

Date	17 November 2022
Team ID	PNT2022TMID308912
Project Name	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**