

Project	Car Resale value prediction
Team ID	PNT2022TMID01607
Date	26 August 2022

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 :

```
index, Car_Name, Year, Selling_Price, Present_Price, Kms_Driven, Fuel_Type, Seller_Type, Transmission, Owner
0, ritz, 2014, 3.35, 5.59, 27000, 0, 0, 0, 0
1, sx4, 2013, 4.75, 9.54, 43000, 1, 0, 0, 0
2, ciaz, 2017, 7.25, 9.85, 6900, 0, 0, 0, 0
3, wagon r, 2011, 2.85, 4.15, 5200, 0, 0, 0, 0
4, swift, 2014, 4.6, 6.87, 42450, 1, 0, 0, 0
```

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

```
car_dataset.head()
```

output :

```
index, Car_Name, Year, Selling_Price, Present_Price, Kms_Driven, Fuel_Type, Seller_Type, Transmission, Owner
0, ritz, 2014, 3.35, 5.59, 27000, 0, 0, 0, 0
1, sx4, 2013, 4.75, 9.54, 43000, 1, 0, 0, 0
2, ciaz, 2017, 7.25, 9.85, 6900, 0, 0, 0, 0
```

3,wagon r,2011,2.85,4.15,5200,0,0,0,0

4,swift,2014,4.6,6.87,42450,1,0,0,0