Biographic Movie Review Analysis Using Machine Learning for NLP

Student Id:vcu526

Name: Vishalakshi Arumugam

```
# Import The Libraries Needed
In [1]:
         import requests
         from selenium import webdriver
         from selenium.webdriver.support import ui
         from selenium.common.exceptions import NoSuchElementException
         from selenium.common.exceptions import ElementNotInteractableException
         from selenium.common.exceptions import TimeoutException
         from selenium.webdriver.support import expected_conditions as EC
         from selenium.webdriver.common.action chains import ActionChains
         from selenium.webdriver.support.ui import WebDriverWait
         from selenium.webdriver.common.by import By
         from urllib.parse import urljoin
         from bs4 import BeautifulSoup
         import csv
         import pandas as pd
         import numpy as np
         import re
         import string
         from imdb import IMDb
         import seaborn as sns
         # from keras.preprocessing.text import Tokenizer
         # from keras.preprocessing.sequence import pad sequences
         # from keras.utils import to categorical
         # import matplotlib.pyplot as plt
         # %matplotlib inline
         # import spacy
```

Scrape the Movie Reviews

For this Analysis I have scraped the Biographic Movie reviews from IMDB Dataset for the Movie whose release year is greater than or equal to 2010.

```
# Set the Header Details for Movie review File
In [2]:
         header1 = ["Movie_Name","Review_Title", "Review_User","Review_content","Rating"]
         myfile1 = open("Review.csv", 'w',newline="",encoding='utf-8')
         csvwriter = csv.writer(myfile1, delimiter =',')
         csvwriter.writerow(header1)
         myfile1.close()
         # Set up the Urls for the scraping
In [3]:
         base_url="https://www.imdb.com"
         review concat="?ref =undefined&paginationKey="
         review ajax ="/ ajax"
```

next_url = "https://www.imdb.com/title/tt10618286/reviews/_ajax?ref_=undefined&paginati

From IMDB Website have already scraped all the biographic Movies along with the

year, Genre, Director, runtime, rating, metascore, review_url. In the Some of the Movie doesnt have release year. Filter out the Movie which doent have proper year and grouped all the movies into a year wise dataframe which in turn used to scrape the movie reviews

```
movie df = pd.read csv('MovieReview.csv')
In [17]:
          movie_df.columns= ['Movie_name','Year','Genre','Director','Runtime','Rating','Metascore
          is numeric year = movie df['Year'].astype(str).str.isnumeric()
          movie with proper year= movie df[is numeric year]
          movie with proper year['Year'].astype(int)
          movie 2010 2014 df=movie with proper year[(movie with proper year['Year'].astype(int)>=
          movie_2010_2014_df=movie_2010_2014_df.reset_index(drop=True)
          print("Index of movie 2010 2014 df:", movie 2010 2014 df.index)
          print("movie_2010_2014_df:",len(movie_2010_2014_df))
          movie 2015 2017 df=movie with proper year[(movie with proper year['Year'].astype(int)>=
          movie 2015 2017 df=movie 2015 2017 df.reset index(drop=True)
          print("Index of movie_2015_2017_df:",movie_2015_2017_df.index)
          print("movie_2015_2017_df:",len(movie_2015_2017_df))
          movie 2017 till df=movie with proper year[(movie with proper year['Year'].astype(int)>2
          movie 2017 till df=movie 2017 till df.reset index(drop=True)
          print("Index of movie_2017_till_df:",movie_2017_till_df.index)
          print("movie_2017_till_df:",len(movie_2017_till_df))
          movie_2010_df = movie_with_proper_year[(movie_with_proper_year['Year'].astype(int)==201
          print("Movie_2010_df:",len(movie_2010_df))
          print("Index of Movie 2010 df:",movie 2010 df.index)
          movie 2011 df = movie with proper year[(movie with proper year['Year'].astype(int)==201
          print("Movie_2011_df:",len(movie_2011_df))
          print("Index of Movie_2011_df:",movie_2011_df.index)
          movie_2012_df = movie_with_proper_year[(movie_with_proper_year['Year'].astype(int)==201
          print("Movie_2012_df:",len(movie_2012_df))
          print("Index of Movie 2012 df:",movie 2012 df.index)
          movie_2013_df = movie_with_proper_year[(movie_with_proper_year['Year'].astype(int)==201
          print("Movie_2013_df:",len(movie_2013_df))
          print("Index of Movie_2013_df:",movie_2013_df.index)
          movie_2014_df = movie_with_proper_year[(movie_with_proper_year['Year'].astype(int)==201
          print("Movie 2014 df:",len(movie 2014 df))
          print("Index of Movie_2014_df:",movie_2014_df.index)
          movie 2015 df = movie with proper year[(movie with proper year['Year'].astype(int)==201
          print("Movie_2015_df:",len(movie_2015_df))
          print("Index of Movie_2015_df:",movie_2015_df.index)
          movie 2016 df = movie with proper year[(movie with proper year['Year'].astype(int)==201
          print("Movie 2016 df:",len(movie 2016 df))
          print("Index of Movie_2016_df:",movie_2016_df.index)
          movie 2017 df = movie with proper year[(movie with proper year['Year'].astype(int)==201
          print("Movie_2017_df:",len(movie_2017_df))
          print("Index of Movie 2017 df:",movie 2017 df.index)
          movie 2018 df = movie with proper year[(movie with proper year['Year'].astype(int)==201
          print("Movie_2018_df:",len(movie_2018_df))
          print("Index of Movie_2018_df:",movie_2018_df.index)
          movie_2019_df = movie_with_proper_year[(movie_with_proper_year['Year'].astype(int)==201
          print("Movie_2019_df:",len(movie_2019_df))
          print("Index of Movie_2019_df:",movie_2019_df.index)
          movie 2020 df = movie with proper year[(movie with proper year['Year'].astype(int)==202
          print("Movie_2020_df:",len(movie_2020_df))
          print("Index of Movie 2020 df:",movie 2020 df.index)
          movie_2021_df = movie_with_proper_year[(movie_with_proper_year['Year'].astype(int)==202
          print("Movie 2021 df:",len(movie 2021 df))
          print("Index of Movie 2021 df:",movie 2021 df.index)
```

Index of movie 2010_2014_df: RangeIndex(start=0, stop=868, step=1) movie_2010_2014_df: 868

```
Index of movie 2015 2017 df: RangeIndex(start=0, stop=746, step=1)
movie 2015 2017 df: 746
Index of movie 2017 till df: RangeIndex(start=0, stop=848, step=1)
movie 2017 till df: 848
Movie 2010 df: 149
Index of Movie 2010 df: RangeIndex(start=0, stop=149, step=1)
Movie 2011 df: 150
Index of Movie 2011 df: RangeIndex(start=0, stop=150, step=1)
Movie 2012 df: 148
Index of Movie 2012 df: RangeIndex(start=0, stop=148, step=1)
Movie 2013 df: 211
Index of Movie_2013_df: RangeIndex(start=0, stop=211, step=1)
Movie 2014_df: 210
Index of Movie_2014_df: RangeIndex(start=0, stop=210, step=1)
Movie 2015 df: 223
Index of Movie_2015_df: RangeIndex(start=0, stop=223, step=1)
Movie_2016_df: 269
Index of Movie_2016_df: RangeIndex(start=0, stop=269, step=1)
Movie 2017 df: 254
Index of Movie_2017_df: RangeIndex(start=0, stop=254, step=1)
Movie 2018 df: 248
Index of Movie 2018 df: RangeIndex(start=0, stop=248, step=1)
Movie 2019 df: 241
Index of Movie 2019 df: RangeIndex(start=0, stop=241, step=1)
Movie 2020 df: 159
Index of Movie 2020 df: RangeIndex(start=0, stop=159, step=1)
Movie 2021 df: 156
Index of Movie 2021 df: RangeIndex(start=0, stop=156, step=1)
```

Scraped top 25 reviews for the Biographic movies whose release year greater than 2010 and placed in the file named "Review_All_Movie_top25".

```
# Code To scrape the 25 reviews for every Biography movie whose release year > 2010
In [10]:
          print("Scrape 2010-2014 movies review")
          movie_count = 0
          for index, movie in movie 2010 2014 df.iterrows():
              print("index:", index)
              print("length:",len(movie_2010_2014_df))
              movie count+=1
              if index < len(movie_2010_2014_df):</pre>
                  movie name file = movie['Movie name']
                   print('MovieCount:', movie count)
                   print('Movie Name:', movie name file)
                   Review_page_response, review_content = get_webpage_content(movie['Review_url'])
                   Rev_res_code=int(re.findall(r"[0-9]+", str(Review_page_response))[0])
                   print(Rev_res_code)
                   if (Rev res code>=200 | Rev res code<300):</pre>
                       get review details(movie name file, review content)
                   else:
                       print("No Review Available")
          print("Scrape 2015-2017 movies review")
          movie count = 0
          for index, movie in movie 2015 2017 df.iterrows():
              print("index:", index)
              print("length:",len(movie_2015_2017_df))
              movie count+=1
              if index < len(movie_2015_2017_df):</pre>
                   movie_name_file = movie['Movie_name']
                   print('MovieCount:',movie_count)
                   print('Movie Name:',movie_name_file)
                   Review page response, review content = get webpage content(movie['Review url'])
                   Rev_res_code=int(re.findall(r"[0-9]+", str(Review_page_response))[0])
```

```
print(Rev_res_code)
         if (Rev res code>=200 | Rev res code<300):</pre>
             get_review_details(movie_name_file,review_content)
         else:
             print("No Review Available")
 print("Scrape > 2017 movies review")
movie count = 0
 for index, movie in movie 2017 till df.iterrows():
     movie count+=1
     print("index:", index)
     print("length:",len(movie 2017 till df))
     if index < len(movie_2017_till_df):</pre>
         movie name file = movie['Movie name']
         print('MovieCount:',movie_count)
         print('Movie Name:', movie name file)
         Review_page_response,review_content = get_webpage_content(movie['Review_url'])
         Rev_res_code=int(re.findall(r"[0-9]+", str(Review_page_response))[0])
         print(Rev res code)
         if (Rev res code>=200 | Rev res code<300):</pre>
             get_review_details(movie_name_file,review_content)
         else:
             print("No Review Available")
Scrape 2010-2014 movies review
```

```
index: 0
length: 868
MovieCount: 1
Movie Name: The Wolf of Wall Street
200
index: 1
length: 868
MovieCount: 2
Movie Name: Moneyball
200
index: 2
length: 868
MovieCount: 3
Movie Name: The Social Network
200
index: 3
length: 868
MovieCount: 4
Movie Name: Rush
200
index: 4
length: 868
MovieCount: 5
Movie Name: The Intouchables
200
index: 5
length: 868
MovieCount: 6
Movie Name: 12 Years a Slave
200
index: 6
length: 868
MovieCount: 7
Movie Name: Argo
200
index: 7
length: 868
MovieCount: 8
Movie Name: Unbroken
```

