

Program to display IMDBS Top Rated 100 Movies

Import Libraries

```
In [18]: from bs4 import BeautifulSoup
import requests
```

Send Get request from Web page

```
In [19]: url= requests.get('https://www.imdb.com/search/title/?groups=top_100&sort=user_rating,des
url
```

```
Out[19]: <Response [200]>
```

Page Content

```
In [20]: request = url.text
```

Scrapping header

```
In [ ]: soup_data= BeautifulSoup(request, 'html.parser')
soup_data
```

```
In [22]: soup_data.title.text
```

```
Out[22]: 'IMDb "Top 100"\n(Sorted by IMDb Rating Descending) - IMDb'
```

```
In [23]: movies = soup_data.findAll('div', {'class': 'lister-item mode-advanced'})
```

```
In [24]: first_movie = movies[0]
```

```
In [25]: #Name of the movie
first_movie.h3.a.text
```

```
Out[25]: 'The Shawshank Redemption'
```

```
In [26]: #Year Of Release
first_movie.find('span',{'class':"lister-item-year text-muted unbold"}).text
```

```
Out[26]: '(1994)'
```

```
In [27]: #Ratings  
first_movie.find('div',{'class':"inline-block ratings-imdb-rating"})['data-value']
```

Out[27]: '9.3'

```
In [28]: #MetaScore  
first_movie.find('div',{'class':"inline-block ratings-metascore"}).span.text.strip()
```

Out[28]: '81'

```
In [29]: #No of votes  
first_movie.find('span',{'name':'nv'})['data-value']
```

Out[29]: '2567666'

```
In [30]: Name=[]  
Year=[]  
Ratings=[]  
Vote=[]  
  
for i in movies:  
    Name.append(i.h3.a.text)  
    Year.append(i.find('span',{'class':"list-item-year text-muted unbold"}).text)  
    Ratings.append(i.find('div',{'class':"inline-block ratings-imdb-rating"})['data-value'])  
    Vote.append(i.find('span',{'name':'nv'})['data-value'])
```

```
In [31]: data= list(zip(Name,Year,Ratings,Vote))
```

```
In [32]: import pandas as pd
```

```
In [33]: df=pd.DataFrame(data, columns=['Name','Year','Ratings','Vote'])  
df
```

Out[33]:

	Name	Year	Ratings	Vote
0	The Shawshank Redemption	(1994)	9.3	2567666
1	The Godfather	(1972)	9.2	1767603
2	The Dark Knight	(2008)	9.1	2531971
3	The Lord of the Rings: The Return of the King	(2003)	9	1766578
4	Schindler's List	(1993)	9	1308384
5	The Godfather: Part II	(1974)	9	1223014
6	12 Angry Men	(1957)	9	758329
7	The Lord of the Rings: The Fellowship of the Ring	(2001)	8.9	1788319
8	Pulp Fiction	(1994)	8.9	1971142
9	Inception	(2010)	8.8	2253500
10	The Lord of the Rings: The Two Towers	(2002)	8.8	1595994
11	Fight Club	(1999)	8.8	2020430
12	Forrest Gump	(1994)	8.8	1980529

	Name	Year	Ratings	Vote
13	Il buono, il brutto, il cattivo	(1966)	8.8	738587
14	Interstellar	(2014)	8.7	1711562
15	The Matrix	(1999)	8.7	1848216
16	Goodfellas	(1990)	8.7	1108035
17	The Empire Strikes Back	(1980)	8.7	1242389
18	One Flew Over the Cuckoo's Nest	(1975)	8.7	978272
19	Shichinin no samurai	(1954)	8.7	337342
20	It's a Wonderful Life	(1946)	8.7	442453
21	Cidade de Deus	(2002)	8.6	737962
22	The Pianist	(2002)	8.6	799926
23	Sen to Chihiro no kamikakushi	(2001)	8.6	725435
24	Saving Private Ryan	(1998)	8.6	1337633
25	The Green Mile	(1999)	8.6	1248504
26	La vita è bella	(1997)	8.6	672672
27	Se7en	(1995)	8.6	1574369
28	Léon	(1994)	8.6	1119434
29	Terminator 2: Judgment Day	(1991)	8.6	1062365
30	The Silence of the Lambs	(1991)	8.6	1376793
31	Back to the Future	(1985)	8.6	1152572
32	Star Wars	(1977)	8.6	1313902
33	Seppuku	(1962)	8.6	53129
34	Gisaengchung	(2019)	8.5	730565
35	Avengers: Infinity War	(2018)	8.5	997932
36	Whiplash	(2014)	8.5	800457
37	Django Unchained	(2012)	8.5	1483705
38	The Intouchables	(2011)	8.5	825937
39	3 Idiots	(2009)	8.5	382774
40	Spider-Man: No Way Home	(2021)	8.5	562905
41	The Prestige	(2006)	8.5	1286134
42	The Departed	(2006)	8.5	1278221
43	Memento	(2000)	8.5	1201082
44	Gladiator	(2000)	8.5	1444925
45	American History X	(1998)	8.5	1091500
46	The Usual Suspects	(1995)	8.5	1055733
47	The Lion King	(1994)	8.5	1017173
48	Nuovo Cinema Paradiso	(1988)	8.5	252991
49	Hotaru no haka	(1988)	8.5	264324

