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| --- | --- |
| DATA | 15-11-2022 |
| TEAM ID | PNT2022TMID47297 |
| PROJECT NAME | CAR RESALE VALUE PREDICTION |
| MY TASKS | READ THE DATASET |
| TEAM MEMBER | ANANDHAKRISHNAN |

# 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,Tran smission,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**

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1. **Car\_Name 301 non-null object**
2. **Year 301 non-null int64**
3. **Selling\_Price 301 non-null float64**
4. **Present\_Price 301 non-null float64**
5. **Kms\_Driven 301 non-null int64**
6. **Fuel\_Type 301 non-null object**
7. **Seller\_Type 301 non-null object**
8. **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**