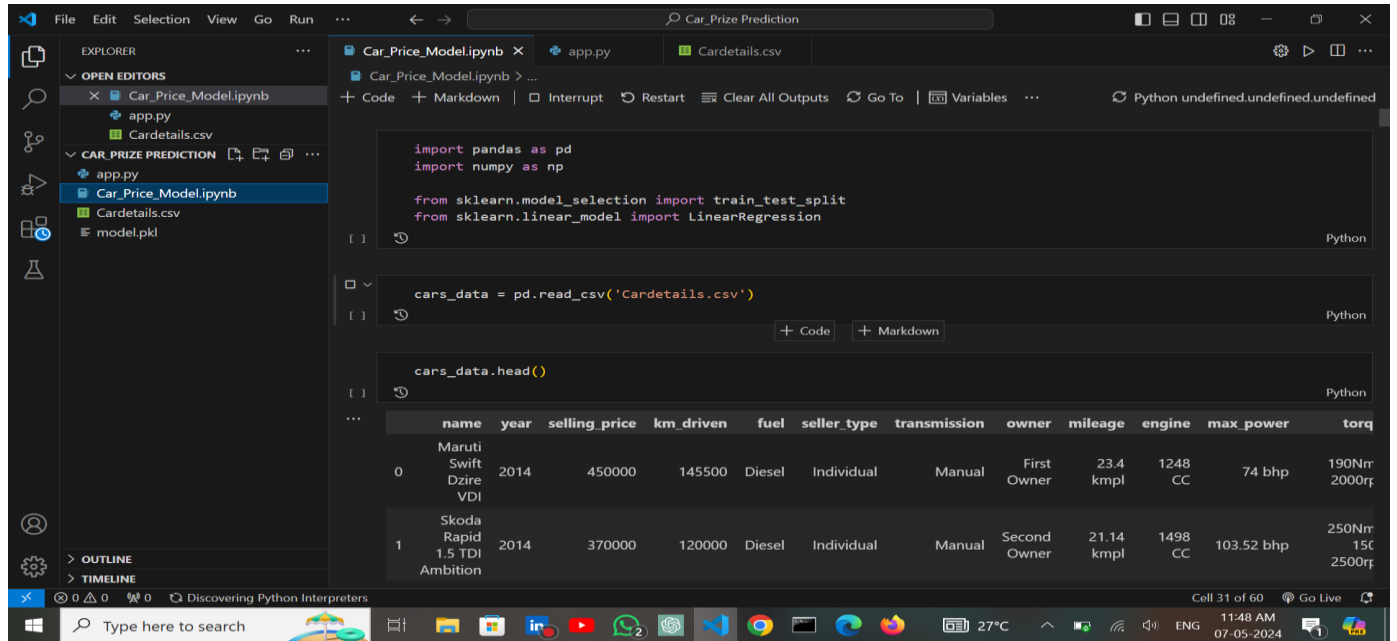


# • Car Prize-Predication Project



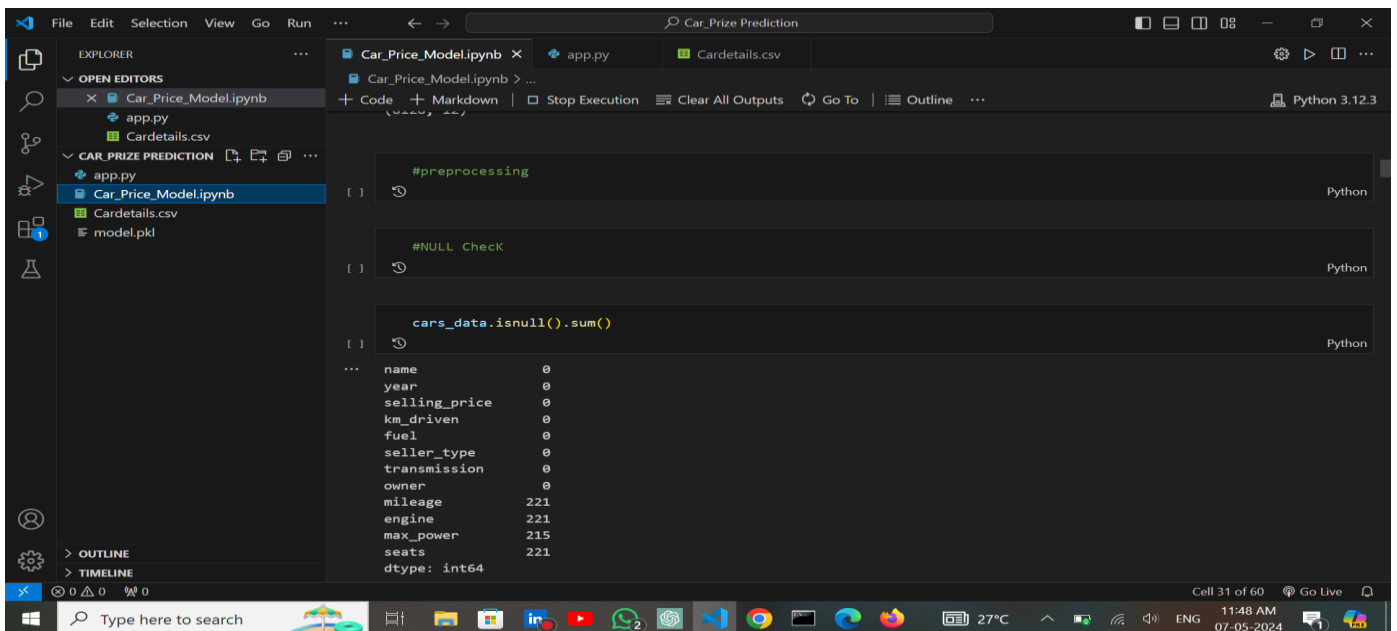
```
import pandas as pd
import numpy as np

from sklearn.model_selection import train_test_split
from sklearn.linear_model import LinearRegression
```

```
cars_data = pd.read_csv('Cardetails.csv')
```

```
cars_data.head()
```

