

# Car Resale Value Prediction

## Cleaning the Dataset

#encoding 'Fuel\_Type' column

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

#encoding 'Seller\_Type' column

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

#encoding 'Transmission' column

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

```
car_dataset.head()
```

Output:

Unnamed: 0	Name	Location	Year	Kilometers_Driven	Fuel_Type	Transmission	Owner_Type	Mileage	Engine	Power	Seats	New_Price	Price	
0	0	Maruti Wagon R LXI CNG	Mumbai	2010	72000	2	0	First	26.6 km/kg	998 CC	58.16 bhp	5.0	NaN	1.75
1	1	Hyundai Creta 1.6 CRDi SX Option	Pune	2015	41000	1	0	First	19.67 kmpl	1582 CC	126.2 bhp	5.0	NaN	12.50
2	2	Honda Jazz V	Chennai	2011	46000	0	0	First	18.2 kmpl	1199 CC	88.7 bhp	5.0	8.61 Lakh	4.50
3	3	Maruti Ertiga VDI	Chennai	2012	87000	1	0	First	20.77 kmpl	1248 CC	88.76 bhp	7.0	NaN	6.00
4	4	Audi A4 New 2.0 TDI Multitronic	Coimbatore	2013	40670	1	1	Second	15.2 kmpl	1968 CC	140.8 bhp	5.0	NaN	17.74

```
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