```
from google.colab import drive
                                      + Code
                                                   + Text
drive.mount('/content/drive')
     Mounted at /content/drive
import pandas as pd
import io
df = pd.read_csv('/content/imdb_top_250_series_episode_ratings.csv')
print(df)
             Unnamed: 0
                         Season
                                  Episode
                                            Rating
                                                          Code
                                                                           Title
                      0
                                               9.4
                                                    tt5491994
                                                                Planet Earth II
     0
                               1
                                         1
     1
                      1
                               1
                                         2
                                               9.1
                                                    tt5491994
                                                                Planet Earth II
     2
                      2
                               1
                                        3
                                                                Planet Earth II
                                               8.9
                                                    tt5491994
     3
                      3
                               1
                                        4
                                               8.8
                                                    tt5491994
                                                                Planet Earth II
     4
                      4
                               1
                                        5
                                               8.6
                                                    tt5491994
                                                                Planet Earth II
                             . . .
                                       . . .
                                               . . .
                                                           . . .
     15113
                    176
                               6
                                       23
                                               8.2
                                                    tt0043208
                                                                     I Love Lucy
     15114
                    177
                               6
                                        24
                                               8.8
                                                    tt0043208
                                                                     I Love Lucy
                               6
                                        25
     15115
                    178
                                               8.4
                                                    tt0043208
                                                                     I Love Lucy
     15116
                    179
                               6
                                        26
                                               8.5
                                                    tt0043208
                                                                     I Love Lucy
     15117
                    180
                               6
                                        27
                                               7.9
                                                    tt0043208
                                                                     I Love Lucy
     [15118 rows x 6 columns]
print(df.info)
     <bound method DataFrame.info of</pre>
                                               Unnamed: 0 Season Episode Rating
                                                                                            Cod
     0
                      0
                               1
                                        1
                                               9.4
                                                    tt5491994
                                                                Planet Earth II
     1
                      1
                               1
                                        2
                                                    tt5491994
                                                                Planet Earth II
                                               9.1
                      2
     2
                               1
                                        3
                                               8.9
                                                    tt5491994
                                                                Planet Earth II
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                               1
                                        4
                                               8.8
                                                    tt5491994
                                                                Planet Earth II
     4
                      4
                                        5
                                                    tt5491994
                                                                Planet Earth II
                               1
                                               8.6
     . . .
                    . . .
                             . . .
                                       . . .
                                               . . .
     15113
                    176
                               6
                                        23
                                               8.2
                                                    tt0043208
                                                                     I Love Lucy
     15114
                    177
                                        24
                                               8.8 tt0043208
                               6
                                                                     I Love Lucy
                    178
                               6
                                        25
                                                    tt0043208
     15115
                                               8.4
                                                                     I Love Lucy
                    179
                               6
                                        26
                                               8.5
                                                    tt0043208
                                                                     I Love Lucy
     15116
     15117
                    180
                               6
                                        27
                                               7.9
                                                    tt0043208
                                                                     I Love Lucy
     [15118 rows x 6 columns]>
df.head
     <bound method NDFrame.head of</pre>
                                             Unnamed: 0 Season Episode Rating
                                                                                          Code
     Title
                      0
                               1
                                        1
                                                    tt5491994
                                                                Planet Earth II
     0
                                               9.4
                                                                Planet Earth II
     1
                      1
                               1
                                         2
                                               9.1
                                                    tt5491994
                      2
     2
                               1
                                                                Planet Earth II
                                         3
                                               8.9
                                                    tt5491994
     3
                      3
                               1
                                         4
                                                    tt5491994
                                                                Planet Earth II
                                               8.8
                                         5
                                                    tt5491994
                                                                Planet Earth II
                               1
                                               8.6
```

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15113	176	6	23	8.2	tt0043208	I Love Lucy
15114	177	6	24	8.8	tt0043208	I Love Lucy
15115	178	6	25	8.4	tt0043208	I Love Lucy
15116	179	6	26	8.5	tt0043208	I Love Lucy
15117	180	6	27	7.9	tt0043208	I Love Lucy

[15118 rows x 6 columns]>

df.columns

```
Index(['Unnamed: 0', 'Season', 'Episode', 'Rating', 'Code', 'Title'],
dtype='object')
```

df.describe

<pre><bound method="" ndframe.describe="" of<="" pre=""></bound></pre>				Unnamed: 0 Season Epis	ode Rating
Code Title					
0	0	1	1	9.4 tt5491994 Planet Ear	th II
1	1	1	2	9.1 tt5491994 Planet Ear	th II
2	2	1	3	8.9 tt5491994 Planet Ear	th II
3	3	1	4	8.8 tt5491994 Planet Ear	th II
4	4	1	5	8.6 tt5491994 Planet Ear	th II
• • •	• • •		• • •	• • • • • • • • • • • • • • • • • • • •	• • •
15113	176	6	23	8.2 tt0043208 I Love	Lucy
15114	177	6	24	8.8 tt0043208 I Love	Lucy
15115	178	6	25	8.4 tt0043208 I Love	Lucy
15116	179	6	26	8.5 tt0043208 I Love	Lucy
15117	180	6	27	7.9 tt0043208 I Love	Lucy

[15118 rows x 6 columns]>

len(df)

15118

df.dtypes

Unnamed: 0 int64
Season int64
Episode int64
Rating float64
Code object
Title object

dtype: object

df.isnull().any()

Unnamed: 0 False
Season False
Episode False
Rating False
Code False
Title False

dtype: bool

df.corr()

	Unnamed: 0	Season	Episode	Rating	1
Unnamed: 0	1.000000	0.846911	0.175280	-0.405498	
Season	0.846911	1.000000	-0.155195	-0.398135	
Episode	0.175280	-0.155195	1.000000	-0.115729	
Rating	-0.405498	-0.398135	-0.115729	1.000000	

df.plot.hist()

<matplotlib.axes._subplots.AxesSubplot at 0x7f1237e4fc90>

