```python
In [1]: from bs4 import BeautifulSoup as soup
        import requests as req
        import pandas as pd
        req_url = req.get('https://www.imdb.com/search/title?title_type=feature&num_votes=25000,&genres=acti
        on')
        Content = req_url.content

        page = soup(Content,'html.parser')

        #print(soup.prettify(movies_container[0]))

        movies_container = page.findAll('div',{'class':'lister-item-content'})
        print(len(movies_container))

        50
```

```python
In [2]: #print(soup.prettify(movies_container[0]))
```

```python
In [3]: '''votes ={}
        gross = {}
        v_and_g = movies_container[0].find(class_='sort-num_votes-visible').get_text(strip=True)
        x= v_and_g.split('|')
        votes = x[0].split(':')
        votes[1]'''
```

```
Out[3]: "votes ={}\ngross = {}\nv_and_g = movies_container[0].find(class_='sort-num_votes-visible').get_t
        ext(strip=True)\nx= v_and_g.split('|')\nvotes = x[0].split(':')\nvotes[1]"
```

```python
In [4]: DataSet = []
        number_of_moives = len(movies_container)
        i = 0
        while(i<number_of_moives):
            movies = {}
            m = movies_container[i]
            try:
                movies['Name'] = m.find(class_='lister-item-header').get_text(strip=True)
            except AttributeError:
                moves['Name'] = None
            try:
                movies['Certificate'] = m.find(class_='certificate').get_text(strip=True)
            except AttributeError:
                movies['Certificate'] = None
            try:
                movies['Runtime'] = m.find(class_='runtime').get_text(strip=True)
            except AttributeError:
                movies['Runtime'] = None
            try:
                movies['Genre'] = m.find(class_='genre').get_text(strip=True)
            except AttributeError:
                movies['Genre'] = None
            try:
                movies['Rating'] = m.find(class_='inline-block ratings-imdb-rating').get_text(strip=True)
            except AttributeError:
                movies['Rating'] = None
            try:
                movies['Metascore'] = m.find(class_='inline-block ratings-metascore').get_text(strip=True)
            except AttributeError:
                movies['Metascore'] = None
            try:
                votes_and_gross = m.find(class_='sort-num_votes-visible').get_text(strip=True)
                v= votes_and_gross.split('|')
                n = v[0].split(':')#
                movies['Votes'] = n[1]
            except AttributeError:
                movies['Votes'] = None
            i = i + 1
            DataSet.append(movies)

        dataframe = pd.DataFrame(DataSet)
        dataframe['Name'] = dataframe['Name'].astype(str).str[2:]
        dataframe['Metascore'] = dataframe['Metascore'].astype(str).str[0:2]
```

```python
In [7]: col_names = ["Name","Certificate",'Runtime',"Genre","Rating",'Metascore',"Votes"]
        dataframe = dataframe.reindex(columns=col_names)
        dataframe.to_csv("Output.csv")
        dataframe
```

Out[7]:

