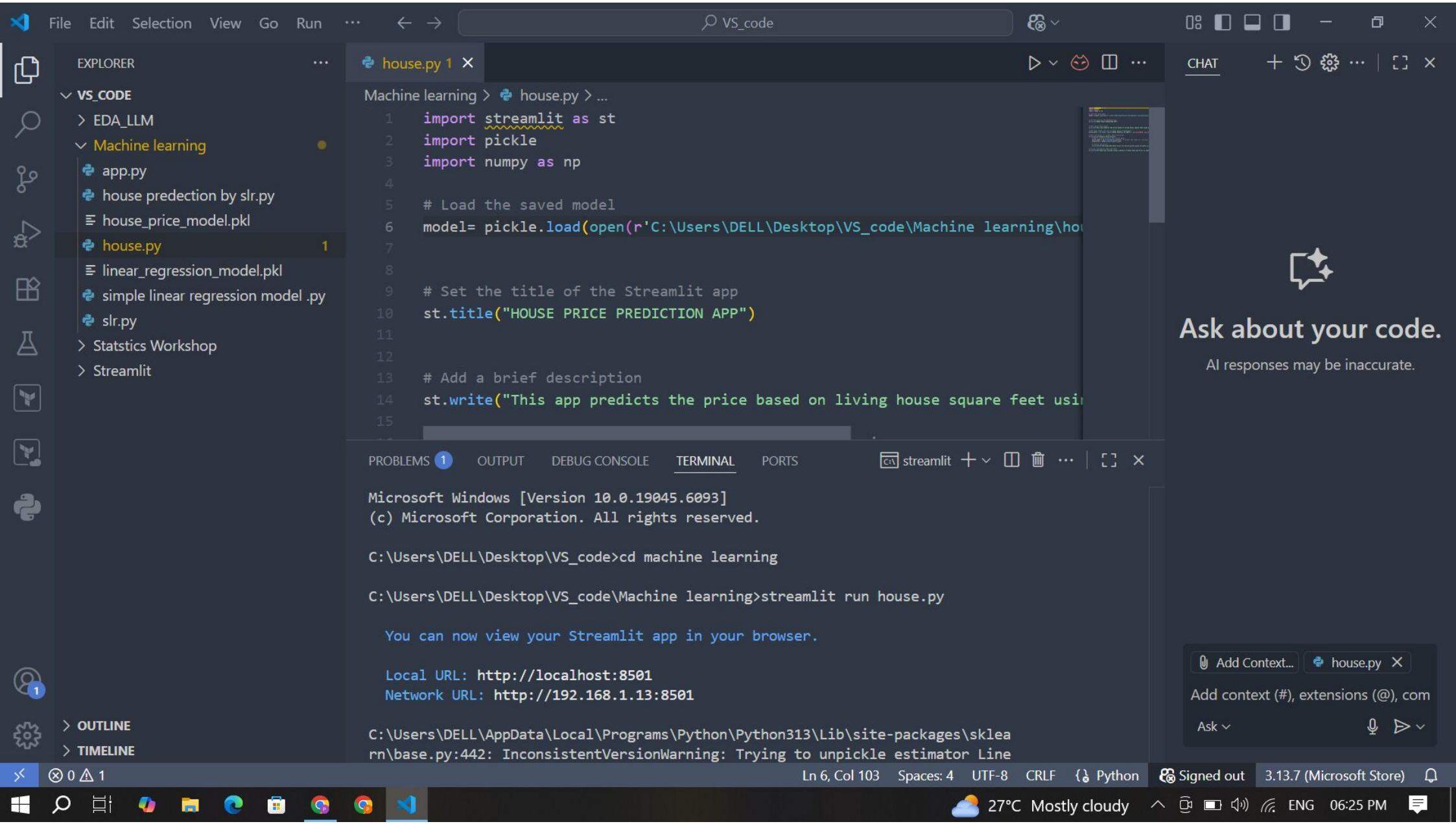
File Edit Selection View Go Run
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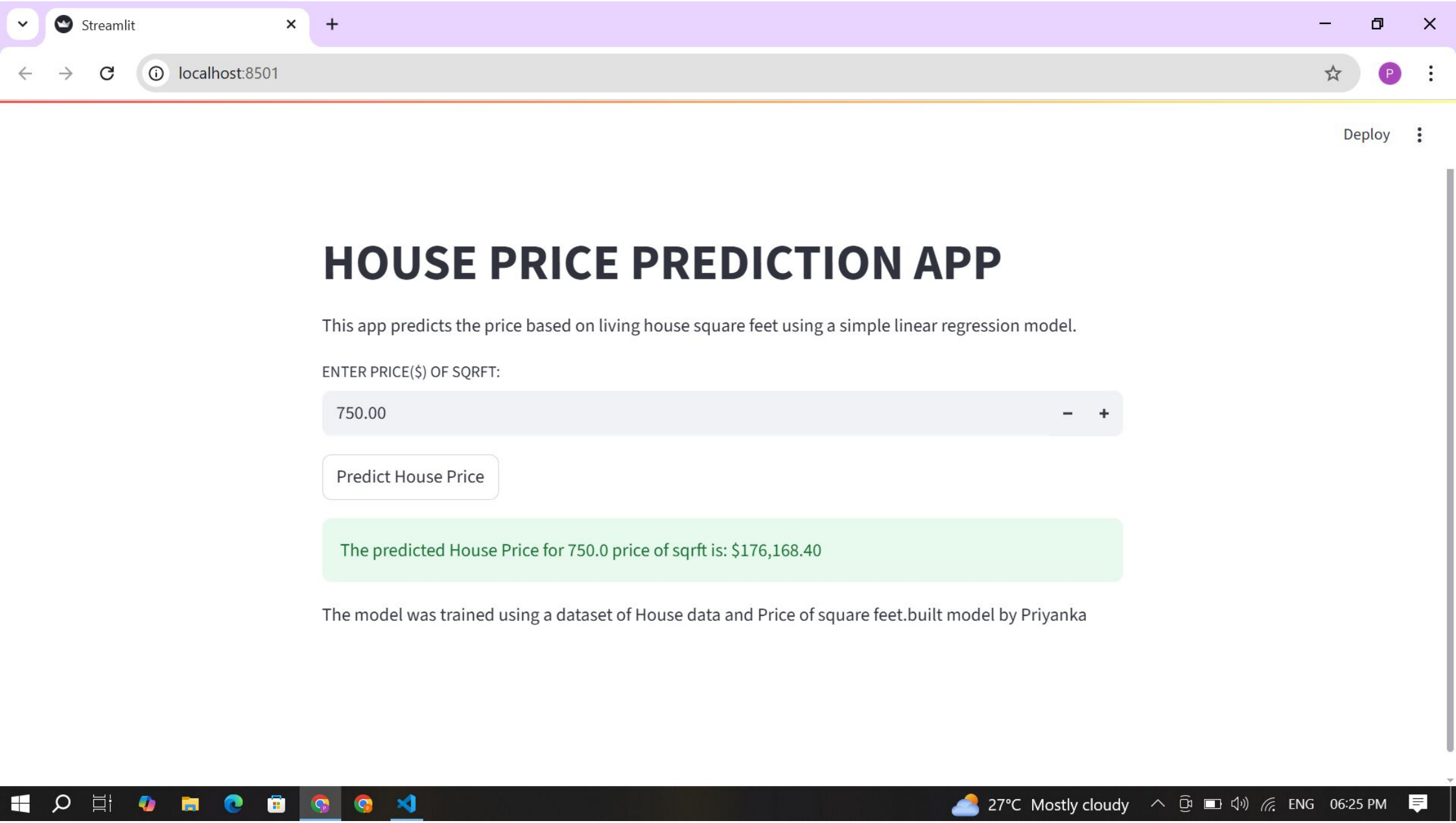
house.py 1
linear_regression_model.pkl
simple linear regression model .py
slr.py
Statstics Workshop
Streamlit
house.py 1
Machine learning > house.py > ...
1 import streamlit as st
2 import pickle
3 import numpy as np
4
5 # Load the saved model
6 model= pickle.load(open(r'C:\Users\DELL\Desktop\VS_code\Machine learning\hou
7
8
9 # Set the title of the Streamlit app
10 st.title("HOUSE PRICE PREDICTION APP")
11
12
13 # Add a brief description
14 st.write("This app predicts the price based on living house square feet usi
15
PROBLEMS 1 OUTPUT DEBUG CONSOLE TERMINAL PORTS
streamlit
Microsoft Windows [Version 10.0.19045.6093]
(c) Microsoft Corporation. All rights reserved.
C:\Users\DELL\Desktop\VS_code>cd machine learning
C:\Users\DELL\Desktop\VS_code\Machine learning>streamlit run house.py
You can now view your Streamlit app in your browser.
Local URL: http://localhost:8501
Network URL: http://192.168.1.13:8501
C:\Users\DELL\AppData\Local\Programs\Python\Python313\Lib\site-packages\sklea
rn\base.py:442: InconsistentVersionWarning: Trying to unpickle estimator Line
CHAT
Ask about your code.
AI responses may be inaccurate.
Add Context...
house.py
Add context (#), extensions (@), com
Ask
OUTLINE
TIMELINE
Ln 6, Col 103
Spaces: 4
UTF-8
CRLF
Python
Signed out
3.13.7 (Microsoft Store)
27°C Mostly cloudy
ENG
06:25 PM


Streamlit
localhost:8501
Deploy
HOUSE PRICE PREDICTION APP
This app predicts the price based on living house square feet using a simple linear regression model.
ENTER PRICE($) OF SQRFT:
750.00
Predict House Price
The predicted House Price for 750.0 price of sqrft is: $176,168.40
The model was trained using a dataset of House data and Price of square feet.built model by Priyanka
27°C Mostly cloudy
ENG
06:25 PM