```python
import pandas as pd
```

```python
data = pd.read_csv("https://raw.githubusercontent.com/YBI-Foundation/Dataset/main/Car%20Price.csv")
```

```python
data.isnull().sum()
```

```
Brand            0
Model            0
Year             0
Selling_Price    0
KM_Driven        0
Fuel             0
Seller_Type      0
Transmission     0
Owner            0
dtype: int64
```

```python
print(data)
```

```
        Brand                         Model  Year  Selling_Price  \
0      Maruti                  Maruti 800 AC  2007          60000
1      Maruti          Maruti Wagon R LXI Minor  2007      135000
2     Hyundai            Hyundai Verna 1.6 SX  2012         600000
3      Datsun           Datsun RediGO T Option  2017        250000
4       Honda           Honda Amaze VX i-DTEC  2014         450000
...       ...                           ...   ...            ...
4335  Hyundai  Hyundai i20 Magna 1.4 CRDi (Diesel)  2014    409999
4336  Hyundai          Hyundai i20 Magna 1.4 CRDi  2014      409999
4337   Maruti             Maruti 800 AC BSIII  2009         110000
4338  Hyundai    Hyundai Creta 1.6 CRDi SX Option  2016      865000
4339  Renault              Renault KWID RXT  2016          225000

      KM_Driven    Fuel Seller_Type Transmission        Owner
0         70000  Petrol  Individual       Manual   First Owner
1         50000  Petrol  Individual       Manual   First Owner
2        100000  Diesel  Individual       Manual   First Owner
3         46000  Petrol  Individual       Manual   First Owner
4        141000  Diesel  Individual       Manual  Second Owner
...         ...     ...         ...          ...           ...
4335      80000  Diesel  Individual       Manual  Second Owner
4336      80000  Diesel  Individual       Manual  Second Owner
4337      83000  Petrol  Individual       Manual  Second Owner
4338      90000  Diesel  Individual       Manual   First Owner
4339      40000  Petrol  Individual       Manual   First Owner

[4340 rows x 9 columns]
```

```python
data.info()
```

```
<class 'pandas.core.frame.DataFrame'>
RangeIndex: 4340 entries, 0 to 4339
Data columns (total 9 columns):
 #   Column         Non-Null Count  Dtype
---  ------         --------------  -----
 0   Brand          4340 non-null   object
 1   Model          4340 non-null   object
 2   Year           4340 non-null   int64
 3   Selling_Price  4340 non-null   int64
 4   KM_Driven      4340 non-null   int64
 5   Fuel           4340 non-null   object
 6   Seller_Type    4340 non-null   object
 7   Transmission   4340 non-null   object
 8   Owner          4340 non-null   object
dtypes: int64(3), object(6)
memory usage: 305.3+ KB
```

```python
data.describe()
```

	Year	Selling_Price	KM_Driven
count	4340.000000	4.340000e+03	4340.000000
mean	2013.090783	5.041273e+05	66215.777419
std	4.215344	5.785487e+05	46644.102194

```
print(data.dtypes)
```

```
Brand           object
Model           object
Year             int64
Selling_Price    int64
KM_Driven        int64
Fuel            object
Seller_Type     object
Transmission    object
Owner           object
dtype: object
```

```
data['KM_Driven'].dtypes
```

```
dtype('int64')
```

```
data['KM_Driven'].astype("float")
```

```
0         70000.0
1         50000.0
2        100000.0
3         46000.0
4        141000.0
           ...
4335      80000.0
4336      80000.0
4337      83000.0
4338      90000.0
4339      40000.0
Name: KM_Driven, Length: 4340, dtype: float64
```

```
data['Brand'].replace(['Maruti','Hyundai','Honda','Datsun'],[0,1,2,3],inplace=True)
```

```
print(data)
```

```
          Brand                         Model  Year  Selling_Price  \
0             0                  Maruti 800 AC  2007          60000
1             0          Maruti Wagon R LXI Minor  2007     135000
2             1               Hyundai Verna 1.6 SX  2012     600000
3             3            Datsun RediGO T Option  2017      250000
4             2            Honda Amaze VX i-DTEC  2014      450000
...         ...                           ...   ...            ...
4335          1  Hyundai i20 Magna 1.4 CRDi (Diesel)  2014   409999
4336          1         Hyundai i20 Magna 1.4 CRDi  2014      409999
4337          0               Maruti 800 AC BSIII  2009      110000
4338          1  Hyundai Creta 1.6 CRDi SX Option  2016      865000
4339     Renault                Renault KWID RXT  2016      225000

      KM_Driven    Fuel Seller_Type Transmission         Owner
0         70000  Petrol  Individual       Manual   First Owner
1         50000  Petrol  Individual       Manual   First Owner
2        100000  Diesel  Individual       Manual   First Owner
3         46000  Petrol  Individual       Manual   First Owner
4        141000  Diesel  Individual       Manual  Second Owner
...         ...     ...         ...          ...           ...
4335      80000  Diesel  Individual       Manual  Second Owner
4336      80000  Diesel  Individual       Manual  Second Owner
4337      83000  Petrol  Individual       Manual  Second Owner
4338      90000  Diesel  Individual       Manual   First Owner
4339      40000  Petrol  Individual       Manual   First Owner

[4340 rows x 9 columns]
```

✓ 0s   completed at 10:40 AM   ● ✕