

Car Resale Value Prediction

Team ID : PNT2022TMID31751

Splitting data into Dependent and Independent Variables:

✓
0s

X_train

	Car_names	Brands	year	kms_driven	fuel_type
136	Volkswagen Jetta Highline	Volkswagen	15	46000	Diesel
271	Maruti Suzuki Swift	Maruti	12	45000	Petrol
504	Hyundai Eon D	Hyundai	19	25000	Petrol
337	Hyundai i20 Active	Hyundai	16	35000	Diesel
40	Maruti Suzuki Dzire	Maruti	14	46000	Diesel
...
251	Maruti Suzuki Eeco	Maruti	16	55000	Petrol
179	Fiat Petra ELX	Fiat	9	65000	Petrol
371	Maruti Suzuki Maruti	Maruti	0	55000	Petrol
193	Maruti Suzuki Alto	Maruti	14	39000	Petrol
367	Chevrolet Beat Diesel	Chevrolet	18	62000	Diesel

652 rows x 5 columns

✓
0s

[50] y_train

136	218
271	84
504	95
337	194
40	123
...	...
251	93
179	24
371	0
193	41
367	47

Name: Price, Length: 652, dtype: int64

✓ **X_test**

	Car_names	Brands	year	kms_driven	fuel_type
302	Honda Mobilio	Honda	15	44000	Petrol
642	Maruti Suzuki Swift	Maruti	10	59000	Petrol
3	Ford Figo	Ford	13	41000	Diesel
18	Mahindra Scorpio S10	Mahindra	17	39522	Diesel
625	Jaguar XF 2.2	Jaguar	14	29000	Diesel
...
165	Maruti Suzuki Swift	Maruti	12	47000	Diesel
611	Hyundai Santro Xing	Hyundai	15	57000	Petrol
695	Hyundai Santro Xing	Hyundai	10	43200	Petrol
736	Maruti Suzuki Swift	Maruti	12	58000	Diesel
621	Ford EcoSport Trend	Ford	15	47000	Petrol

163 rows x 5 columns

✓ **[52] y_test**

```

302    141
642     79
3       61
18    111
625    266
...
165     78
611     63
695     27
736     92
621    159
Name: Price, Length: 163, dtype: int64

```