	Name	Certificate	Runtime	Genre	Rating	Metascore	Votes
0	Alita: Battle Angel(2019)	None	122 min	Action, Adventure, Romance	7.6	54	50,123
1	Polar(2019)	None	118 min	Action, Crime	6.3	19	41,138
2	Overlord(2018)	R	110 min	Action, Adventure, Horror	6.8	60	38,082
3	Aquaman(2018)	PG-13	143 min	Action, Adventure, Fantasy	7.3	55	171,894
4	Incredibles 2(2018)	PG	118 min	Animation, Action, Adventure	7.8	80	180,659
5	Robin Hood(I) (2018)	PG-13	116 min	Action, Adventure, Thriller	5.3	32	28,586
6	Mortal Engines(2018)	PG-13	128 min	Action, Adventure, Fantasy	6.2	44	43,251
7	Spider-Man: Into the Spider-Verse(2018)	PG	117 min	Animation, Action, Adventure	8.6	87	112,443
8	Avengers: Infinity War(2018)	PG-13	149 min	Action, Adventure, Fantasy	8.5	68	590,262
9	.Black Panther(2018)	PG-13	134 min	Action, Adventure, Sci-Fi	7.3	88	466,455
10	.Venom(2018)	PG-13	112 min	Action, Sci-Fi	6.8	35	237,861
11	.Ant-Man and the Wasp(2018)	PG-13	118 min	Action, Adventure, Comedy	7.1	70	198,822
12	.Solo: A Star Wars Story(2018)	PG-13	135 min	Action, Adventure, Fantasy	7.0	62	206,686
13	.Ready Player One(2018)	PG-13	140 min	Action, Adventure, Sci-Fi	7.5	64	281,183
14	.Hunter Killer(2018)	R	122 min	Action, Thriller	6.6	43	25,525
15	.Bumblebee(2018)	PG-13	114 min	Action, Adventure, Sci-Fi	7.1	66	52,794
16	.Suicide Squad(2016)	PG-13	123 min	Action, Adventure, Fantasy	6.1	40	517,260
17	.Deadpool 2(2018)	R	119 min	Action, Adventure, Comedy	7.8	66	351,854
18	.Ocean's Eight(2018)	PG-13	110 min	Action, Comedy, Crime	6.2	61	128,946
19	.The Lego Movie(2014)	PG	100 min	Animation, Action, Adventure	7.8	83	298,061
20	.Dune(1984)	None	137 min	Action, Adventure, Sci-Fi	6.6	40	109,780
21	.Mission: Impossible - Fallout(2018)	PG-13	147 min	Action, Adventure, Thriller	7.8	86	216,451
22	.The Dark Knight(2008)	PG-13	152 min	Action, Crime, Drama	9.0	84	2,023,417
23	.Thor: Ragnarok(2017)	PG-13	130 min	Action, Adventure, Comedy	7.9	74	435,152
24	.Inception(2010)	PG-13	148 min	Action, Adventure, Sci-Fi	8.8	74	1,802,679
25	.Upgrade(2018)	R	100 min	Action, Sci-Fi, Thriller	7.6	67	92,122
26	.Guardians of the Galaxy(2014)	PG-13	121 min	Action, Adventure, Comedy	8.1	76	911,805
27	.Rampage(2018)	PG-13	107 min	Action, Adventure, Sci-Fi	6.1	45	107,387
28	.The Predator(2018)	R	107 min	Action, Adventure, Sci-Fi	5.4	48	84,444
29	.Casino Royale(2006)	PG-13	144 min	Action, Adventure, Thriller	8.0	80	533,315
30	.Avatar(2009)	PG-13	162 min	Action, Adventure, Fantasy	7.8	83	1,027,511
31	.Baywatch(2017)	R	116 min	Action, Comedy, Crime	5.6	37	128,842
32	.Red Sparrow(2018)	R	140 min	Action, Drama, Thriller	6.6	53	128,868
33	.The Incredibles(2004)	PG	115 min	Animation, Action, Adventure	8.0	90	589,134
34	.The Matrix(1999)	R	136 min	Action, Sci-Fi	8.7	73	1,477,135
35	.Justice League(2017)	PG-13	120 min	Action, Adventure, Fantasy	6.5	45	314,326
36	.Den of Thieves(2018)	R	140 min	Action, Crime, Drama	7.0	49	64,740
37	.Spider-Man: Homecoming(2017)	PG-13	133 min	Action, Adventure, Sci-Fi	7.5	73	393,269
38	.Jurassic World: Fallen Kingdom(2018)	PG-13	128 min	Action, Adventure, Sci-Fi	6.2	51	199,394
39	.Game Night(I) (2018)	R	100 min	Action, Comedy, Crime	7.0	66	150,956
40	.Sicario: Day of the Soldado(2018)	R	122 min	Action, Crime, Drama	7.1	61	84,525
41	.John Wick(2014)	R	101 min	Action, Crime, Thriller	7.3	68	419,501
42	.Guardians of the Galaxy Vol. 2(2017)	PG-13	136 min	Action, Adventure, Comedy	7.7	67	448,100
43	.Jumanji: Welcome to the Jungle(2017)	PG-13	119 min	Action, Adventure, Comedy	7.0	58	231,238
44	.How to Train Your Dragon(2010)	PG	98 min	Animation, Action, Adventure	8.1	74	597,355
45	.Sicario(2015)	R	121 min	Action, Crime, Drama	7.6	82	321,048
46	.The Meg(2018)	PG-13	113 min	Action, Horror, Sci-Fi	5.7	46	98,597
47	.Jupiter Ascending(2015)	PG-13	127 min	Action, Adventure, Sci-Fi	5.3	40	164,364
48	.Watchmen(2009)	R	162 min	Action, Drama, Mystery	7.6	56	448,832
49	.Star Wars: Episode VIII - The Last Jedi(2017)	PG-13	152 min	Action, Adventure, Fantasy	7.2	85	446,124

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In [ ]:
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