### In [71]:

```
import requests
from bs4 import BeautifulSoup
```

## In [72]:

```
url_lst=[]
base_url='https://www.themoviedb.org/movie?page='

for item in range(1,51):
    url_lst.append(base_url+str(item))
```

#### In [75]:

```
for data in url_lst:
    print(data)
```

```
https://www.themoviedb.org/movie?page=1 (https://www.themoviedb.org/movi
e?page=1)
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e?page=28)
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https://www.themoviedb.org/movie?page=50 (https://www.themoviedb.org/movi
e?page=50)
```

#### In [76]:

```
movie_url_lst =[]
   common_url = 'https://www.themoviedb.org'
 2
 3
   for url in url lst:
4
       headers = {'User-Agent': 'Mozilla/5.0 (Windows NT 6.1; WOW64) AppleWebKit/537.36 (N
 5
       source data=requests.get(url, headers=headers).text
       soup_data=BeautifulSoup(source_data,'lxml')
 6
 7
       all_divs=soup_data.find_all('div', class_='card style_1')
8
       for item in all divs:
9
            movie url=item.find('a')['href']
10
            movie url=common url+movie url
            movie url lst.append(movie url)
11
```

#### In [77]:

```
common url = 'https://www.themoviedb.org'
 2
   movie info=[]
 3
 4
   for val in movie url lst:
 5
        headers = {'User-Agent': 'Mozilla/5.0 (Windows NT 6.1; WOW64) AppleWebKit/537.36 (N
 6
        source_data1=requests.get(val, headers=headers).text
 7
        soup_data1=BeautifulSoup(source_data1,'lxml')
 8
        all_divs1=soup_data1.find_all('div', class_='single_column')
 9
        for v in all_divs1:
10
            try:
11
                mn=v.find('h2').text.split('(')[0].strip()
12
                #print(mn)
13
            except:
14
                mn=('None')
                #print(mn)
15
16
            try:
                rt=v.find('div',class_='user_score_chart')['data-percent']
17
18
                #print(rt)
19
            except:
20
                rt=('None')
21
                #print(rt)
22
            try:
23
                gn=v.find('span',class_='genres').text.replace('\xa0',' ').strip()
24
                #print(gn)
25
            except:
26
                gn=('None')
27
                #print(gn)
28
            try:
29
                rd=v.find('span',class_='release').text.split('(')[0].strip()
30
                #print(rd)
31
            except:
                rd=('None')
32
33
                #print(rd)
34
35
                ru_t=v.find('span',class_='runtime').text.strip()
36
                #print(ru_t)
37
            except:
38
                ru_t=('None')
39
                #print(ru_t)
40
            try:
                dn=v.find('ol', class ="people no image").text.replace('\n',' ').strip()
41
42
                #print(dn)
43
            except:
                dn=('None')
44
45
                #print(dn)
            try:
46
47
                mu=v.find('h2')
                mu=(common_url+mu.find('a')['href'])
48
49
                #print(mu)
50
            except:
51
                mu=('none')
52
                #print(mu)
53
54
        all movie info={
55
            'Name':mn,
56
            'Rating':rt,
57
            'Genre':gn,
58
            'Release Date':rd,
59
            'Runtime':ru t,
```

```
'Director':dn,
'Url':mu

movie_info.append(all_movie_info)

#print(movie_info)

#print(movie_info)

#print(movie_info)

#print(movie_info)

#print(movie_info)
```

