

Data Science Intern at Data Glacier

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Batch Code: LISUM14

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1. Model Building

The screenshot shows a Jupyter Notebook interface with the following content:

```
In [1]: import pandas as pd
import numpy as np
import seaborn as sns
import matplotlib.pyplot as plt
import pickle
%matplotlib inline
```

1. Loading the Data

```
In [2]: HouseDF = pd.read_csv('USA_Housing.csv')
HouseDF
```

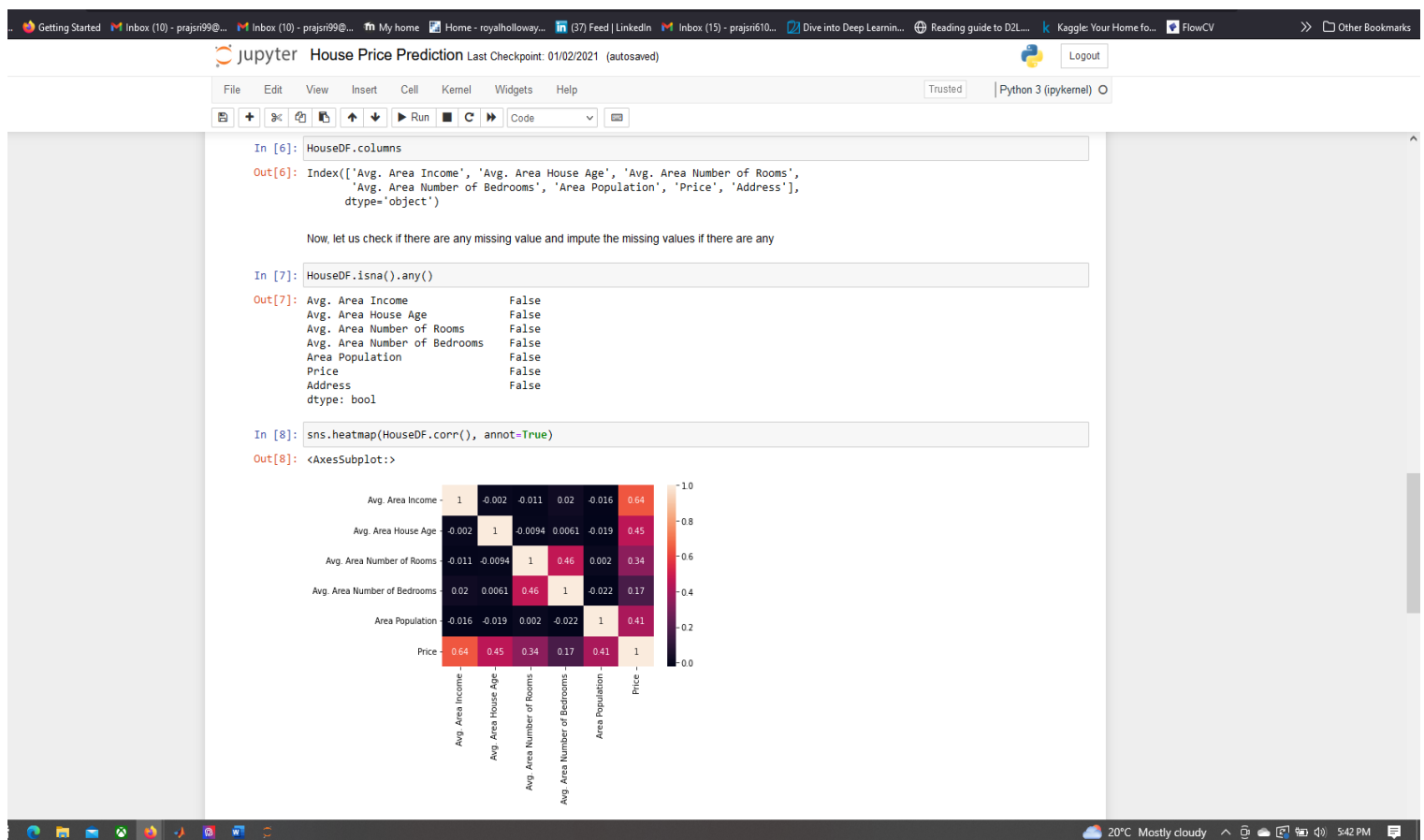
Out[2]:

