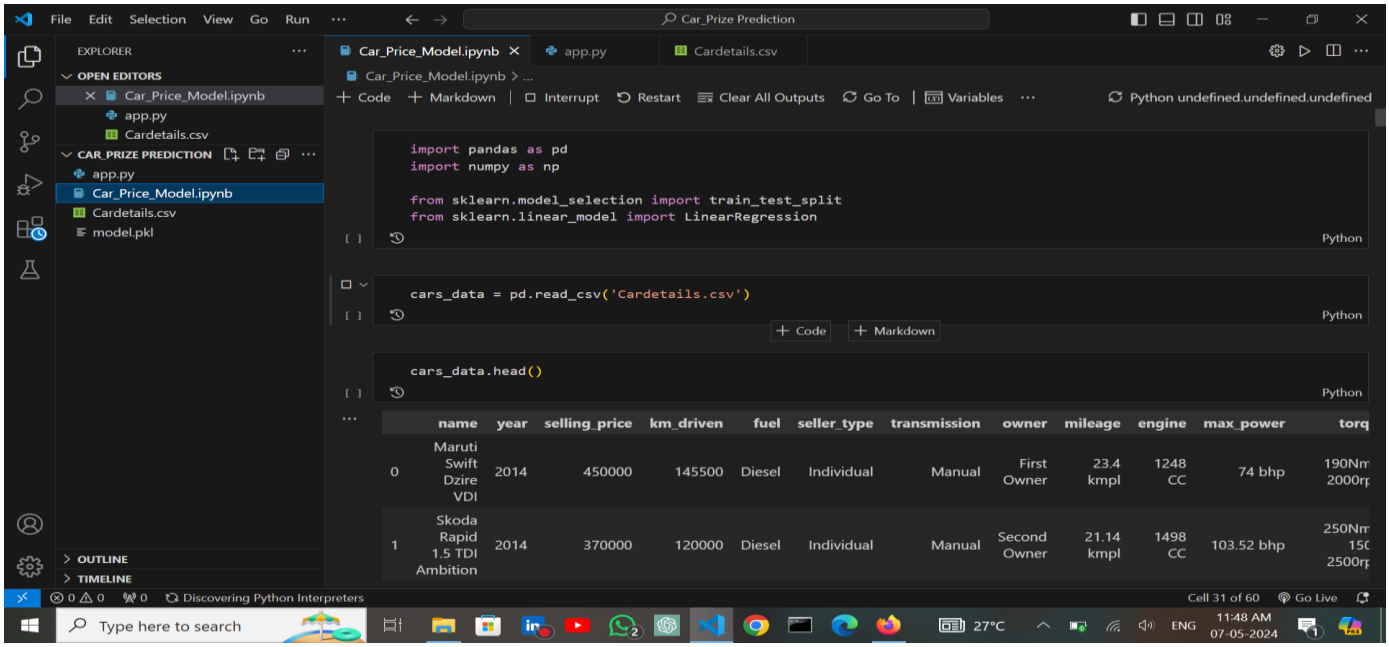
- **Car Prize-Predication Project**



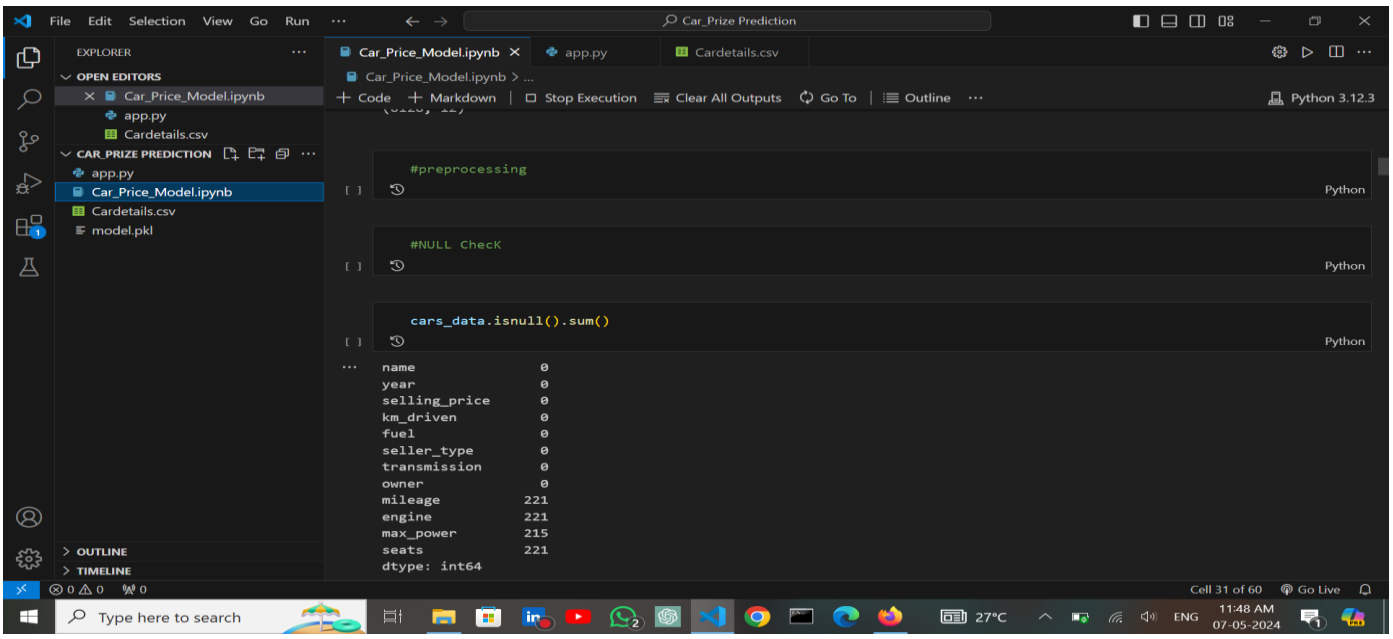
```
import pandas as pd
import numpy as np

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	torq
0	Maruti Swift Dzire VDI	2014	450000	145500	Diesel	Individual	Manual	First Owner	23.4 kmpl	1248 CC	74 bhp	190Nm 2000r