### In [78]:

```
1 import pandas as pd
```

### In [79]:

```
1 df = pd.DataFrame(movie_info)
```

## In [80]:

1 df

# Out[80]:

Name	Rating	Genre	Release Date	Runtime	Director	
Black Adam	73.0	Action, Fantasy, Science Fiction	10/21/2022	2h 5m	C.C. Beck Characters Bill Parker Characters	https://www.themoviedb.
R.I.P.D. 2: Rise of the Damned	68.0	Fantasy, Action, Comedy, Crime	11/15/2022	1h 42m	Paul Leyden Director, Writer Andrew Klein Wr	https://www.themoviedb.o
Paradise City	56.0	Crime, Action, Thriller	11/17/2022	1h 33m	Chuck Russell Director Edward Drake Writer	https://www.themoviedb.
Hex	38.0	Action, Horror, Thriller	11/01/2022	1h 28m	Chris Johnston Director Andy Malchiodi Direc	https://www.themoviedb.
Black Panther: Wakanda Forever	75.0	Action, Adventure, Science Fiction	11/11/2022	2h 42m	Ryan Coogler Director, Screenplay, Story Jac	https://www.themoviedb.
John Carter	63.0	Action, Adventure, Science Fiction	03/09/2012	2h 12m	Andrew Stanton Director, Screenplay Michael	https://www.themoviedb
An Interview with God	70.0	Drama, Mystery	10/25/2018	1h 37m	Perry Lang Director Ken Aguado Writer	https://www.themoviedb.
Red Shoes and the Seven Dwarfs	78.0	Animation, Romance, Family	07/25/2019	1h 32m	Hong Sung-ho Director, Writer	https://www.themoviedb.
13 Hours: The Secret Soldiers of Benghazi	73.0	War, Action, History, Drama	01/15/2016	2h 24m	Michael Bay Director Mitchell Zuckoff Novel	https://www.themoviedb.
	Black Adam  R.I.P.D. 2: Rise of the Damned  Paradise City  Hex  Black Panther: Wakanda Forever   John Carter  An Interview with God  Red Shoes and the Seven Dwarfs  13 Hours: The Secret Soldiers of	Black Adam 73.0  R.I.P.D. 2: Rise of the Damned 68.0  Paradise City 56.0  Hex 38.0  Black Panther: Wakanda Forever  John Carter 63.0  An Interview with God 70.0  Red Shoes and the Seven Dwarfs 78.0  Secret Soldiers of 73.0	Black Adam 73.0 Action, Fantasy, Science Fiction  R.I.P.D. 2: Rise of the Damned Forever City Forever Fiction  Black Panther: Wakanda Forever Forever Fiction  An Interview with God Shoes and the Seven Dwarfs  Red Shoes and the Secret Soldiers of T3.0 Action, Action, Family Drama, Mystery  Mar, Action, Action, Adventure, Science Fiction  Red Shoes and the Secret Soldiers of T3.0 Action, History, Drama	Black Adam 73.0 Fantasy, Science Fiction Paradise City 56.0 Crime, Action, Comedy, Crime Damned 75.0 Action, Thriller 11/17/2022  Black Panther: Wakanda Forever 63.0 Action, Carter Science Fiction Panther Science Fiction Panther Science Fiction Panther: Wakanda Forever 73.0 Action, Mystery 10/25/2018  Red Shoes and the Seven Dwarfs 13 Hours: The Secret Soldiers of 73.0 Action, Action, Romance, Secret Soldiers of 73.0 Action, Action, Panthy	Name         Rating         Genre         Date         Runtime           Black Adam         73.0         Action, Fantasy, Science Fiction         10/21/2022         2h 5m           R.I.P.D. 2: Rise of the Damned         68.0         Fantasy, Action, Comedy, Crime         11/15/2022         1h 42m           Paradise City         56.0         Crime, Action, Thriller         11/17/2022         1h 33m           Hex         38.0         Action, Horror, Thriller         11/101/2022         1h 28m           Black Panther: Wakanda Forever         75.0         Adventure, Science Fiction         11/11/2022         2h 42m           John Carter         63.0         Action, Adventure, Science Fiction         03/09/2012         2h 12m           Interview with God         70.0         Drama, Mystery         10/25/2018         1h 37m           Red Shoes and the Seven Dwarfs         78.0         Animation, Romance, Family Dwarfs         07/25/2019         1h 32m           13 Hours: The Secret Soldiers of Secret Seven Of The Secret Secret Secret Soldiers of The Secret	Black Adam 73.0 Ration, Fanitasy, Science Fiction 10/21/2022 2h 5m Rill Parker Characters Bill Parker Ration, Comedy, Crime 11/15/2022 1h 42m Paul Leyden Director, Writer Adtion, Comedy, Crime Action, Thriller 11/17/2022 1h 33m Parker Wilein Wr  Paradise City 56.0 Ration, Action, Thriller 11/17/2022 1h 33m Parker Wilein Wr  Hex 38.0 Ration, Horror, Thriller 11/17/2022 1h 28m Parker Wilein Wr  Black Panther: Wakanda Forever Science Fiction 75.0 Radenter Science Fiction Parker Wilein Wr  An Interview Ration, Adventure, Science Fiction Parker Wilein Wr  An Interview With God Reysh Ryan Coogler Director, Screenplay, Story Jac  Red Shoes and the Seven Ryan Romance, Seven Mystery Dwarfs 78.0 Romance, Seven Dwarfs 77.0 Romance, Seven Dwarfs 77.0 Romance, Seven Dwarfs 77.0 Romance, Seven History, Drama Not/15/2016 Parker Wiltheld Director, Writer Not/16/2016 Parker Director Not/16/201

P999 Captain Action, Adventure, Science Avenger Fiction O7/22/2011 2h 4m Director Christopher Markus Scr    Joe Johnston Director Christopher Markus Scr		Name	Rating	Genre	Release Date	Runtime	Director		
1000 rows × 7 columns	999	America: The First	70.0	Adventure, Science	07/22/2011	2h 4m	Johnston Director Christopher Markus	https://www.themovied	l
	1000	rows × 7 d	columns						~
•	4							<b>•</b>	

# In [81]:

```
1 df.to_excel('Movie_Database.xlsx')
```

# In [ ]:

1