	Avg. Area Income	Avg. Area House Age	Avg. Area Number of Rooms	Avg. Area Number of Bedrooms	Area Population	Price	Address
0	79545.458574	5.682861	7.009188	4.09	23086.800503	1.059034e+06	208 Michael Ferry Apt. 674InLaurabury, NE 3701...
1	79248.642455	6.002900	6.730821	3.09	40173.072174	1.505891e+06	188 Johnson Views Suite 079InLake Kathleen, CA...
2	61287.067179	5.865890	8.512727	5.13	36882.159400	1.058988e+06	9127 Elizabeth StravenueInDanieltown, WI 06482...
3	63345.240046	7.188236	5.586729	3.26	34310.242831	1.260617e+06	USS BarnettInFPO AP 44820
4	59982.197226	5.040555	7.839388	4.23	26354.109472	6.309435e+05	USNS RaymondInFPO AE 09386
...
4995	60567.944140	7.830362	6.137356	3.46	22837.361035	1.060194e+06	USNS WilliamsInFPO AP 30153-7653
4996	78491.275435	6.999135	6.576763	4.02	25616.115489	1.482618e+06	PSC 9258, Box 8489InAPO AA 42991-3352
4997	63390.686886	7.250591	4.805081	2.13	33266.145490	1.030730e+06	4215 Tracy Garden Suite 076InJoshualand, VA 01...
4998	68001.331235	5.534388	7.130144	5.44	42625.620156	1.198657e+06	USS WallaceInFPO AE 73316
4999	65510.581804	5.992305	6.792336	4.07	46501.283803	1.298950e+06	37778 George Ridges Apt. 509InEast Holly, NV 2...