1	Skoda Rapid 1.5 TDI Ambition	2014	370000	120000	Diesel	Individual	Manual	Second Owner	21.14 kmpl	1498 CC	103.52 bhp	250Nm 150 2500r

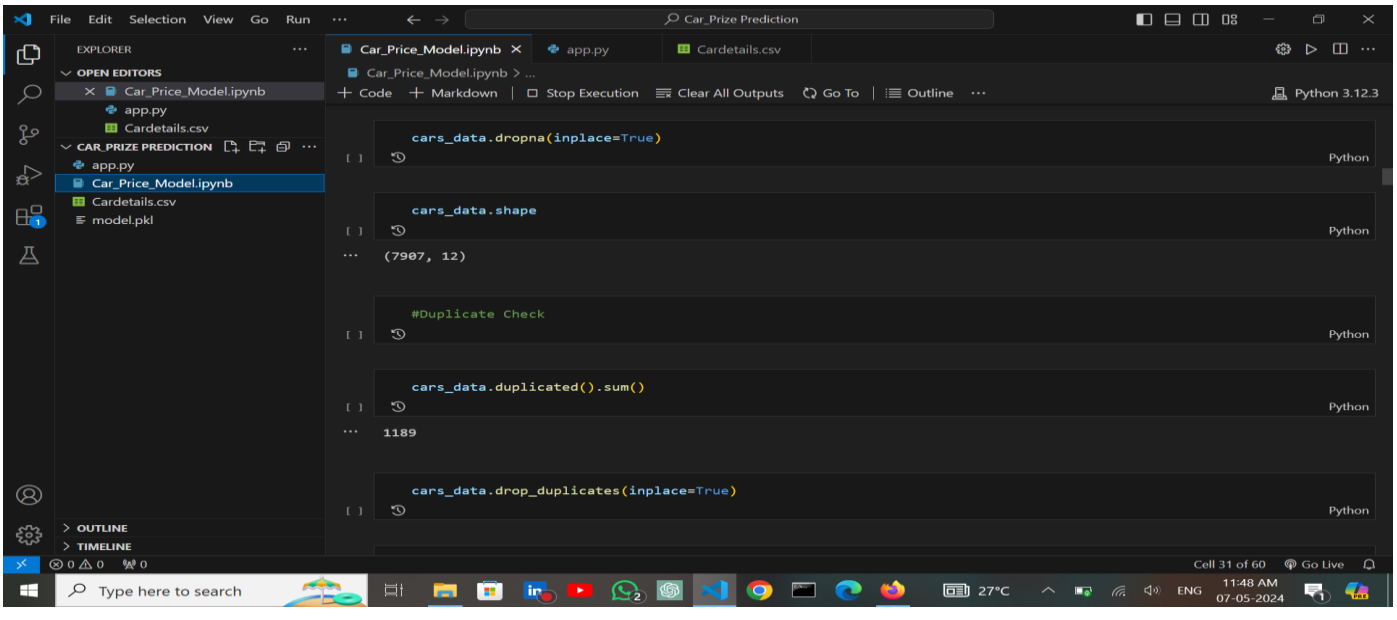


```
#preprocessing
```

```
#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