200

index: 8 length: 868 MovieCount: 9 Movie Name: The Imitation Game 200 index: 9 length: 868 MovieCount: 10 Movie Name: Dallas Buyers Club 200 index: 10 length: 868 MovieCount: 11 Movie Name: 42 200 index: 11 length: 868 MovieCount: 12 Movie Name: Lincoln 200 index: 12 length: 868 MovieCount: 13 Movie Name: American Sniper 200 index: 13 length: 868 MovieCount: 14 Movie Name: Lone Survivor 200 index: 14 length: 868 MovieCount: 15 Movie Name: The King's Speech 200 index: 15 length: 868 MovieCount: 16 Movie Name: The Theory of Everything 200 index: 16 length: 868 MovieCount: 17 Movie Name: Captain Phillips 200 index: 17 length: 868 MovieCount: 18 Movie Name: Kon-Tiki 200 index: 18 length: 868 MovieCount: 19 Movie Name: The Fighter 200 index: 19 length: 868 MovieCount: 20 Movie Name: Wild 200 index: 20 length: 868 MovieCount: 21 Movie Name: 127 Hours

index: 21 length: 868 MovieCount: 22

Movie Name: Eat Pray Love

200 index: 22 length: 868 MovieCount: 23

Movie Name: Foxcatcher

200

index: 23 length: 868 MovieCount: 24

Movie Name: Fruitvale Station

200

index: 24 length: 868 MovieCount: 25

Movie Name: The Butler

200

index: 25 length: 868 MovieCount: 26

Movie Name: 3096 Tage

200

index: 26 length: 868 MovieCount: 27

Movie Name: Philomena

200

index: 27 length: 868 MovieCount: 28

Movie Name: Get on Up

200

index: 28 length: 868 MovieCount: 29

Movie Name: The Bling Ring

200

index: 29 length: 868 MovieCount: 30

Movie Name: Soul Surfer

200

index: 30 length: 868 MovieCount: 31

Movie Name: The Iceman

200

index: 31 length: 868 MovieCount: 32

Movie Name: The Wind Rises

200

index: 32 length: 868 MovieCount: 33

Movie Name: Saving Mr. Banks

200

index: 33 length: 868 MovieCount: 34

Movie Name: The Sapphires

index: 34 length: 868 MovieCount: 35 Movie Name: Lovelace 200 index: 35 length: 868 MovieCount: 36 Movie Name: Selma 200 index: 36 length: 868 MovieCount: 37 Movie Name: A Dangerous Method 200 index: 37 length: 868 MovieCount: 38 Movie Name: The Snowtown Murders 200 index: 38 length: 868 MovieCount: 39 Movie Name: My Week with Marilyn 200 index: 39 length: 868 MovieCount: 40 Movie Name: The Iron Lady 200 index: 40 length: 868 MovieCount: 41 Movie Name: Deliver Us from Evil 200 index: 41 length: 868 MovieCount: 42 Movie Name: Hitchcock 200 index: 42 length: 868 MovieCount: 43 Movie Name: Kill Your Darlings 200 index: 43 length: 868 MovieCount: 44 Movie Name: Kill the Irishman 200 index: 44 length: 868 MovieCount: 45 Movie Name: Belle 200 index: 45 length: 868 MovieCount: 46 Movie Name: J. Edgar 200 index: 46 length: 868 MovieCount: 47 Movie Name: Big Eyes

index: 47 length: 868 MovieCount: 48

Movie Name: Jersey Boys

200

index: 48 length: 868 MovieCount: 49

Movie Name: Love & Mercy

200

index: 49 length: 868 MovieCount: 50

Movie Name: A Royal Affair

200

index: 50 length: 868 MovieCount: 51

Movie Name: The Runaways

200

index: 51 length: 868 MovieCount: 52 Movie Name: Pride

200

index: 52 length: 868 MovieCount: 53 Movie Name: Jobs

200 index: 53 length: 868 MovieCount: 54

Movie Name: Devil's Knot

200

index: 54 length: 868 MovieCount: 55

Movie Name: The Grandmaster

200

index: 55 length: 868 MovieCount: 56

Movie Name: Testament of Youth

200

index: 56 length: 868 MovieCount: 57

Movie Name: Kill the Messenger

200

index: 57 length: 868 MovieCount: 58

Movie Name: Pawn Sacrifice

200

index: 58 length: 868 MovieCount: 59

Movie Name: The Devil's Double

200

index: 59 length: 868 MovieCount: 60

Movie Name: The Sessions

index: 60 length: 868 MovieCount: 61 Movie Name: Behind The Candelabra 200 index: 61 length: 868 MovieCount: 62 Movie Name: Tracks 200 index: 62 length: 868 MovieCount: 63 Movie Name: Effie Gray 200 index: 63 length: 868 MovieCount: 64 Movie Name: The Fifth Estate 200 index: 64 length: 868 MovieCount: 65 Movie Name: Bernie 200 index: 65 length: 868 MovieCount: 66 Movie Name: Ip Man 2 200 index: 66 length: 868 MovieCount: 67 Movie Name: The Railway Man 200 index: 67 length: 868 MovieCount: 68 Movie Name: Machine Gun Preacher 200 index: 68 length: 868 MovieCount: 69 Movie Name: Chasing Mavericks 200 index: 69 length: 868 MovieCount: 70 Movie Name: Secretariat 200 index: 70 length: 868 MovieCount: 71 Movie Name: Mandela: Long Walk to Freedom 200 index: 71 length: 868 MovieCount: 72 Movie Name: Diana 200 index: 72 length: 868 MovieCount: 73 Movie Name: The Whistleblower

index: 73 length: 868 MovieCount: 74

Movie Name: Heaven Is for Real

200 index: 74 length: 868 MovieCount: 75

Movie Name: Fair Game

200

index: 75 length: 868 MovieCount: 76

Movie Name: Mr. Turner

200

index: 76 length: 868 MovieCount: 77 Movie Name: Puncture

200

index: 77 length: 868 MovieCount: 78

Movie Name: Conviction

200

index: 78 length: 868 MovieCount: 79

Movie Name: Hysteria

200

index: 79 length: 868 MovieCount: 80

Movie Name: Million Dollar Arm

200

index: 80 length: 868 MovieCount: 81

Movie Name: Frankie & Alice

200

index: 81 length: 868 MovieCount: 82 Movie Name: Mr. Nice

200

index: 82 length: 868 MovieCount: 83

Movie Name: Queen & Country

200

index: 83 length: 868 MovieCount: 84

Movie Name: Son of God

200

index: 84 length: 868 MovieCount: 85

Movie Name: Big Miracle

200

index: 85 length: 868 MovieCount: 86

Movie Name: The Look of Love

index: 86 length: 868 MovieCount: 87 Movie Name: Into the White 200 index: 87 length: 868 MovieCount: 88 Movie Name: The Good Lie 200 index: 88 length: 868 MovieCount: 89 Movie Name: Kilo Two Bravo 200 index: 89 length: 868 MovieCount: 90 Movie Name: Red Dog 200 index: 90 length: 868 MovieCount: 91 Movie Name: The Invisible Woman 200 index: 91 length: 868 MovieCount: 92 Movie Name: Grace of Monaco 200 index: 92 length: 868 MovieCount: 93 Movie Name: Made in Dagenham 200 index: 93 length: 868 MovieCount: 94 Movie Name: Kid Cannabis 200 index: 94 length: 868 MovieCount: 95 Movie Name: Gagarin. Pervyy v kosmose 200 index: 95 length: 868 MovieCount: 96 Movie Name: Rise of the Legend 200 index: 96 length: 868 MovieCount: 97

Movie Name: Hyde Park on Hudson

200 index: 97 length: 868 MovieCount: 98

Movie Name: When the Game Stands Tall

200

index: 98 length: 868 MovieCount: 99 Movie Name: The Lady

index: 99 length: 868 MovieCount: 100

Movie Name: Summer in February

200

index: 100 length: 868 MovieCount: 101

Movie Name: Burning Blue

200

index: 101 length: 868 MovieCount: 102

Movie Name: Paan Singh Tomar

200

index: 102 length: 868 MovieCount: 103 Movie Name: Shahid

200

index: 103 length: 868 MovieCount: 104

Movie Name: Casino Jack

200

index: 104 length: 868 MovieCount: 105

Movie Name: Kelebegin Rüyasi

200

index: 105 length: 868 MovieCount: 106

Movie Name: Love Ranch

200

index: 106 length: 868 MovieCount: 107

Movie Name: Bruna Surfistinha

200

index: 107 length: 868 MovieCount: 108

Movie Name: The Dance of Reality

200

index: 108 length: 868 MovieCount: 109

Movie Name: Yves Saint Laurent

200

index: 109 length: 868 MovieCount: 110

Movie Name: Rob the Mob

200

index: 110 length: 868 MovieCount: 111

Movie Name: Hannah Arendt

200

index: 111 length: 868 MovieCount: 112

Movie Name: One Chance

```
index: 112
length: 868
MovieCount: 113
Movie Name: Sex & Drugs & Rock & Roll
200
index: 113
length: 868
MovieCount: 114
Movie Name: Mary Kom
200
index: 114
length: 868
MovieCount: 115
Movie Name: The Bang Bang Club
200
index: 115
length: 868
MovieCount: 116
Movie Name: No One Killed Jessica
200
index: 116
length: 868
MovieCount: 117
Movie Name: Saint Laurent
200
index: 117
length: 868
MovieCount: 118
Movie Name: Renoir
200
index: 118
length: 868
MovieCount: 119
Movie Name: Bhaag Milkha Bhaag
200
index: 119
length: 868
MovieCount: 120
Movie Name: Jamesy Boy
200
index: 120
length: 868
MovieCount: 121
Movie Name: Gainsbourg: A Heroic Life
200
index: 121
length: 868
MovieCount: 122
Movie Name: The Hammer
200
index: 122
length: 868
MovieCount: 123
Movie Name: Jimi: All Is by My Side
200
index: 123
length: 868
MovieCount: 124
Movie Name: The Dark Horse
200
index: 124
length: 868
MovieCount: 125
Movie Name: Pasolini
```

localhost:8888/nbconvert/html/Visha/MS details/Spring 2021/Data Foundation/Final Project/Scrape the biography Movie reviews.ipynb?download=... 13/222

index: 125 length: 868 MovieCount: 126 Movie Name: Gloria 200 index: 126 length: 868 MovieCount: 127 Movie Name: The Devil's Violinist 200 index: 127 length: 868 MovieCount: 128 Movie Name: The Legend Is Born: Ip Man 200 index: 128 length: 868 MovieCount: 129 Movie Name: Rosewater 200 index: 129 length: 868 MovieCount: 130 Movie Name: Eden 200 index: 130 length: 868 MovieCount: 131 Movie Name: Jimmy's Hall 200 index: 131 length: 868 MovieCount: 132 Movie Name: Against the Sun 200 index: 132 length: 868 MovieCount: 133 Movie Name: Digging Up the Marrow 200 index: 133 length: 868 MovieCount: 134 Movie Name: Mary Queen of Scots 200 index: 134 length: 868 MovieCount: 135 Movie Name: Reaching for the Moon 200 index: 135 length: 868 MovieCount: 136 Movie Name: Howl 200 index: 136 length: 868 MovieCount: 137 Movie Name: Low Down 200 index: 137 length: 868 MovieCount: 138 Movie Name: To Write Love on Her Arms

index: 138 length: 868 MovieCount: 139 Movie Name: Cantinflas 200 index: 139 length: 868 MovieCount: 140 Movie Name: The Color of Time 200 index: 140 length: 868 MovieCount: 141 Movie Name: Oranges and Sunshine 200 index: 141 length: 868 MovieCount: 142 Movie Name: Sonny Boy 200 index: 142 length: 868 MovieCount: 143 Movie Name: There Be Dragons 200 index: 143 length: 868 MovieCount: 144 Movie Name: Cesar Chavez 200 index: 144 length: 868 MovieCount: 145 Movie Name: Holy Rollers 200 index: 145 length: 868 MovieCount: 146 Movie Name: Starving in Suburbia 200 index: 146 length: 868 MovieCount: 147 Movie Name: The Last of Robin Hood 200 index: 147 length: 868 MovieCount: 148 Movie Name: The Liberator 200 index: 148 length: 868 MovieCount: 149 Movie Name: Lauf Junge lauf 200 index: 149 length: 868 MovieCount: 150 Movie Name: The Better Angels 200 index: 150 length: 868

