

# Car Resales Price 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,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,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
```