

| | |
|--------------|---------------------------------------|
| Team ID | PNT2022TMID25623 |
| Project Name | Project - 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 |
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