MovieCount: 151

Movie Name: Blue Caprice

```
index: 151
length: 868
MovieCount: 152
Movie Name: The Dirty Picture
200
index: 152
length: 868
MovieCount: 153
Movie Name: Good Vibrations
200
index: 153
length: 868
MovieCount: 154
Movie Name: Drift
200
index: 154
length: 868
MovieCount: 155
Movie Name: Bukowski
200
index: 155
length: 868
MovieCount: 156
Movie Name: Yip Man: Jung gik yat zin
200
index: 156
length: 868
MovieCount: 157
Movie Name: The 5th Quarter
200
index: 157
length: 868
MovieCount: 158
Movie Name: Goltzius and the Pelican Company
200
index: 158
length: 868
MovieCount: 159
Movie Name: Unconditional
200
index: 159
length: 868
MovieCount: 160
Movie Name: Shootout at Wadala
200
index: 160
length: 868
MovieCount: 161
Movie Name: Süskind
200
index: 161
length: 868
MovieCount: 162
Movie Name: Jimmy P: Psychotherapy Of A Plains Indian
200
index: 162
length: 868
MovieCount: 163
Movie Name: The Taking of Tiger Mountain
200
index: 163
length: 868
MovieCount: 164
Movie Name: Desert Dancer
```

localhost:8888/nbconvert/html/Visha/MS details/Spring 2021/Data Foundation/Final Project/Scrape the biography Movie reviews.ipynb?download=... 16/222

index: 164 length: 868 MovieCount: 165 Movie Name: Saving Lincoln 200 index: 165 length: 868

MovieCount: 166 Movie Name: The Robber

200

index: 166 length: 868 MovieCount: 167 Movie Name: Bogowie

200

index: 167 length: 868 MovieCount: 168 Movie Name: Violette

200

index: 168 length: 868 MovieCount: 169

Movie Name: Rakhta Charitra

200

index: 169 length: 868 MovieCount: 170

Movie Name: Camille Claudel 1915

200

index: 170 length: 868 MovieCount: 171

Movie Name: Legend No. 17

200

index: 171 length: 868 MovieCount: 172

Movie Name: The Last Ride

200

index: 172 length: 868 MovieCount: 173

Movie Name: Bless Me Ultima

200

index: 173 length: 868 MovieCount: 174

Movie Name: Haute Cuisine

200

index: 174 length: 868 MovieCount: 175 Movie Name: The Cup

200

index: 175 length: 868 MovieCount: 176

Movie Name: Top Secret: Wai roon pun lan

200

index: 176 length: 868 MovieCount: 177

Movie Name: The Perfect Wave

index: 177 length: 868 MovieCount: 178 Movie Name: Nude 200 index: 178 length: 868 MovieCount: 179 Movie Name: Marina 200 index: 179 length: 868 MovieCount: 180 Movie Name: Katherine of Alexandria 200 index: 180 length: 868 MovieCount: 181 Movie Name: The Chameleon 200 index: 181 length: 868 MovieCount: 182 Movie Name: Nokas 200 index: 182 length: 868 MovieCount: 183 Movie Name: Guan yun chang 200 index: 183 length: 868 MovieCount: 184 Movie Name: Montevideo vidimo se! 200 index: 184 length: 868 MovieCount: 185 Movie Name: Set Fire to the Stars 200 index: 185 length: 868 MovieCount: 186 Movie Name: The Audience 200 index: 186 length: 868 MovieCount: 187 Movie Name: Muhammad Ali's Greatest Fight 200 index: 187 length: 868 MovieCount: 188 Movie Name: Castles in the Sky 200 index: 188 length: 868 MovieCount: 189 Movie Name: Lucia de B. 200 index: 189 length: 868 MovieCount: 190 Movie Name: Black Butterflies

index: 190 length: 868 MovieCount: 191 Movie Name: Noble 200 index: 191 length: 868 MovieCount: 192

Movie Name: My Name Is Bernadette

200

index: 192 length: 868 MovieCount: 193

Movie Name: Marie Krøyer

200

index: 193 length: 868 MovieCount: 194

Movie Name: Janie Jones

200

index: 194 length: 868 MovieCount: 195

Movie Name: God Loves Caviar

200

index: 195 length: 868 MovieCount: 196

Movie Name: A Funny Man

200

index: 196 length: 868 MovieCount: 197

Movie Name: Electric Slide

200

index: 197 length: 868 MovieCount: 198

Movie Name: Dschungelkind

200

index: 198 length: 868 MovieCount: 199 Movie Name: Rasputin

200

index: 199 length: 868 MovieCount: 200

Movie Name: The Bell Witch Haunting

200

index: 200 length: 868 MovieCount: 201

Movie Name: Rakhta Charitra 2

200

index: 201 length: 868 MovieCount: 202

Movie Name: Zeiten ändern Dich

200

index: 202 length: 868 MovieCount: 203

Movie Name: The Last Sentence

index: 203 length: 868 MovieCount: 204

Movie Name: Angel of Evil

200

index: 204 length: 868 MovieCount: 205

Movie Name: Habibie & Ainun

200

index: 205 length: 868 MovieCount: 206

Movie Name: Nanga Parbat

200

index: 206 length: 868 MovieCount: 207

Movie Name: The Circle

200

index: 207 length: 868 MovieCount: 208

Movie Name: I Am Slave

200

index: 208 length: 868 MovieCount: 209

Movie Name: Spies & Glistrup

200

index: 209 length: 868 MovieCount: 210 Movie Name: Veda

200

index: 210 length: 868 MovieCount: 211 Movie Name: Leonie

200

index: 211 length: 868 MovieCount: 212

Movie Name: Return to Babylon

200

index: 212 length: 868 MovieCount: 213 Movie Name: iSteve

200

index: 213 length: 868 MovieCount: 214 Movie Name: Cloclo

200

index: 214 length: 868 MovieCount: 215 Movie Name: Monica Z

200

index: 215 length: 868 MovieCount: 216 Movie Name: Henri 4

index: 216 length: 868 MovieCount: 217 Movie Name: Young Goethe in Love 200 index: 217 length: 868 MovieCount: 218 Movie Name: Sesir profesora Koste Vujica index: 218 length: 868 MovieCount: 219 Movie Name: Cornelis 200 index: 219 length: 868 MovieCount: 220 Movie Name: Crimes of the Mind 200 index: 220 length: 868 MovieCount: 221 Movie Name: Max Schmeling 200 index: 221 length: 868 MovieCount: 222 Movie Name: Lope 200 index: 222 length: 868 MovieCount: 223 Movie Name: A Green Story 200 index: 223 length: 868 MovieCount: 224 Movie Name: The Broken Tower 200 index: 224 length: 868 MovieCount: 225 Movie Name: Papusza 200 index: 225 length: 868 MovieCount: 226 Movie Name: Kong Zi 200 index: 226 length: 868 MovieCount: 227 Movie Name: Entrelobos 200 index: 227 length: 868 MovieCount: 228 Movie Name: Jud Süss - Film ohne Gewissen 200 index: 228 length: 868 MovieCount: 229 Movie Name: Huang jin shi dai

index: 229 length: 868 MovieCount: 230 Movie Name: Jappeloup 200 index: 230 length: 868 MovieCount: 231 Movie Name: Die Vermessung der Welt index: 231 length: 868 MovieCount: 232 Movie Name: Ragamuffin 200 index: 232 length: 868 MovieCount: 233 Movie Name: Matt's Chance 200 index: 233 length: 868 MovieCount: 234 Movie Name: Wer wenn nicht wir 200 index: 234 length: 868 MovieCount: 235 Movie Name: The First Grader 200 index: 235 length: 868 MovieCount: 236 Movie Name: Kurmanjan datka 200 index: 236 length: 868 MovieCount: 237 Movie Name: Il giovane favoloso 200 index: 237 length: 868 MovieCount: 238 Movie Name: Sal 200 index: 238 length: 868 MovieCount: 239 Movie Name: Mastram 200 index: 239 length: 868 MovieCount: 240 Movie Name: El Presidente 200 index: 240 length: 868 MovieCount: 241 Movie Name: Difret 200 index: 241 length: 868 MovieCount: 242 Movie Name: Mozart's Sister

```
index: 242
length: 868
MovieCount: 243
Movie Name: Marie's Story
200
index: 243
length: 868
MovieCount: 244
Movie Name: Louis Cyr
200
index: 244
length: 868
MovieCount: 245
Movie Name: Underground: The Julian Assange Story
200
index: 245
length: 868
MovieCount: 246
Movie Name: 11.6
200
index: 246
length: 868
MovieCount: 247
Movie Name: My Paparotti
200
index: 247
length: 868
MovieCount: 248
Movie Name: Rengô kantai shirei chôkan: Yamamoto Isoroku
200
index: 248
length: 868
MovieCount: 249
Movie Name: Colette
200
index: 249
length: 868
MovieCount: 250
Movie Name: Présumé coupable
200
index: 250
length: 868
MovieCount: 251
Movie Name: Sri Siddhartha Gautama
200
index: 251
length: 868
MovieCount: 252
Movie Name: Jaatishwar
200
index: 252
length: 868
MovieCount: 253
Movie Name: Tim Maia
200
index: 253
length: 868
MovieCount: 254
Movie Name: Risen
200
index: 254
length: 868
MovieCount: 255
Movie Name: Walesa. Czlowiek z nadziei
```

localhost:8888/nbconvert/html/Visha/MS details/Spring 2021/Data Foundation/Final Project/Scrape the biography Movie reviews.ipynb?download=... 23/222

index: 255 length: 868 MovieCount: 256 Movie Name: Ludwig II 200 index: 256 length: 868 MovieCount: 257 Movie Name: 1987 200 index: 257 length: 868 MovieCount: 258 Movie Name: Violeta Went to Heaven 200 index: 258 length: 868 MovieCount: 259 Movie Name: Njinga Rainha de Angola 200 index: 259 length: 868 MovieCount: 260 Movie Name: Ramanujan 200 index: 260 length: 868 MovieCount: 261 Movie Name: Winnie Mandela 200 index: 261 length: 868 MovieCount: 262 Movie Name: Casanova Variations 200 index: 262 length: 868 MovieCount: 263 Movie Name: Dersimiz: Atatürk 200 index: 263 length: 868 MovieCount: 264 Movie Name: The Creep Behind the Camera 200 index: 264 length: 868 MovieCount: 265 Movie Name: Bruce Lee My Brother 200 index: 265 length: 868 MovieCount: 266 Movie Name: The Strange Case of Wilhelm Reich 200 index: 266 length: 868 MovieCount: 267 Movie Name: Old Goats 200 index: 267 length: 868 MovieCount: 268

Movie Name: Soekarno: Indonesia Merdeka

index: 268 length: 868 MovieCount: 269 Movie Name: Hijrah Cinta 200 index: 269 length: 868 MovieCount: 270 Movie Name: Xingu 200 index: 270 length: 868 MovieCount: 271 Movie Name: Kano 200 index: 271 length: 868 MovieCount: 272 Movie Name: Mafia Millionaires 200 index: 272 length: 868 MovieCount: 273 Movie Name: Hidalgo - La historia jamás contada. 200 index: 273 length: 868 MovieCount: 274 Movie Name: The Grim Sleeper 200 index: 274 length: 868 MovieCount: 275 Movie Name: Approved for Adoption 200 index: 275 length: 868 MovieCount: 276 Movie Name: Petchakat 200 index: 276 length: 868 MovieCount: 277 Movie Name: Sinatra Club 200 index: 277 length: 868 MovieCount: 278 Movie Name: Bert & Dickie 200 index: 278 length: 868 MovieCount: 279 Movie Name: Omar m'a tuer 200 index: 279 length: 868 MovieCount: 280 Movie Name: La conquête 200 index: 280 length: 868 MovieCount: 281

