

In [71]:

```
1 import requests
2 from bs4 import BeautifulSoup
```

In [72]:

```
1 url_lst=[]
2 base_url='https://www.themoviedb.org/movie?page='
3
4 for item in range(1,51):
5     url_lst.append(base_url+str(item))
```

In [75]:

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

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e?page=50)
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In [76]:

```
1 movie_url_lst = []
2 common_url = 'https://www.themoviedb.org'
3 for url in url_lst:
4     headers = {'User-Agent': 'Mozilla/5.0 (Windows NT 6.1; WOW64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/68.0.3422.104 Safari/537.36'}
5     source_data=requests.get(url, headers=headers).text
6     soup_data=BeautifulSoup(source_data,'lxml')
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
11        movie_url_lst.append(movie_url)
```

In [77]:

```

1 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 (KHTML, like Gecko) Chrome/68.0.3440.106 Safari/537.36'}
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')
15             #print(mn)
16         try:
17             rt=v.find('div',class_='user_score_chart')['data-percent']
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:
32             rd=('None')
33             #print(rd)
34         try:
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:
41             dn=v.find('ol', class_='people no_image').text.replace('\n', ' ').strip()
42             #print(dn)
43         except:
44             dn=('None')
45             #print(dn)
46         try:
47             mu=v.find('h2')
48             mu=(common_url+mu.find('a')['href'])
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,

```

```
60         'Director':dn,  
61         'Url':mu  
62     }  
63  
64     movie_info.append(all_movie_info)  
65     #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	
0	Black Adam	73.0	Action, Fantasy, Science Fiction	10/21/2022	2h 5m	C.C. Beck Characters Bill Parker Characters ...	https://www.themoviedb.c
1	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.or
2	Paradise City	56.0	Crime, Action, Thriller	11/17/2022	1h 33m	Chuck Russell Director Edward Drake Writer ...	https://www.themoviedb.c
3	Hex	38.0	Action, Horror, Thriller	11/01/2022	1h 28m	Chris Johnston Director Andy Malchiodi Direc...	https://www.themoviedb.c
4	Black Panther: Wakanda Forever	75.0	Action, Adventure, Science Fiction	11/11/2022	2h 42m	Ryan Coogler Director, Screenplay, Story Jac...	https://www.themoviedb.c
...	
995	John Carter	63.0	Action, Adventure, Science Fiction	03/09/2012	2h 12m	Andrew Stanton Director, Screenplay Michael ...	https://www.themoviedb
996	An Interview with God	70.0	Drama, Mystery	10/25/2018	1h 37m	Perry Lang Director Ken Aguado Writer	https://www.themoviedb.c
997	Red Shoes and the Seven Dwarfs	78.0	Animation, Romance, Family	07/25/2019	1h 32m	Hong Sung-ho Director, Writer	https://www.themoviedb.c
998	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.c

	Name	Rating	Genre	Release Date	Runtime	Director	
999	Captain America: The First Avenger	70.0	Action, Adventure, Science Fiction	07/22/2011	2h 4m	Joe Johnston Director Christopher Markus Scr...	https://www.themoviedl

1000 rows × 7 columns

In [81]:

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

In []:

```
1
```