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In [1]: import requests as req
        from bs4 import BeautifulSoup
        from time import sleep
        import random
        from numpy import random
        import pandas as pd
```

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In [2]: from selenium.webdriver import Chrome
        driver = Chrome(executable_path='chromedriver')
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```
In [4]: url = "https://www.rottentomatoes.com/top/bestofrt/"
        driver.get(url)
        html = driver.page_source
        s = BeautifulSoup(html, "lxml")
```

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In [5]: genres_links = []
        genres = []
        films = s.find('ul', class_='dropdown-menu').findAll('a')
        for film in films:
            link = " " + film.get('href')
            genre = film.text
            genres_links.append("https://www.rottentomatoes.com"+str(link).replace(" ", ""))
            genres.append(str(genre)[1:].replace(" ", ""))
```

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In [7]: data = []
        i = 0

        for url in genres_links:
            driver.get(url)
            html = driver.page_source
            s = BeautifulSoup(html, "lxml")
            print(genres[i])
            blocks = s.find('table', class_='table').findAll('tr')
            for block in blocks[1:]:
                title = block.find('a', class_='unstyled articleLink').text[1:].replace(" ", "")
                score = block.find('span', class_='tMeterScore').text[1:-1]
                data.append([title, genres[i], score])

            i=i+1
```

Action&Adventure
Animation
ArtHouse&International
Classics
Comedy
Documentary
Drama
Horror
Kids&Family
Musical&PerformingArts
Mystery&Suspense
Romance
ScienceFiction&Fantasy
SpecialInterest
Sports&Fitness
Television
Western

```
In [8]: len(data)
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Out[8]: 1610
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In [9]: data[0]
```

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Out[9]: ['BlackPanther(2018)', 'Action&Adventure', '96']
```

```
In [10]: head = ['title', 'genre', 'score']  
dt = pd.DataFrame(data, columns=head)  
dt.to_csv('tomat_data.csv', sep=';', encoding='utf-16')
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In [ ]:
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