Movie Name: The Savior

```
index: 281
length: 868
MovieCount: 282
Movie Name: Father Rupert Mayer
200
index: 282
length: 868
MovieCount: 283
Movie Name: Nena
200
index: 283
length: 868
MovieCount: 284
Movie Name: Branio sam Mladu Bosnu
200
index: 284
length: 868
MovieCount: 285
Movie Name: Orda
200
index: 285
length: 868
MovieCount: 286
Movie Name: Winnerz
200
index: 286
length: 868
MovieCount: 287
Movie Name: Oshin
200
index: 287
length: 868
MovieCount: 288
Movie Name: La petite reine
200
index: 288
length: 868
MovieCount: 289
Movie Name: Tabu - Es ist die Seele ein Fremdes auf Erden
200
index: 289
length: 868
MovieCount: 290
Movie Name: Jestes Bogiem
200
index: 290
length: 868
MovieCount: 291
Movie Name: Victor Young Perez
200
index: 291
length: 868
MovieCount: 292
Movie Name: Moner Manush
200
index: 292
length: 868
MovieCount: 293
Movie Name: Hell and Mr. Fudge
200
index: 293
length: 868
MovieCount: 294
Movie Name: Paulo Coelho's Best Story
```

index: 294 length: 868 MovieCount: 295 Movie Name: 23-F: la película 200 index: 295 length: 868 MovieCount: 296 Movie Name: Mahler on the Couch 200 index: 296 length: 868 MovieCount: 297 Movie Name: Heleno: O Príncipe Maldito 200 index: 297 length: 868 MovieCount: 298 Movie Name: The Dreamlife of David L 200 index: 298 length: 868 MovieCount: 299 Movie Name: Jeanne captive 200 index: 299 length: 868 MovieCount: 300 Movie Name: Heute bin ich blond 200 index: 300 length: 868 MovieCount: 301 Movie Name: Hür Adam: Bediüzzaman Said Nursi 200 index: 301 length: 868 MovieCount: 302 Movie Name: Zenne Dancer 200 index: 302 length: 868 MovieCount: 303 Movie Name: Hemalkasa 200 index: 303 length: 868 MovieCount: 304 Movie Name: Chico Xavier 200 index: 304 length: 868 MovieCount: 305 Movie Name: Banklady 200 index: 305 length: 868 MovieCount: 306 Movie Name: VIPs 200 index: 306 length: 868 MovieCount: 307 Movie Name: Boca do Lixo

```
index: 307
length: 868
MovieCount: 308
Movie Name: Vysotsky: Thank God I'm Alive
200
index: 308
length: 868
MovieCount: 309
Movie Name: Joshua Tree 1951: A Portrait of James Dean
index: 309
length: 868
MovieCount: 310
Movie Name: As Dreamers Do
200
index: 310
length: 868
MovieCount: 311
Movie Name: Che
200
index: 311
length: 868
MovieCount: 312
Movie Name: Rickover: The Birth of Nuclear Power
200
index: 312
length: 868
MovieCount: 313
Movie Name: Pedro Calungsod: Batang martir
200
index: 313
length: 868
MovieCount: 314
Movie Name: Makaramanju
200
index: 314
length: 868
MovieCount: 315
Movie Name: Rasputin
200
index: 315
length: 868
MovieCount: 316
Movie Name: Gonzaga: De Pai pra Filho
200
index: 316
length: 868
MovieCount: 317
Movie Name: Na Quebrada
200
index: 317
length: 868
MovieCount: 318
Movie Name: ¡Asu Mare!
200
index: 318
length: 868
MovieCount: 319
Movie Name: Jayhawkers
200
index: 319
length: 868
MovieCount: 320
Movie Name: Das Ende ist mein Anfang
```

localhost:8888/nbconvert/html/Visha/MS details/Spring 2021/Data Foundation/Final Project/Scrape the biography Movie reviews.ipynb?download=... 28/222

```
index: 320
length: 868
MovieCount: 321
Movie Name: Tukaram
200
index: 321
length: 868
MovieCount: 322
Movie Name: San Martín: El cruce de Los Andes
index: 322
length: 868
MovieCount: 323
Movie Name: Sang Kiai
200
index: 323
length: 868
MovieCount: 324
Movie Name: Günah Keçisi
200
index: 324
length: 868
MovieCount: 325
Movie Name: A Woman's Revenge
200
index: 325
length: 868
MovieCount: 326
Movie Name: Ni guang fei xiang
200
index: 326
length: 868
MovieCount: 327
Movie Name: Somos Tão Jovens
200
index: 327
length: 868
MovieCount: 328
Movie Name: Yaroslav. Tysyachu let nazad
200
index: 328
length: 868
MovieCount: 329
Movie Name: Queen Elizabeth II: The Diamond Celebration
200
index: 329
length: 868
MovieCount: 330
Movie Name: Corbo
200
index: 330
length: 868
MovieCount: 331
Movie Name: Aglaja
200
index: 331
length: 868
MovieCount: 332
Movie Name: Italo Barocco
200
index: 332
length: 868
MovieCount: 333
Movie Name: Federico García Lorca Noir Despair
```

localhost:8888/nbconvert/html/Visha/MS details/Spring 2021/Data Foundation/Final Project/Scrape the biography Movie reviews.ipynb?download=... 29/222

```
index: 333
length: 868
MovieCount: 334
Movie Name: Cloud Air: The Movie
200
index: 334
length: 868
MovieCount: 335
Movie Name: Untold
200
index: 335
length: 868
MovieCount: 336
Movie Name: Prinsessa
200
index: 336
length: 868
MovieCount: 337
Movie Name: Shirdi Sai
200
index: 337
length: 868
MovieCount: 338
Movie Name: The Mystery of Dante
200
index: 338
length: 868
MovieCount: 339
Movie Name: Che strano chiamarsi Federico
200
index: 339
length: 868
MovieCount: 340
Movie Name: The Fly Room
200
index: 340
length: 868
MovieCount: 341
Movie Name: Métamorphoses
200
index: 341
length: 868
MovieCount: 342
Movie Name: Pearl
200
index: 342
length: 868
MovieCount: 343
Movie Name: Bombal
200
index: 343
length: 868
MovieCount: 344
Movie Name: Puerta de Hierro el exilio de Perón
200
index: 344
length: 868
MovieCount: 345
Movie Name: Tatsumi
200
index: 345
length: 868
MovieCount: 346
Movie Name: El mural
```

```
index: 346
length: 868
MovieCount: 347
Movie Name: Home by Christmas
200
index: 347
length: 868
MovieCount: 348
Movie Name: 72 Miles Ek Pravas
200
index: 348
length: 868
MovieCount: 349
Movie Name: The Road to Destiny
200
index: 349
length: 868
MovieCount: 350
Movie Name: Aleister Crowley: Legend of the Beast
200
index: 350
length: 868
MovieCount: 351
Movie Name: Operation Autumn
200
index: 351
length: 868
MovieCount: 352
Movie Name: Pablo
200
index: 352
length: 868
MovieCount: 353
Movie Name: Beduin
200
index: 353
length: 868
MovieCount: 354
Movie Name: Getúlio
200
index: 354
length: 868
MovieCount: 355
Movie Name: King of the Sands
200
index: 355
length: 868
MovieCount: 356
Movie Name: Luka
200
index: 356
length: 868
MovieCount: 357
Movie Name: Falks Grav
200
index: 357
length: 868
MovieCount: 358
Movie Name: Nainsukh
200
index: 358
length: 868
MovieCount: 359
Movie Name: Chunmeng
```

```
index: 359
length: 868
MovieCount: 360
Movie Name: James McNeill Whistler and the Case for Beauty
200
index: 360
length: 868
MovieCount: 361
Movie Name: Meghe Dhaka Tara
200
index: 361
length: 868
MovieCount: 362
Movie Name: Josh
200
index: 362
length: 868
MovieCount: 363
Movie Name: Undaunted... The Early Life of Josh McDowell
200
index: 363
length: 868
MovieCount: 364
Movie Name: Benjamin Britten: Peace and Conflict
200
index: 364
length: 868
MovieCount: 365
Movie Name: 476 A.D. Chapter One: The Last Light of Aries
200
index: 365
length: 868
MovieCount: 366
Movie Name: Tezuka Osamu no budda: Akai sabaku yo! Utsukushiku
200
index: 366
length: 868
MovieCount: 367
Movie Name: A Moment of Youth
200
index: 367
length: 868
MovieCount: 368
Movie Name: Portable Life
200
index: 368
length: 868
MovieCount: 369
Movie Name: Iron Ivan
200
index: 369
length: 868
MovieCount: 370
Movie Name: The Locksmith
200
index: 370
length: 868
MovieCount: 371
Movie Name: Sang Pencerah
200
index: 371
length: 868
MovieCount: 372
Movie Name: Nene Hatun
```

index: 372 length: 868 MovieCount: 373 Movie Name: The Death of Socrates 200 index: 373 length: 868 MovieCount: 374 Movie Name: Piché: entre ciel et terre index: 374 length: 868 MovieCount: 375 Movie Name: Avenues 200 index: 375 length: 868 MovieCount: 376 Movie Name: The Light: Swami Vivekananda 200 index: 376 length: 868 MovieCount: 377 Movie Name: Tenchi meisatsu 200 index: 377 length: 868 MovieCount: 378 Movie Name: My Name Is Nobody 200 index: 378 length: 868 MovieCount: 379 Movie Name: Swami Ayyappan 200 index: 379 length: 868 MovieCount: 380 Movie Name: Super Task Force One 200 index: 380 length: 868 MovieCount: 381 Movie Name: Come il vento 200 index: 381 length: 868 MovieCount: 382 Movie Name: El Gran Vázquez 200 index: 382 length: 868 MovieCount: 383 Movie Name: Doktor Rej i djavoli 200 index: 383 length: 868 MovieCount: 384 Movie Name: Project M 200 index: 384 length: 868 MovieCount: 385 Movie Name: Allende en su laberinto

index: 385 length: 868 MovieCount: 386 Movie Name: Monica 200 index: 386 length: 868 MovieCount: 387 Movie Name: Lea i Darija 200 index: 387 length: 868 MovieCount: 388 Movie Name: Florbela 200 index: 388 length: 868 MovieCount: 389 Movie Name: Warrior Princess 200 index: 389 length: 868 MovieCount: 390 Movie Name: Beautiful 200 index: 390 length: 868 MovieCount: 391 Movie Name: Gerry 200 index: 391 length: 868 MovieCount: 392 Movie Name: Yona 200 index: 392 length: 868 MovieCount: 393 Movie Name: Invasion 1897 200 index: 393 length: 868 MovieCount: 394 Movie Name: Merry Riana: Mimpi Sejuta Dolar 200 index: 394 length: 868 MovieCount: 395 Movie Name: We Are Moluccans 200 index: 395 length: 868 MovieCount: 396 Movie Name: Norman Wisdom: His Story 200 index: 396 length: 868 MovieCount: 397 Movie Name: Mirath 200 index: 397 length: 868 MovieCount: 398

