

```
In [1]: import pandas as pd
```

```
In [2]: df=pd.read_csv('D:\Project\Game Sales\Game.csv')
```

```
In [3]: df.head(5)
```

Out[3]:

	Rank	Name	Platform	Year	Genre	Publisher	NA_Sales	EU_Sales	JP_Sales	Other_Sales
0	3	Mario Kart Wii	Wii	2008.0	Racing	Nintendo	15.85	12.88	3.79	3.5
1	4	Wii Sports Resort	Wii	2009.0	Sports	Nintendo	15.75	11.01	3.28	2.9
2	6	Tetris	GB	1989.0	Puzzle	Nintendo	23.20	2.26	4.22	0.5
3	7	New Super Mario Bros.	DS	2006.0	Platform	Nintendo	11.38	9.23	6.50	2.9
4	8	Wii Play	Wii	2006.0	Misc	Nintendo	14.03	9.20	2.93	2.8



```
In [5]: df.shape
```

Out[5]: (16593, 11)

```
In [6]: df.isnull().sum()
```

Out[6]: Rank 0  
Name 0  
Platform 0  
Year 271  
Genre 0

```
Publisher      58
NA_Sales        0
EU_Sales        0
JP_Sales        0
Other_Sales     0
Global_Sales    0
dtype: int64
```

```
In [15]: df.dtypes
```

```
Out[15]: Rank      int64
Name      object
Platform   object
Year      float64
Genre      object
Publisher   object
NA_Sales   float64
EU_Sales   float64
JP_Sales   float64
Other_Sales float64
Global_Sales float64
dtype: object
```

```
In [16]: df['Year'].fillna(str(df['Year'].mode().values[0]),inplace=True)
```

```
In [17]: df.isnull().sum()
```

```
Out[17]: Rank      0
Name      0
Platform   0
Year      0
Genre      0
Publisher   58
NA_Sales    0
EU_Sales    0
JP_Sales    0
Other_Sales 0
```

```
Global_Sales      0  
dtype: int64
```

```
In [18]: df['Publisher'].fillna(str(df['Publisher'].mode().values[0]),inplace=True)
```

```
In [19]: df.isnull().sum()
```

```
Out[19]: Rank          0  
Name          0  
Platform      0  
Year          0  
Genre         0  
Publisher     0  
NA_Sales      0  
EU_Sales      0  
JP_Sales      0  
Other_Sales   0  
Global_Sales  0  
dtype: int64
```

```
In [20]: Path=('D:\Project\Game Sales\Game.csv')  
df.to_csv(Path,index=False)
```

```
In [ ]:
```