Car Resales Price Prediction

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Team ID	PNT2022TMID42617
Project Name	Car Resale Value Prediction

Read the Dataset

loading the data from csv file to pandas dataframe

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',)

#inspecting the first five rows of the dataframe

df.head()

OUTPUT

	name	year	selling_price	km_driven	fuel	seller_type	transmission	owner	mileage	engine	max_power	torque	seats
0	Maruti Swift Dzire VDI	2014	450000	145500	Diesel	Individual	Manual	First Owner	23.4 kmpl	1248 CC	74 bhp	190Nm@ 2000rpm	5.0
1	Skoda Rapid 1.5 TDI Ambition	2014	370000	120000	Diesel	Individual	Manual	Second Owner	21.14 kmpl	1498 CC	103.52 bhp	250Nm@ 1500-2500rpm	5.0
2	Honda City 2017-2020 EXi	2006	158000	140000	Petrol	Individual	Manual	Third Owner	17.7 kmpl	1497 CC	78 bhp	12.7@ 2,700(kgm@ rpm)	5.0
3	Hyundai i20 Sportz Diesel	2010	225000	127000	Diesel	Individual	Manual	First Owner	23.0 kmpl	1396 CC	90 bhp	22.4 kgm at 1750-2750rpm	5.0
4	Maruti Swift VXI BSIII	2007	130000	120000	Petrol	Individual	Manual	First Owner	16.1 kmpl	1298 CC	88.2 bhp	11.5@ 4,500(kgm@ rpm)	5.0