Movie Name: Celluloid

```
Scrape the biography Movie reviews
index: 398
length: 868
MovieCount: 399
Movie Name: The Gardener of God
200
index: 399
length: 868
MovieCount: 400
Movie Name: Huérfanos
200
index: 400
length: 868
MovieCount: 401
Movie Name: The Great Intervention
200
index: 401
length: 868
MovieCount: 402
Movie Name: Mee Sindhutai Sapkal
200
index: 402
length: 868
MovieCount: 403
Movie Name: Joseph Smith: Plates of Gold
200
index: 403
length: 868
MovieCount: 404
Movie Name: ToyKhtoProyshovKrizVohon
200
index: 404
length: 868
MovieCount: 405
Movie Name: Gola Berij
200
index: 405
length: 868
MovieCount: 406
Movie Name: Irmã Dulce
200
index: 406
length: 868
MovieCount: 407
Movie Name: My Name Is Ernest
200
index: 407
length: 868
MovieCount: 408
Movie Name: Supremo
200
index: 408
length: 868
MovieCount: 409
Movie Name: Nirbashito
200
index: 409
length: 868
MovieCount: 410
Movie Name: El fantástico mundo de Juan Orol
200
index: 410
length: 868
MovieCount: 411
Movie Name: Cyril and Methodius: The Apostles of the Slavs
```

localhost:8888/nbconvert/html/Visha/MS details/Spring 2021/Data Foundation/Final Project/Scrape the biography Movie reviews.ipynb?download=... 35/222

```
index: 411
length: 868
MovieCount: 412
Movie Name: The Tenor
200
index: 412
length: 868
MovieCount: 413
Movie Name: Chotoder Chobi
200
index: 413
length: 868
MovieCount: 414
Movie Name: Türkan
200
index: 414
length: 868
MovieCount: 415
Movie Name: 2 Frogs in the West
200
index: 415
length: 868
MovieCount: 416
Movie Name: Isabella de Rosis
200
index: 416
length: 868
MovieCount: 417
Movie Name: #aiww: The Arrest of Ai Weiwei
200
index: 417
length: 868
MovieCount: 418
Movie Name: Farzand-e sobh
200
index: 418
length: 868
MovieCount: 419
Movie Name: En helt vanlig dag på jobben
200
index: 419
length: 868
MovieCount: 420
Movie Name: Manjunath
200
index: 420
length: 868
MovieCount: 421
Movie Name: Buddha 2: Tezuka Osamu no Budda - Owarinaki tabi
200
index: 421
length: 868
MovieCount: 422
Movie Name: Ljubav dolazi kasnije
200
index: 422
length: 868
MovieCount: 423
Movie Name: Ivan Megharoopan
200
index: 423
length: 868
MovieCount: 424
Movie Name: God's Faithful Servant: Barla
```

index: 424 length: 868 MovieCount: 425 Movie Name: My Greatest Teacher 200 index: 425 length: 868 MovieCount: 426 Movie Name: Juan y Eva 200 index: 426 length: 868 MovieCount: 427 Movie Name: Acharya 200 index: 427 length: 868 200 index: 428

MovieCount: 428

Movie Name: Natsu no owari

length: 868 MovieCount: 429

Movie Name: Sokola Rimba

200

index: 429 length: 868 MovieCount: 430

Movie Name: Alfredo S. Lim: The Untold Story

200

index: 430 length: 868 MovieCount: 431

Movie Name: Flat Earth

200

index: 431 length: 868 MovieCount: 432 Movie Name: Attahaasa

200

index: 432 length: 868 MovieCount: 433

Movie Name: I Was Saddam's Son

200

index: 433 length: 868 MovieCount: 434

Movie Name: Yuriko dasuvidânya

200

index: 434 length: 868 MovieCount: 435

Movie Name: The Bag Lady

200

index: 435 length: 868 MovieCount: 436

Movie Name: Diamonds to Dust

200

index: 436 length: 868 MovieCount: 437

Movie Name: Raskal Love

```
Scrape the biography Movie reviews
index: 437
length: 868
MovieCount: 438
Movie Name: Reveròn
200
index: 438
length: 868
MovieCount: 439
Movie Name: Brooklyn Gangster
200
index: 439
length: 868
MovieCount: 440
Movie Name: PAPA the Man the Myth the Legend New Project
200
index: 440
length: 868
MovieCount: 441
Movie Name: Startap
200
index: 441
length: 868
MovieCount: 442
Movie Name: Zlatna levica - Prica o Radivoju Koracu
200
index: 442
length: 868
MovieCount: 443
Movie Name: National Theatre Live: A Disappearing Number
200
index: 443
length: 868
MovieCount: 444
Movie Name: Simone
200
index: 444
length: 868
MovieCount: 445
Movie Name: Anita e Garibaldi
200
index: 445
length: 868
MovieCount: 446
Movie Name: Jenni Rivera - La Diva De La Banda
200
index: 446
length: 868
MovieCount: 447
Movie Name: King George VI: The Man Behind the King's Speech
200
index: 447
length: 868
MovieCount: 448
Movie Name: Queen of Media
200
index: 448
length: 868
MovieCount: 449
Movie Name: Taylor Swift: American Beauty
200
index: 449
length: 868
MovieCount: 450
Movie Name: Celles qui aimaient Richard Wagner
```

index: 450 length: 868 MovieCount: 451 Movie Name: Viagem a Portugal 200 index: 451 length: 868 MovieCount: 452 Movie Name: Malik Ek 200 index: 452 length: 868 MovieCount: 453 Movie Name: Nirvana: A Gangster Odyssey 200 index: 453 length: 868 MovieCount: 454 Movie Name: The Disciple 200 index: 454 length: 868 MovieCount: 455 Movie Name: Amnesia: Who Are You? 200 index: 455 length: 868 MovieCount: 456 Movie Name: The Public Girl 200 index: 456 length: 868 MovieCount: 457 Movie Name: Sex in the Red Zone 200 index: 457 length: 868 MovieCount: 458 Movie Name: The Unseen World 200 index: 458 length: 868 MovieCount: 459 Movie Name: Jokowi 200 index: 459 length: 868 MovieCount: 460 Movie Name: Ninah's Dowry 200 index: 460 length: 868 MovieCount: 461 Movie Name: Chempiony 200 index: 461 length: 868 MovieCount: 462 Movie Name: Nightmares and Dreams 200 index: 462 length: 868 MovieCount: 463 Movie Name: The WC: The Film

```
index: 463
length: 868
MovieCount: 464
Movie Name: Trinta
200
index: 464
length: 868
MovieCount: 465
Movie Name: The Gertrude Stein Mystery or Some Like It Art
200
index: 465
length: 868
MovieCount: 466
Movie Name: The David Whiting Story
200
index: 466
length: 868
MovieCount: 467
Movie Name: Dominic: Light of the Church
200
index: 467
length: 868
MovieCount: 468
Movie Name: Odbrojavanje
200
index: 468
length: 868
MovieCount: 469
Movie Name: Bolívar el hombre de las dificultades
200
index: 469
length: 868
MovieCount: 470
Movie Name: Zyvie Belarus
200
index: 470
length: 868
MovieCount: 471
Movie Name: Farsh wa Ghata
200
index: 471
length: 868
MovieCount: 472
Movie Name: O Fantasma do Novais
200
index: 472
length: 868
MovieCount: 473
Movie Name: Amy Winehouse: Fallen Star
200
index: 473
length: 868
MovieCount: 474
Movie Name: Steve Jobs: iGenius
200
index: 474
length: 868
MovieCount: 475
Movie Name: Karol który zostal swietym
200
index: 475
length: 868
MovieCount: 476
Movie Name: Zerkala
```

localhost:8888/nbconvert/html/Visha/MS details/Spring 2021/Data Foundation/Final Project/Scrape the biography Movie reviews.ipynb?download=... 40/222

index: 476 length: 868 MovieCount: 477 Movie Name: Soegija 200 index: 477 length: 868 MovieCount: 478 Movie Name: Tai Chi 200 index: 478 length: 868 MovieCount: 479 Movie Name: All about Joe 200 index: 479 length: 868 MovieCount: 480 Movie Name: Passannante 200 index: 480 length: 868 MovieCount: 481 Movie Name: I.M. Caravaggio 200 index: 481 length: 868 MovieCount: 482 Movie Name: A Grande Vitória 200 index: 482 length: 868 MovieCount: 483 Movie Name: Alfonso Sansone produttore per caso 200 index: 483 length: 868 MovieCount: 484 Movie Name: Krokodyle 200 index: 484 length: 868 MovieCount: 485 Movie Name: Karolina 200 index: 485 length: 868 MovieCount: 486 Movie Name: Chagall-Malevich 200 index: 486 length: 868 MovieCount: 487 Movie Name: National Theatre Live: Travelling Light 200 index: 487 length: 868 MovieCount: 488 Movie Name: Oghab-e Sahra 200 index: 488 length: 868 MovieCount: 489 Movie Name: Philip Roth: Unmasked

index: 489 length: 868 MovieCount: 490 Movie Name: You ren zan mei cong hui you ren ze bu 200 index: 490 length: 868 MovieCount: 491 Movie Name: Bheema Theeradalli 200 index: 491 length: 868 MovieCount: 492 Movie Name: Walther 200 index: 492 length: 868 MovieCount: 493 Movie Name: A Strong Collected Spirit 200 index: 493 length: 868 MovieCount: 494 Movie Name: Pasolini la verità nascosta 200 index: 494 length: 868 MovieCount: 495 Movie Name: Verdades verdaderas la vida de Estela 200 index: 495 length: 868 MovieCount: 496 Movie Name: Non escludo il ritorno 200 index: 496 length: 868 MovieCount: 497 Movie Name: The Yellow Wallpaper 200 index: 497 length: 868 MovieCount: 498 Movie Name: Bombay Talkies 200 index: 498 length: 868 MovieCount: 499 Movie Name: Nad zycie 200 index: 499 length: 868 MovieCount: 500 Movie Name: Nema aviona za Zagreb 200 index: 500 length: 868 MovieCount: 501 Movie Name: The Lastbenchers 200 index: 501 length: 868 MovieCount: 502 Movie Name: Belgrano

```
index: 502
length: 868
MovieCount: 503
Movie Name: Well Received the Death of an Artist
200
index: 503
length: 868
MovieCount: 504
Movie Name: Slimane
200
index: 504
length: 868
MovieCount: 505
Movie Name: Tell Them of Us
200
index: 505
length: 868
MovieCount: 506
Movie Name: True Love
200
index: 506
length: 868
MovieCount: 507
Movie Name: Sakura Sakura
200
index: 507
length: 868
MovieCount: 508
Movie Name: The Greatest Love of All: Whitney Houston
200
index: 508
length: 868
MovieCount: 509
Movie Name: Jing cha ri ji
200
index: 509
length: 868
MovieCount: 510
Movie Name: Ek Rani Aisi Bhi Thi
200
index: 510
length: 868
MovieCount: 511
Movie Name: La maison du pêcheur
200
index: 511
length: 868
MovieCount: 512
Movie Name: Kufferten
200
index: 512
length: 868
MovieCount: 513
Movie Name: Uzun bir gün
200
index: 513
length: 868
MovieCount: 514
Movie Name: L'oeil de l'astronome
200
index: 514
length: 868
MovieCount: 515
Movie Name: Cousins
```

