Car Resales Price Prediction

Date	01-11-2022
Team ID	PNT2022TMID42617
Project Name	Car Resale Value Prediction

Cleaning the Dataset

```python
import pandas as pd

import numpy as np

import matplotlib as plt

from sklearn.preprocessing import LabelEncoder

import pickle

df=pd.read_csv(r"C:\Users\SRI HARI\Downloads\Car database\Car Database.csv",
header=0,sep=',',encoding='Latin1',)


#encoding 'Fuel_Type' column

df.replace({'Fuel_Type' : {'Petrol':0,'Diesel':1,'CNG':2}},inplace=True)


#encoding 'Seller_Type' column

df.replace({'Seller_Type' : {'Dealer':0,'Individual':1}},inplace=True)


#encoding 'Transmission' column

df.replace({'Transmission' : {'Manual':0,'Automatic':1}},inplace=True)

df.head()
```

OUTPUT

```
                      name  year  selling_price  km_driven  Fuel_Type  Seller_Type  Transmission         owner
0        Maruti Swift Dzire VDI  2014         450000     145500          1            1             0   First Owner
1   Skoda Rapid 1.5 TDI Ambition  2014         370000     120000          1            1             0  Second Owner
2         Honda City 2017-2020 EXi  2006         158000     140000          0            1             0   Third Owner
3        Hyundai i20 Sportz Diesel  2010         225000     127000          1            1             0   First Owner
4          Maruti Swift VXI BSIII  2007         130000     120000          0            1             0   First Owner
```