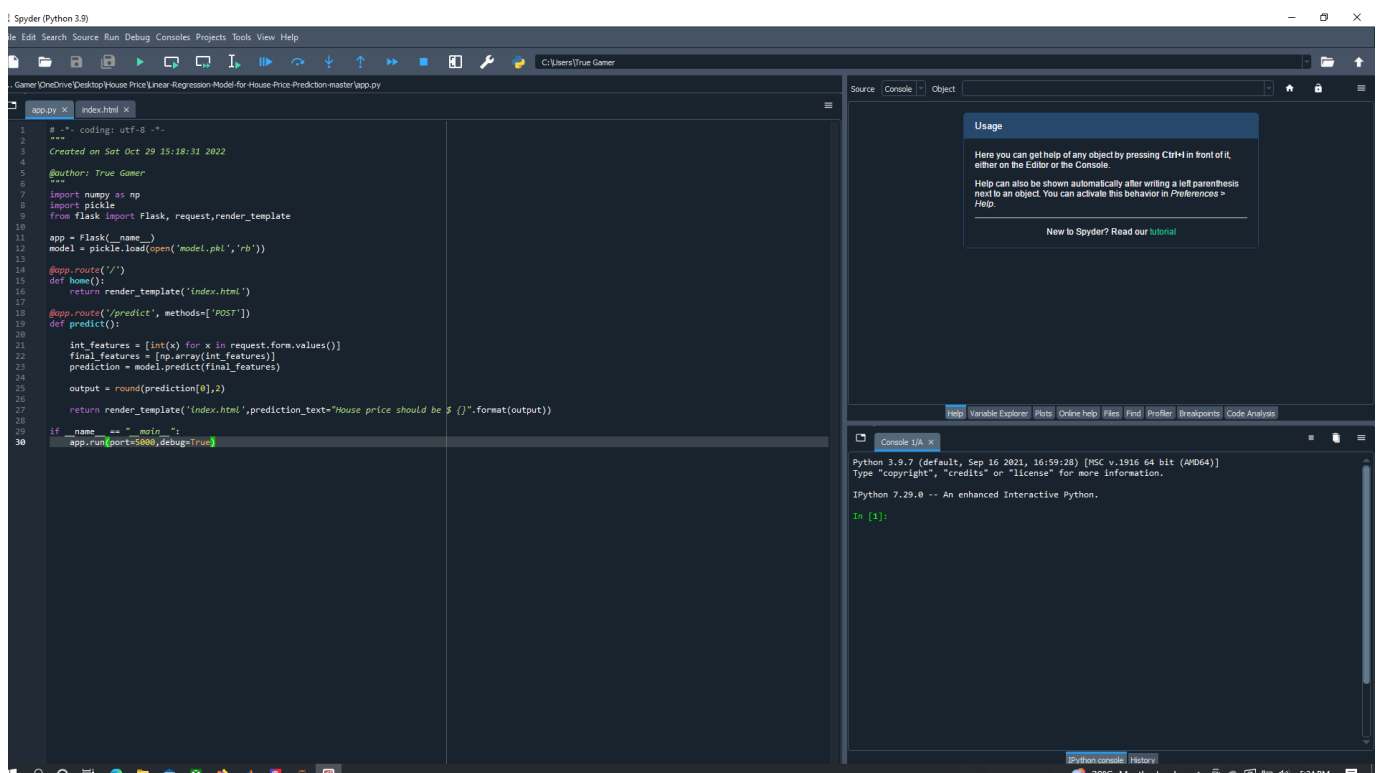
5000 rows x 7 columns

```
In [ ]:
```

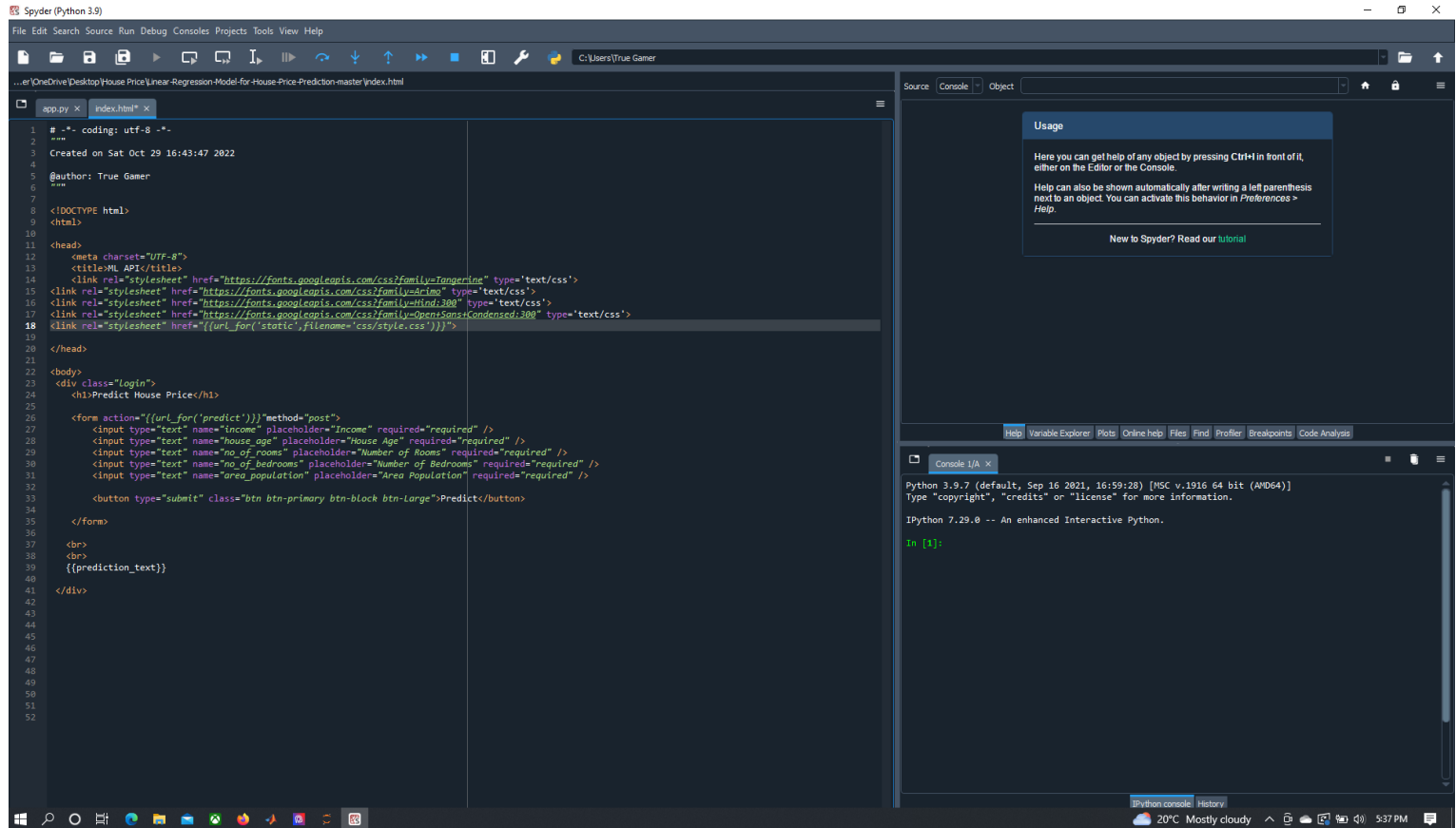
```
In [3]: HouseDF.info()
```



2. Deployment on Flask



3. Index.html file



4. Result

-*- coding: utf-8 -*- """ Created on Sat Oct 29 16:43:47 2022 @author: True Gamer """

Predict House Price

Income

House Age

Number of Rooms

Number of Bedrooms

Area Population

Predict

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Predict House Price

Income

House Age

Number of Rooms

Number of Bedrooms

Area Population

Predict

House price should be \$ 2342651.52