index: 515 length: 868 MovieCount: 516 Movie Name: Az ügynökök a paradicsomba mennek 200 index: 516 length: 868 MovieCount: 517 Movie Name: Last Curtain Call 200 index: 517 length: 868 MovieCount: 518 Movie Name: Ink: A Tale of Captivity 200 index: 518 length: 868 MovieCount: 519 Movie Name: The Trial of Socrates 200 index: 519 length: 868 MovieCount: 520 Movie Name: Jokowi Adalah Kita 200 index: 520 length: 868 MovieCount: 521 Movie Name: Moon Dream 200 index: 521 length: 868 MovieCount: 522 Movie Name: Pumpuang 200 index: 522 length: 868 MovieCount: 523 Movie Name: Carl Lutz 200 index: 523 length: 868 MovieCount: 524 Movie Name: Mój biegun 200 index: 524 length: 868 MovieCount: 525 Movie Name: Chris Crooks: Crimes & Misdemeanours 200 index: 525 length: 868 MovieCount: 526 Movie Name: Baczynski 200 index: 526 length: 868 MovieCount: 527 Movie Name: Dirty Picture: Silk Sakkath Maga 200 index: 527 length: 868 MovieCount: 528 Movie Name: Los Traficantes

```
index: 528
length: 868
MovieCount: 529
Movie Name: Bai mi zha dan ke
200
index: 529
length: 868
MovieCount: 530
Movie Name: Ferida arrel: Maria-Mercè Marçal
index: 530
length: 868
MovieCount: 531
Movie Name: Biagio
200
index: 531
length: 868
MovieCount: 532
Movie Name: Our Beautiful Secret
200
index: 532
length: 868
MovieCount: 533
Movie Name: Emil
200
index: 533
length: 868
MovieCount: 534
Movie Name: Pablo de Tarso: El último viaje
200
index: 534
length: 868
MovieCount: 535
Movie Name: Karol
200
index: 535
length: 868
MovieCount: 536
Movie Name: Butterfly Wings
200
index: 536
length: 868
MovieCount: 537
Movie Name: Waiting in Wilderness
200
index: 537
length: 868
MovieCount: 538
Movie Name: Garegin Nzhdeh
200
index: 538
length: 868
MovieCount: 539
Movie Name: Walking Through Fires
200
index: 539
length: 868
MovieCount: 540
Movie Name: Annemarie Schwarzenbach Duende
200
index: 540
length: 868
MovieCount: 541
Movie Name: A Föld szeretöje
```

```
index: 541
length: 868
MovieCount: 542
Movie Name: Pupi Avati ieri oggi domani
200
index: 542
length: 868
MovieCount: 543
Movie Name: Innocent Belgium
200
index: 543
length: 868
MovieCount: 544
Movie Name: Io sono con te
200
index: 544
length: 868
MovieCount: 545
Movie Name: The Easton Assassin (The Larry Holmes Story)
200
index: 545
length: 868
MovieCount: 546
Movie Name: Sopra e sotto i mari
200
index: 546
length: 868
MovieCount: 547
Movie Name: Hibakusha
200
index: 547
length: 868
MovieCount: 548
Movie Name: Kalervo Palsa ja kuriton käsi
200
index: 548
length: 868
MovieCount: 549
Movie Name: Paul Wears Dresses
200
index: 549
length: 868
MovieCount: 550
Movie Name: The New Testament
200
index: 550
length: 868
MovieCount: 551
Movie Name: Hella W
200
index: 551
length: 868
MovieCount: 552
Movie Name: La sinapsis del códice
200
index: 552
length: 868
MovieCount: 553
Movie Name: Mantovani the King of Strings
200
index: 553
length: 868
MovieCount: 554
Movie Name: Il rosa nudo
```

```
index: 554
length: 868
MovieCount: 555
Movie Name: La vie pure
200
index: 555
length: 868
MovieCount: 556
Movie Name: Pascoli a Barga
200
index: 556
length: 868
MovieCount: 557
Movie Name: Kôchi: 40-sai no figyua sukêtâ
200
index: 557
length: 868
MovieCount: 558
Movie Name: Juan Marsé habla de Juan Marsé
200
index: 558
length: 868
MovieCount: 559
Movie Name: Wallis Simpson Loved and Lost
200
index: 559
length: 868
MovieCount: 560
Movie Name: Texatude
200
index: 560
length: 868
MovieCount: 561
Movie Name: Your Brother. Remember?
200
index: 561
length: 868
MovieCount: 562
Movie Name: Blast and Whisper
200
index: 562
length: 868
MovieCount: 563
Movie Name: National Theatre Live: Fela!
200
index: 563
length: 868
MovieCount: 564
Movie Name: 'NORMAL ' (Real Stories from the sex industry)
200
index: 564
length: 868
MovieCount: 565
Movie Name: Bobrauschenbergamerica
200
index: 565
length: 868
MovieCount: 566
Movie Name: Wilds to Riches
200
index: 566
length: 868
MovieCount: 567
Movie Name: KIMYE - The True Life Story of Kanye West and Kim Kardashian
```

```
index: 567
length: 868
MovieCount: 568
Movie Name: Beyonce: Destined for Stardom
200
index: 568
length: 868
MovieCount: 569
Movie Name: Leaving on a Jet Plane
200
index: 569
length: 868
MovieCount: 570
Movie Name: Au cas où je n'aurais pas la palme d'or
200
index: 570
length: 868
MovieCount: 571
Movie Name: Xia yi ge qi ji
200
index: 571
length: 868
MovieCount: 572
Movie Name: Miguel San Miguel
200
index: 572
length: 868
MovieCount: 573
Movie Name: JJ Star... How Embarrassing
200
index: 573
length: 868
MovieCount: 574
Movie Name: Metal Heads
200
index: 574
length: 868
MovieCount: 575
Movie Name: Swabhoomi
200
index: 575
length: 868
MovieCount: 576
Movie Name: The Killers In Connecticut
200
index: 576
length: 868
MovieCount: 577
Movie Name: Ven. Jian Zhen
200
index: 577
length: 868
MovieCount: 578
Movie Name: Perurena
200
index: 578
length: 868
MovieCount: 579
Movie Name: Francis of Brooklyn
200
index: 579
length: 868
MovieCount: 580
Movie Name: Dios Me Libre
```

```
Scrape the biography Movie reviews
index: 580
length: 868
MovieCount: 581
Movie Name: El Rayo
200
index: 581
length: 868
MovieCount: 582
Movie Name: Hello Stranger
200
index: 582
length: 868
MovieCount: 583
Movie Name: Ek Noor
200
index: 583
length: 868
MovieCount: 584
Movie Name: Schwarzer Zucker
200
index: 584
length: 868
MovieCount: 585
Movie Name: Persistence of Memory
200
index: 585
length: 868
MovieCount: 586
Movie Name: 9 Summers 10 Autumns
200
index: 586
length: 868
MovieCount: 587
Movie Name: Maria Graham: Diary of a Residence in Chile
200
index: 587
length: 868
MovieCount: 588
Movie Name: Ego o Giannoulis Halepas
200
index: 588
length: 868
MovieCount: 589
Movie Name: Imerologia amnisias
200
index: 589
length: 868
MovieCount: 590
Movie Name: Product of My Environment
200
index: 590
length: 868
MovieCount: 591
Movie Name: Pigernes Dario: Et portræt af Dario Campeotto
200
index: 591
length: 868
MovieCount: 592
Movie Name: Dying for Living
200
index: 592
length: 868
MovieCount: 593
Movie Name: Bir Aylak Adam
```

localhost:8888/nbconvert/html/Visha/MS details/Spring 2021/Data Foundation/Final Project/Scrape the biography Movie reviews.ipynb?download=... 49/222

```
index: 593
length: 868
MovieCount: 594
Movie Name: Çiglik Çigliga Bir Sevda
200
index: 594
length: 868
MovieCount: 595
Movie Name: I Was Born Traveling
200
index: 595
length: 868
MovieCount: 596
Movie Name: Justin Bieber: This Is My World
200
index: 596
length: 868
MovieCount: 597
Movie Name: Comandante Max
200
index: 597
length: 868
MovieCount: 598
Movie Name: Krim Belkacem
200
index: 598
length: 868
MovieCount: 599
Movie Name: The Rugged Priest
200
index: 599
length: 868
MovieCount: 600
Movie Name: Ana de Los Angeles
200
index: 600
length: 868
MovieCount: 601
Movie Name: Chesu mare: Bullying diabólico
200
index: 601
length: 868
MovieCount: 602
Movie Name: Le beau danger
200
index: 602
length: 868
MovieCount: 603
Movie Name: Fight Back!
200
index: 603
length: 868
MovieCount: 604
Movie Name: Os Sonhos de um Sonhador: A História de Frank Aguiar
200
index: 604
length: 868
MovieCount: 605
Movie Name: La sombra azul
200
index: 605
length: 868
MovieCount: 606
Movie Name: Ironmen
```

```
index: 606
length: 868
MovieCount: 607
Movie Name: The Lobito
200
index: 607
length: 868
MovieCount: 608
Movie Name: Hit Em Hard the Story of Zaina Juliette
index: 608
length: 868
MovieCount: 609
Movie Name: L'uomo dai quattro nomi
200
index: 609
length: 868
MovieCount: 610
Movie Name: Unos pocos con valor
200
index: 610
length: 868
MovieCount: 611
Movie Name: Diaries of Letters to God
200
index: 611
length: 868
MovieCount: 612
Movie Name: Le président
200
index: 612
length: 868
MovieCount: 613
Movie Name: Cielo e sabbia
200
index: 613
length: 868
MovieCount: 614
Movie Name: Cronaca di un assurdo normale
200
index: 614
length: 868
MovieCount: 615
Movie Name: Indián
200
index: 615
length: 868
MovieCount: 616
Movie Name: Easter Sunday
200
index: 616
length: 868
MovieCount: 617
Movie Name: Sai Darshan... Ek Anubhav
200
index: 617
length: 868
MovieCount: 618
Movie Name: Sobukwe: A Great Soul
200
index: 618
length: 868
MovieCount: 619
Movie Name: God's Amazing Grace... Is Just A Prayer Away
```

```
index: 619
length: 868
MovieCount: 620
Movie Name: Il Toscanaccio
200
index: 620
length: 868
MovieCount: 621
Movie Name: Life's Work
200
index: 621
length: 868
MovieCount: 622
Movie Name: Highjacking Hip Hop
200
index: 622
length: 868
MovieCount: 623
Movie Name: Crows
200
index: 623
length: 868
MovieCount: 624
Movie Name: L'uomo doppio
200
index: 624
length: 868
MovieCount: 625
Movie Name: Krishnamurti: The Chosen One
200
index: 625
length: 868
MovieCount: 626
Movie Name: Trois contes de Borges
200
index: 626
length: 868
MovieCount: 627
Movie Name: La verdadera pelea
200
index: 627
length: 868
MovieCount: 628
Movie Name: Al Nebras
200
index: 628
length: 868
MovieCount: 629
Movie Name: Dreaming About Tulum: A Tribute to Federico Fellini
200
index: 629
length: 868
MovieCount: 630
Movie Name: Room Enough For Two: The Life of Dorothy Parker
200
index: 630
length: 868
MovieCount: 631
Movie Name: Jag älskar mitt dragspel
200
index: 631
length: 868
MovieCount: 632
Movie Name: Rubber Soul
```

index: 632 length: 868 MovieCount: 633 Movie Name: Walk With Me? 200 index: 633 length: 868 MovieCount: 634 Movie Name: Boyz Nite Out/Grrlz Nite in 200 index: 634 length: 868 MovieCount: 635 Movie Name: Mayweather Exprience Documentary 200 index: 635 length: 868 MovieCount: 636 Movie Name: Fortius 200 index: 636 length: 868 MovieCount: 637 Movie Name: Faux accords 200 index: 637 length: 868 MovieCount: 638 Movie Name: Super Couple 200 index: 638 length: 868 MovieCount: 639 Movie Name: Vse ushli 200 index: 639 length: 868 MovieCount: 640 Movie Name: Paavo a Life in Five Courses 200 index: 640 length: 868 MovieCount: 641 Movie Name: Nome de Guerra a Viagem de Junqueiro 200 index: 641 length: 868 MovieCount: 642 Movie Name: Di Yi Da Zong Tong 200 index: 642 length: 868 MovieCount: 643 Movie Name: Passionnaimants 200 index: 643 length: 868 MovieCount: 644 Movie Name: Nowhereman 200 index: 644 length: 868 MovieCount: 645 Movie Name: Louis Martin journaliste

```
index: 645
length: 868
MovieCount: 646
Movie Name: Ye Mothers
200
index: 646
length: 868
MovieCount: 647
Movie Name: Neked pörög a dob!
200
index: 647
length: 868
MovieCount: 648
Movie Name: Zealot
200
index: 648
length: 868
MovieCount: 649
Movie Name: Fully Alive
200
index: 649
length: 868
MovieCount: 650
Movie Name: Pratisaad: The Response
200
index: 650
length: 868
MovieCount: 651
Movie Name: Cinema De Bairro
200
index: 651
length: 868
MovieCount: 652
Movie Name: Amy Winehouse: Never Forgotten
200
index: 652
length: 868
MovieCount: 653
Movie Name: Sergio Donati: C'era una volta il Western
200
index: 653
length: 868
MovieCount: 654
Movie Name: Destination Forever
200
index: 654
length: 868
MovieCount: 655
Movie Name: Antonio Conselheiro: O Taumaturgo Dos Sertoes
200
index: 655
length: 868
MovieCount: 656
Movie Name: La revolución es un sueño eterno
200
index: 656
length: 868
MovieCount: 657
Movie Name: The True Story of the Wonderful Wizard of Oz
200
index: 657
length: 868
MovieCount: 658
Movie Name: Eva de la argentina
```

