In [10]:
```
import pandas as pd


df1 = pd.DataFrame({
    'Name': pd.Series(['Piyush', 'BObby', 'Vaishali', 'Namrata']),
    'Age': pd.Series([20, 30, 34]),
    'Location':  pd.Series(['Pune', 'Delhi', 'Gurgaon', 'MP', 'Panjab']),
})
print(df1)
```

```
       Name   Age Location
0    Piyush  20.0     Pune
1     BObby  30.0    Delhi
2  Vaishali  34.0  Gurgaon
3   Namrata   NaN       MP
4       NaN   NaN   Panjab
```

In [11]:
```
df1
```

Out[11]:

	Name	Age	Location
0	Piyush	20.0	Pune
1	BObby	30.0	Delhi
2	Vaishali	34.0	Gurgaon
3	Namrata	NaN	MP
4	NaN	NaN	Panjab

In [12]:
```
df1.isnull()
```

Out[12]:

	Name	Age	Location
0	False	False	False
1	False	False	False
2	False	False	False
3	False	True	False
4	True	True	False

In [13]:
```
df1.isnull().sum()
```

Out[13]:
```
Name        1
Age         2
Location    0
dtype: int64
```

In [14]:
```
# Drop nulll value Row and Column
df1.dropna()
```

Out[14]:

	Name	Age	Location
0	Piyush	20.0	Pune
1	BObby	30.0	Delhi
2	Vaishali	34.0	Gurgaon

In [19]:
```
#Remove duplicate row Piyush
df2 = pd.DataFrame({
    'Name': pd.Series(['  Piyush','Piyush', 'BObby', 'Vaishali', 'Namrata']),
    'Age': pd.Series([20, 20, 30, 34]),
    'Location':  pd.Series(['Pune', 'Pune', 'Delhi', 'Gurgaon', 'MP', 'Panjab']),
})
```

In [20]:
```
df2
```

Out[20]:

	Name	Age	Location
0	Piyush	20.0	Pune
1	Piyush	20.0	Pune
2	BObby	30.0	Delhi
3	Vaishali	34.0	Gurgaon
4	Namrata	NaN	MP
5	NaN	NaN	Panjab

In [ ]:
```

```