	name	year	selling_price	km_driven	fuel	seller_type	transmission	owner	mileage	engine	max_power	torque
0	Maruti Swift Dzire VDI	2014	450000	145500	Diesel	Individual	Manual	First Owner	23.4 kmpl	1248 CC	74 bhp	190Nm 2000rpm
1	Skoda Rapid 1.5 TDI Ambition	2014	370000	120000	Diesel	Individual	Manual	Second Owner	21.14 kmpl	1498 CC	103.52 bhp	250Nm 1500rpm

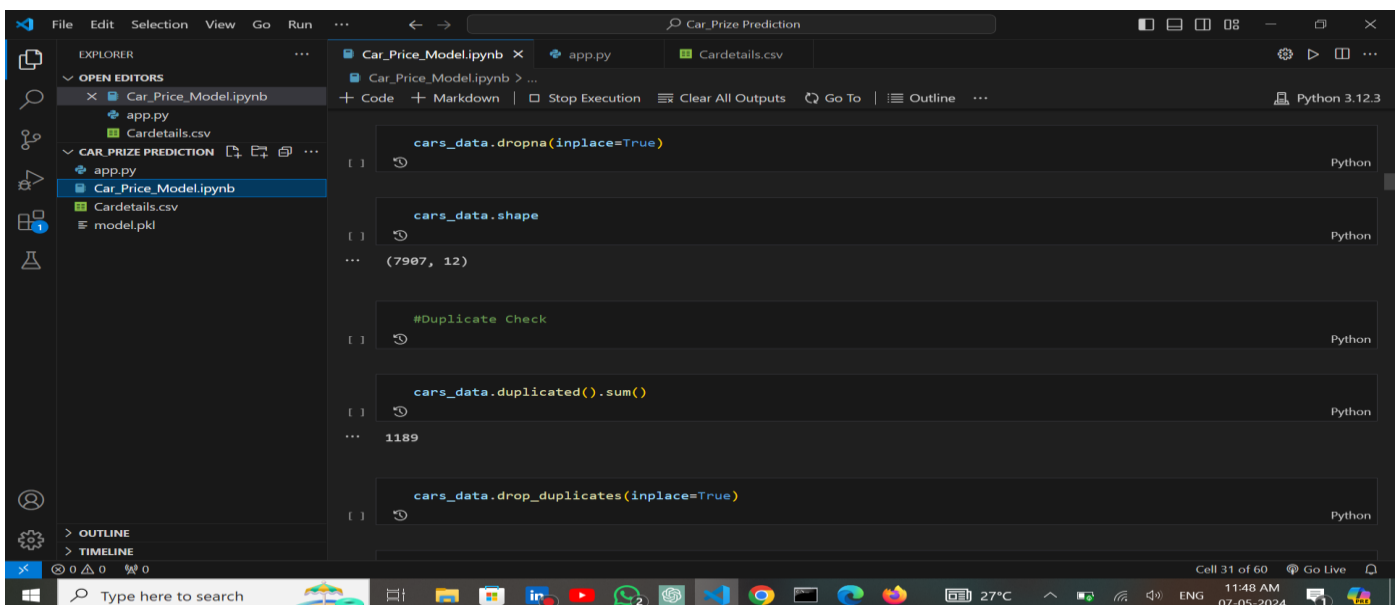


```
#preprocessing
```

```
#NULL Check
```

```
cars_data.isnull().sum()
```

```
name      0
year      0
selling_price  0
km_driven  0
fuel      0
seller_type  0
transmission  0
owner      0
mileage    221
engine     221
max_power  215
seats      221
dtype: int64
```



```
cars_data.dropna(inplace=True)
```

```
cars_data.shape
```

```
(7907, 12)
```

```
#Duplicate Check
```

```
cars_data.duplicated().sum()
```

```
1189
```

```
cars_data.drop_duplicates(inplace=True)
```

# ➤ Output Of Project

app - Streamlit

localhost:8501

Deploy

## Car Price Prediction ML Model

Select Car Brand

Maruti

Car Manufactured Year

1994 2024

2011

No of kms Driven

11 200000

82109

Fuel type

Diesel

Seller type

Individual

app - Streamlit

localhost:8501

Deploy

Car Mileage

10 40

29

Engine CC

700 5000

2758

Max Power

0 200

107

No of Seats

5 10

7

Predict

Car Price is going to be 701155.0113621056