localhost:8888/nbconvert/html/Visha/MS details/Spring 2021/Data Foundation/Final Project/Scrape the biography Movie reviews.ipynb?download=... 54/222

```
index: 658
length: 868
MovieCount: 659
Movie Name: John Wayne Parr: Blessed with Venom
200
index: 659
length: 868
MovieCount: 660
Movie Name: The World of Hemingway
200
index: 660
length: 868
MovieCount: 661
Movie Name: JFK Remembered: 50 Years Later
200
index: 661
length: 868
MovieCount: 662
Movie Name: The Other House
200
index: 662
length: 868
MovieCount: 663
Movie Name: Dawn of a New Day
200
index: 663
length: 868
MovieCount: 664
Movie Name: Il cantico di Maddalena
200
index: 664
length: 868
MovieCount: 665
Movie Name: Pull Stop
200
index: 665
length: 868
MovieCount: 666
Movie Name: Il cacciatore del cielo
200
index: 666
length: 868
MovieCount: 667
Movie Name: The Lewis Lloyd Black Magic
200
index: 667
length: 868
MovieCount: 668
Movie Name: À la recherche d'Étienne Brûlé
200
index: 668
length: 868
MovieCount: 669
Movie Name: Cinema De Barrio
200
index: 669
length: 868
MovieCount: 670
Movie Name: Pedro Calapez: Trabalhos do Olhar
200
index: 670
length: 868
MovieCount: 671
Movie Name: Magic Train
```

localhost:8888/nbconvert/html/Visha/MS details/Spring 2021/Data Foundation/Final Project/Scrape the biography Movie reviews.ipynb?download=... 55/222

```
index: 671
length: 868
MovieCount: 672
Movie Name: Apocrypha
200
index: 672
length: 868
MovieCount: 673
Movie Name: Berlin Baroness
200
index: 673
length: 868
MovieCount: 674
Movie Name: The Gate of Departure
200
index: 674
length: 868
MovieCount: 675
Movie Name: Ana Vieira: E O Que Não É Visto
200
index: 675
length: 868
MovieCount: 676
Movie Name: Al-Fgomi
200
index: 676
length: 868
MovieCount: 677
Movie Name: Seeking the Greatest Good
200
index: 677
length: 868
MovieCount: 678
Movie Name: A Day in the Life
200
index: 678
length: 868
MovieCount: 679
Movie Name: Unauthorized Biography Beyonce: Baby and Beyond
200
index: 679
length: 868
MovieCount: 680
Movie Name: Papa Boss
200
index: 680
length: 868
MovieCount: 681
Movie Name: The Milkweed Tree of Life
200
index: 681
length: 868
MovieCount: 682
Movie Name: The Mystery of Mazo de la Roche
200
index: 682
length: 868
MovieCount: 683
Movie Name: Shqipja E Kavkazit: Imam Shamili
200
index: 683
length: 868
MovieCount: 684
Movie Name: Adrià Puntí
```

localhost:8888/nbconvert/html/Visha/MS details/Spring 2021/Data Foundation/Final Project/Scrape the biography Movie reviews.ipynb?download=... 56/222

```
index: 684
length: 868
MovieCount: 685
Movie Name: Body and Brain
200
index: 685
length: 868
MovieCount: 686
Movie Name: King of Hustlin
200
index: 686
length: 868
MovieCount: 687
Movie Name: Mikis Theodorakis - O synthetis ton poiiton kai ton oramaton 1950 eos simera
200
index: 687
length: 868
MovieCount: 688
Movie Name: Angel in June
200
index: 688
length: 868
MovieCount: 689
Movie Name: Käshbasshy zholy
200
index: 689
length: 868
MovieCount: 690
Movie Name: Mao Zedong and Qi Baishi
200
index: 690
length: 868
MovieCount: 691
Movie Name: The Impossible Becomes Possible
200
index: 691
length: 868
MovieCount: 692
Movie Name: Marinetti a New York
200
index: 692
length: 868
MovieCount: 693
Movie Name: Spiritual Warfare
200
index: 693
length: 868
MovieCount: 694
Movie Name: Röhrls Katze
200
index: 694
length: 868
MovieCount: 695
Movie Name: Friends of the Forest
200
index: 695
length: 868
MovieCount: 696
Movie Name: Kozmos
200
index: 696
length: 868
MovieCount: 697
Movie Name: O Lorca mesa mou
```

```
index: 697
length: 868
MovieCount: 698
Movie Name: Safe Zone: The Making of Safe Zone
200
index: 698
length: 868
MovieCount: 699
Movie Name: Testigo involuntario. Nicolás Redondo
200
index: 699
length: 868
MovieCount: 700
Movie Name: The Making of a Queen
200
index: 700
length: 868
MovieCount: 701
Movie Name: The Wonderful World of Bill Maynard
200
index: 701
length: 868
MovieCount: 702
Movie Name: Death to Prison Freedom to Protest
200
index: 702
length: 868
MovieCount: 703
Movie Name: Santini's Netzwerk
200
index: 703
length: 868
MovieCount: 704
Movie Name: Ahmed Gassiaux
200
index: 704
length: 868
MovieCount: 705
Movie Name: Bul
200
index: 705
length: 868
MovieCount: 706
Movie Name: Hildegard of Bingen and the Living Light
200
index: 706
length: 868
MovieCount: 707
Movie Name: Anam Cara- AZ Irish
200
index: 707
length: 868
MovieCount: 708
Movie Name: #5
200
index: 708
length: 868
MovieCount: 709
Movie Name: Naked Rose
200
index: 709
length: 868
MovieCount: 710
Movie Name: Elfelejtett ének - Makovecz monológ
```

localhost:8888/nbconvert/html/Visha/MS details/Spring 2021/Data Foundation/Final Project/Scrape the biography Movie reviews.ipynb?download=... 58/222

```
index: 710
length: 868
MovieCount: 711
Movie Name: Der Schmetterlingsjäger - 37 Karteikarten zu Nabokov
200
index: 711
length: 868
MovieCount: 712
Movie Name: Born Misfits: A Biker Movies Anthology
index: 712
length: 868
MovieCount: 713
Movie Name: Sigfrido Oliva - Monologo sull'arte
200
index: 713
length: 868
MovieCount: 714
Movie Name: Bruno's Blues
200
index: 714
length: 868
MovieCount: 715
Movie Name: Lint the Movie
200
index: 715
length: 868
MovieCount: 716
Movie Name: Parallel Lives
200
index: 716
length: 868
MovieCount: 717
Movie Name: Disappearing Landscape
200
index: 717
length: 868
MovieCount: 718
Movie Name: Shuffle & Cut (A Question for Godard)
200
index: 718
length: 868
MovieCount: 719
Movie Name: Kerrzy
200
index: 719
length: 868
MovieCount: 720
Movie Name: Il cielo in me vita irrimediabile di una poetessa
200
index: 720
length: 868
MovieCount: 721
Movie Name: Seelos: Doctor of Souls
200
index: 721
length: 868
MovieCount: 722
Movie Name: My Brother and Me
200
index: 722
length: 868
MovieCount: 723
Movie Name: Io e la mia sedia
```

localhost:8888/nbconvert/html/Visha/MS details/Spring 2021/Data Foundation/Final Project/Scrape the biography Movie reviews.ipynb?download=... 59/222

```
index: 723
length: 868
MovieCount: 724
Movie Name: Sigmund Fried Laser Light Show Rock-u-mentary
200
index: 724
length: 868
MovieCount: 725
Movie Name: Nostradamus: Budoucnost z minulosti
index: 725
length: 868
MovieCount: 726
Movie Name: Volando con Visconti
200
index: 726
length: 868
MovieCount: 727
Movie Name: El Representante de Dios
200
index: 727
length: 868
MovieCount: 728
Movie Name: Shadow
200
index: 728
length: 868
MovieCount: 729
Movie Name: Uncommon Vision: The Life and Times of John Howard Griffin
200
index: 729
length: 868
MovieCount: 730
Movie Name: Das elektrische Paradies
200
index: 730
length: 868
MovieCount: 731
Movie Name: Mondo Sacramento
200
index: 731
length: 868
MovieCount: 732
Movie Name: Majális után
200
index: 732
length: 868
MovieCount: 733
Movie Name: The White Sheets
200
index: 733
length: 868
MovieCount: 734
Movie Name: Ocaña la memoria del sol
200
index: 734
length: 868
MovieCount: 735
Movie Name: Farewell Loneliness
200
index: 735
length: 868
MovieCount: 736
Movie Name: Andrew Murray: Africa for Christ
```

localhost:8888/nbconvert/html/Visha/MS details/Spring 2021/Data Foundation/Final Project/Scrape the biography Movie reviews.ipynb?download=... 60/222

```
index: 736
length: 868
MovieCount: 737
Movie Name: Zuretzako
200
index: 737
length: 868
MovieCount: 738
Movie Name: Memories of a World War II Hero: Captain Brown's Story
index: 738
length: 868
MovieCount: 739
Movie Name: Realms
200
index: 739
length: 868
MovieCount: 740
Movie Name: Wongi Warrior
200
index: 740
length: 868
MovieCount: 741
Movie Name: Jim Marshall: Rock and Roll Legend
200
index: 741
length: 868
MovieCount: 742
Movie Name: Era Ducrot
200
index: 742
length: 868
MovieCount: 743
Movie Name: Dum Spuro Spero
200
index: 743
length: 868
MovieCount: 744
Movie Name: The Religion Is the Blues
200
index: 744
length: 868
MovieCount: 745
Movie Name: Amhi Ka Tisre
200
index: 745
length: 868
MovieCount: 746
Movie Name: The Wagner Series
200
index: 746
length: 868
MovieCount: 747
Movie Name: Simone Lecca e il cinema: dell' in-visibile
200
index: 747
length: 868
MovieCount: 748
Movie Name: Geolog. Silnee smerti
200
index: 748
length: 868
MovieCount: 749
Movie Name: Glorious Deserter
```

localhost:8888/nbconvert/html/Visha/MS details/Spring 2021/Data Foundation/Final Project/Scrape the biography Movie reviews.ipynb?download=... 61/222

```
index: 749
length: 868
MovieCount: 750
Movie Name: Joana Vasconcelos: Coração Independente
200
index: 750
length: 868
MovieCount: 751
Movie Name: Il nemico sulle ali
200
index: 751
length: 868
MovieCount: 752
Movie Name: Sista's of R&B Hip Hop Soul Vol. 3
200
index: 752
length: 868
MovieCount: 753
Movie Name: Tyghyrygtan zhol tapgan
200
index: 753
length: 868
MovieCount: 754
Movie Name: The Sun Will Rise
200
index: 754
length: 868
MovieCount: 755
Movie Name: Made in Australia
200
index: 755
length: 868
MovieCount: 756
Movie Name: Making of Legend Remixed
200
index: 756
length: 868
MovieCount: 757
Movie Name: La seconda natura
200
index: 757
length: 868
MovieCount: 758
Movie Name: Lentejuelas de sangre
200
index: 758
length: 868
MovieCount: 759
Movie Name: Rhoda Scott: Music Is Like Breathing
200
index: 759
length: 868
MovieCount: 760
Movie Name: ¡Paz a las chozas! ¡Guerra a los palacios!
200
index: 760
length: 868
MovieCount: 761
Movie Name: Pietro Rossini
200
index: 761
length: 868
MovieCount: 762
Movie Name: El Rey del Rocanrol
```

