```python
import pandas as pd
```

```python
file=pd.read_csv('/Data_set.csv')
```

```python
print(file.head())
```

```
                show_name       country  num_episodes              aired_on  \
0                     NaN   South Korea            16      Friday, Saturday
1                     NaN   South Korea            16      Friday, Saturday
2   Descendants of the Sun  South Korea            16   Wednesday, Thursday
3        Boys Over Flowers   South Korea            25       Monday, Tuesday
4                       W   South Korea            16   Wednesday, Thursday

  original_network  rating  current_overall_rank  lifetime_popularity_rank  \
0              tvN     8.9                  33.0                         1
1             jTBC     8.7                  89.0                         2
2             KBS2     8.7                  77.0                         3
3             KBS2     7.7                2249.0                         4
4              MBC     8.5                 201.0                         5

    watchers
0   111706.0
1   100950.0
2    96318.0
3    94228.0
4    92121.0
```

```python
print(file.info())
```

```
<class 'pandas.core.frame.DataFrame'>
RangeIndex: 100 entries, 0 to 99
Data columns (total 9 columns):
 #   Column                    Non-Null Count  Dtype
---  ------                    --------------  -----
 0   show_name                 96 non-null     object
 1   country                   100 non-null    object
 2   num_episodes              100 non-null    int64
 3   aired_on                  99 non-null     object
 4   original_network          99 non-null     object
 5   rating                    96 non-null     float64
 6   current_overall_rank      97 non-null     float64
 7   lifetime_popularity_rank  100 non-null    int64
 8   watchers                  97 non-null     float64
dtypes: float64(3), int64(2), object(4)
memory usage: 7.2+ KB
None
```

```python
print(file.shape)
```

```
(100, 9)
```

```python
print(file.isnull())
```

	show_name	country	num_episodes	aired_on	original_network	rating \
0	True	False	False	False	False	False
1	True	False	False	False	False	False
2	False	False	False	False	False	False
3	False	False	False	False	False	False
4	False	False	False	False	False	False
..	...	...	...	...	...	...
95	False	False	False	False	False	False
96	False	False	False	False	False	False
97	False	False	False	False	False	False
98	False	False	False	False	False	False
99	False	False	False	False	False	False

	current_overall_rank	lifetime_popularity_rank	watchers
0	False	False	False
1	False	False	False
2	False	False	False
3	False	False	False
4	False	False	False
..	...	...	...
95	False	False	False
96	False	False	False
97	False	False	True
98	False	False	False
99	False	False	False

[100 rows x 9 columns]

```
print(file.isnull().sum())
```

```
show_name                 4
country                   0
num_episodes              0
aired_on                  1
original_network          1
rating                    4
current_overall_rank      3
lifetime_popularity_rank  0
watchers                  3
dtype: int64
```

```
file['show_name']=file['show_name'].fillna(file['show_name'].mode()[0])


file['aired_on']=file['aired_on'].fillna(file['aired_on'].mode()[0])


file['original_network']=file['original_network'].fillna(file['original_network'].mode()[0


file['rating']=file['rating'].fillna(file['rating'].mean())


file['current_overall_rank']=file['current_overall_rank'].fillna(file['current_overall_rar


file['watchers']=file['watchers'].fillna(file['watchers'].median())
```

+ Code + Text

```
print('------------------MODIFIED DATA-------------------------------')
```

```
------------------MODIFIED DATA-------------------------------
```

```
print(file.isnull().sum())
```

```
show_name                   0
country                     0
num_episodes                0
aired_on                    0
original_network            0
rating                      0
current_overall_rank        0
lifetime_popularity_rank    0
watchers                    0
dtype: int64
```

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