

Date	18 November 2022
Team ID	PNT2022TMID50043
Project Name	Car Resale Value Prediction

Read the Dataset :

```
# loading the data from csv file to pandas dataframe
car_dataset = pd.read_csv('/content/car
data.csv')
```

```
#inspecting the first five rows of the dataframe
```

```
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,Petrol,Dealer,Manual,0
1,sx4,2013,4.75,9.54,43000,Diesel,Dealer,Manual,0
2,ciaz,2017,7.25,9.85,6900,Petrol,Dealer,Manual,0
3,wagon
r,2011,2.85,4.15,5200,Petrol,Dealer,Manual,0
4,swift,2014,4.6,6.87,42450,Diesel,Dealer,Manual,
0
```

```
#checking the number of rows and columns
```

```
car_dataset.shape
```

output :

```
(301, 9)
```

#getting some information about dataset

car_dataset.info() **output :**

```
<class
'pandas.core.frame.DataFrame'>
RangeIndex: 301 entries, 0 to 300 Data
columns (total 9 columns):
# Column                Non-Null Count  Dtype
-----  -
0   Car_Name            301 non-null object
1   Year                 301 non-null int64
2   Selling_Price        301 non-null float64
3   Present_Price        301 non-null float64
4   Kms_Driven           301 non-null int64
5   Fuel_Type            301 non-null object
6   Seller_Type          301 non-null object
7   Transmission         301 non-null object
8   Owner                301 non-null int64
dtypes: float64(2), int64(3), object(4)
memory usage: 21.3+ KB
```

#checking the number of missing values

car_dataset.isnull().sum()

output :

Car_Name 0

Year 0

Selling_Price 0

Present_Price 0

Kms_Driven 0

Fuel_Type 0

Seller_Type 0

Transmission 0 Owner

0 dtype:

int64