localhost:8888/nbconvert/html/Visha/MS details/Spring 2021/Data Foundation/Final Project/Scrape the biography Movie reviews.ipynb?download=... 62/222

```
index: 762
length: 868
MovieCount: 763
Movie Name: Delmorian Poesy
200
index: 763
length: 868
MovieCount: 764
Movie Name: The Tango Singer
200
index: 764
length: 868
MovieCount: 765
Movie Name: Munku no sakebi
200
index: 765
length: 868
MovieCount: 766
Movie Name: Ergastolo
200
index: 766
length: 868
MovieCount: 767
Movie Name: Bamse og Vennerne: 40 år med Bamses Venner
200
index: 767
length: 868
MovieCount: 768
Movie Name: El Efecto Francisco
200
index: 768
length: 868
MovieCount: 769
Movie Name: Gruppo Labronico
200
index: 769
length: 868
MovieCount: 770
Movie Name: CME: That's Why We Bring Dogs
200
index: 770
length: 868
MovieCount: 771
Movie Name: My Girlhood
200
index: 771
length: 868
MovieCount: 772
Movie Name: La Música de Puerto Rico: Raices y Evolución
200
index: 772
length: 868
MovieCount: 773
Movie Name: Mr. Chris and His Devil
200
index: 773
length: 868
MovieCount: 774
Movie Name: El Tío
200
index: 774
length: 868
MovieCount: 775
Movie Name: The Farewell Wake
```

```
index: 775
length: 868
MovieCount: 776
Movie Name: Recreation
200
index: 776
length: 868
MovieCount: 777
Movie Name: Brava Victòria!
200
index: 777
length: 868
MovieCount: 778
Movie Name: Maria Lucília Moita: Imenso Mundo de Dentro
200
index: 778
length: 868
MovieCount: 779
Movie Name: Journey to Kaust
200
index: 779
length: 868
MovieCount: 780
Movie Name: Seven Streets Two Markets and a Wedding
200
index: 780
length: 868
MovieCount: 781
Movie Name: Berlioz: The Symphonie Fantastique Then and Now
200
index: 781
length: 868
MovieCount: 782
Movie Name: Lucia Venise
200
index: 782
length: 868
MovieCount: 783
Movie Name: Il vento fra le mura
200
index: 783
length: 868
MovieCount: 784
Movie Name: Arrivederci Macau
200
index: 784
length: 868
MovieCount: 785
Movie Name: Wise Women of Sedona
200
index: 785
length: 868
MovieCount: 786
Movie Name: Anna Teresa e le resistenti
200
index: 786
length: 868
MovieCount: 787
Movie Name: Uno scrittore al fronte
200
index: 787
length: 868
MovieCount: 788
Movie Name: The Tower of Immortality
```

localhost:8888/nbconvert/html/Visha/MS details/Spring 2021/Data Foundation/Final Project/Scrape the biography Movie reviews.ipynb?download=... 64/222

```
index: 788
length: 868
MovieCount: 789
Movie Name: I Was Saddam's Son
200
index: 789
length: 868
MovieCount: 790
Movie Name: Lady Gaga: On the Edge
200
index: 790
length: 868
MovieCount: 791
Movie Name: La Statue de la Liberté naissance d'un symbole
200
index: 791
length: 868
MovieCount: 792
Movie Name: Ya dumal: ya - Adam... ili Dolgaya doroga v Gogezhu
200
index: 792
length: 868
MovieCount: 793
Movie Name: The Private Life of Marilyn Monroe
200
index: 793
length: 868
MovieCount: 794
Movie Name: Kennedy/Reagan
200
index: 794
length: 868
MovieCount: 795
Movie Name: Elena
200
index: 795
length: 868
MovieCount: 796
Movie Name: Jan Plestenjak: Priznam
200
index: 796
length: 868
MovieCount: 797
Movie Name: All About Ava
200
index: 797
length: 868
MovieCount: 798
Movie Name: Guido Ceronetti. Il Filosofo Ignoto
200
index: 798
length: 868
MovieCount: 799
Movie Name: The World According to Sly
200
index: 799
length: 868
MovieCount: 800
Movie Name: Thomas vive
200
index: 800
length: 868
MovieCount: 801
Movie Name: Errol Morris: A Lightning Sketch
```

localhost:8888/nbconvert/html/Visha/MS details/Spring 2021/Data Foundation/Final Project/Scrape the biography Movie reviews.ipynb?download=... 65/222

```
index: 801
length: 868
MovieCount: 802
Movie Name: Ippen shônin
200
index: 802
length: 868
MovieCount: 803
Movie Name: The New Wave of R&B
200
index: 803
length: 868
MovieCount: 804
Movie Name: Mtm 548
200
index: 804
length: 868
MovieCount: 805
Movie Name: L'aviatore
200
index: 805
length: 868
MovieCount: 806
Movie Name: Mossos d'Esquadra.cat
200
index: 806
length: 868
MovieCount: 807
Movie Name: Chav
200
index: 807
length: 868
MovieCount: 808
Movie Name: Sopralluoghi per un film su un poliziotto ucciso
200
index: 808
length: 868
MovieCount: 809
Movie Name: Una flama al cor
200
index: 809
length: 868
MovieCount: 810
Movie Name: Ghe Jhep Pakhara Re
200
index: 810
length: 868
MovieCount: 811
Movie Name: Flowing Letters from My Successive Lives
200
index: 811
length: 868
MovieCount: 812
Movie Name: 1-9
200
index: 812
length: 868
MovieCount: 813
Movie Name: Tempo Vivo Tempo Morto
200
index: 813
length: 868
MovieCount: 814
Movie Name: Maataf kabeer alhajm
```

localhost:8888/nbconvert/html/Visha/MS details/Spring 2021/Data Foundation/Final Project/Scrape the biography Movie reviews.ipynb?download=... 66/222

```
index: 814
length: 868
MovieCount: 815
Movie Name: The Autobiography of Jesus in America
200
index: 815
length: 868
MovieCount: 816
Movie Name: Sista's of R&B Hip Hop Soul
200
index: 816
length: 868
MovieCount: 817
Movie Name: Tornando a casa
200
index: 817
length: 868
MovieCount: 818
Movie Name: The Passion of Miss Augusta
200
index: 818
length: 868
MovieCount: 819
Movie Name: Eugene's Ghosts
200
index: 819
length: 868
MovieCount: 820
Movie Name: NICK: Biography of a Determined Man
200
index: 820
length: 868
MovieCount: 821
Movie Name: Una lunga vacanza
200
index: 821
length: 868
MovieCount: 822
Movie Name: Cheating the Stillness: The World of Julia Peterkin
200
index: 822
length: 868
MovieCount: 823
Movie Name: The Last Pimp - Bert Wollersheim - Die wahre Geschichte
200
index: 823
length: 868
MovieCount: 824
Movie Name: Ángel Hurtado: Artesano Visual
200
index: 824
length: 868
MovieCount: 825
Movie Name: Jane's Love Nest
200
index: 825
length: 868
MovieCount: 826
Movie Name: Voilà comment on va faire the Aldo Crommelynck story
200
index: 826
length: 868
MovieCount: 827
Movie Name: Kariya Kanbitta
```

localhost:8888/nbconvert/html/Visha/MS details/Spring 2021/Data Foundation/Final Project/Scrape the biography Movie reviews.ipynb?download=... 67/222

```
index: 827
length: 868
MovieCount: 828
Movie Name: John Law - Der Mann der Papier zu Geld machte
200
index: 828
length: 868
MovieCount: 829
Movie Name: The Rockford Blondes
200
index: 829
length: 868
MovieCount: 830
Movie Name: German ultimas viñetas
200
index: 830
length: 868
MovieCount: 831
Movie Name: Le ali del destino una storia lucana
200
index: 831
length: 868
MovieCount: 832
Movie Name: The Autobiography of Mark Twain
200
index: 832
length: 868
MovieCount: 833
Movie Name: Mauro Di Domenico: I riflessi dell'anima sonora
200
index: 833
length: 868
MovieCount: 834
Movie Name: Suicidal Monsters
200
index: 834
length: 868
MovieCount: 835
Movie Name: Alone and Distracted
200
index: 835
length: 868
MovieCount: 836
Movie Name: Only a Free Individual Can Create a Free Society
200
index: 836
length: 868
MovieCount: 837
Movie Name: Futures Past
200
index: 837
length: 868
MovieCount: 838
Movie Name: The Gospel According to Matthew
200
index: 838
length: 868
MovieCount: 839
Movie Name: Tesla's Engine
200
index: 839
length: 868
MovieCount: 840
Movie Name: Just Like Yesterday: Tony Christie
```

localhost:8888/nbconvert/html/Visha/MS details/Spring 2021/Data Foundation/Final Project/Scrape the biography Movie reviews.ipynb?download=... 68/222

```
index: 840
length: 868
MovieCount: 841
Movie Name: Finding Xanadu: The Life and Films of Samuel W. Truss
200
index: 841
length: 868
MovieCount: 842
Movie Name: Call Me Iggy
200
index: 842
length: 868
MovieCount: 843
Movie Name: Dai pulcini di Quarantotti alle comete di Visconti
200
index: 843
length: 868
MovieCount: 844
Movie Name: Mahasharana Haralayya
200
index: 844
length: 868
MovieCount: 845
Movie Name: Ne khochu umirat
200
index: 845
length: 868
MovieCount: 846
Movie Name: Little Raptures for the Uncommitted
200
index: 846
length: 868
MovieCount: 847
Movie Name: Headless in the city
200
index: 847
length: 868
MovieCount: 848
Movie Name: Angry Tears My Story
200
index: 848
length: 868
MovieCount: 849
Movie Name: A propósito de Rodríguez
200
index: 849
length: 868
MovieCount: 850
Movie Name: Nesr El Bareya
200
index: 850
length: 868
MovieCount: 851
Movie Name: La Vila i la mar
200
index: 851
length: 868
MovieCount: 852
Movie Name: Jive with Deepti
200
index: 852
length: 868
MovieCount: 853
Movie Name: The View from Our House
```

localhost:8888/nbconvert/html/Visha/MS details/Spring 2021/Data Foundation/Final Project/Scrape the biography Movie reviews.ipynb?download=... 69/222

```
index: 853
length: 868
MovieCount: 854
Movie Name: Ton van de Ven
200
index: 854
length: 868
MovieCount: 855
Movie Name: Repromotion - Jan de Cock
200
index: 855
length: 868
MovieCount: 856
Movie Name: Nick West Comedy - Still Dreamin
200
index: 856
length: 868
MovieCount: 857
Movie Name: Phantom of the Ghetto
200
index: 857
length: 868
MovieCount: 858
Movie Name: Gallix
200
index: 858
length: 868
MovieCount: 859
Movie Name: Mario Sesti: Prospettive filosofiche nella critica cinematografica
200
index: 859
length: 868
MovieCount: 860
Movie Name: Arild Kristos's verden
200
index: 860
length: 868
MovieCount: 861
Movie Name: To nisem jaz
200
index: 861
length: 868
MovieCount: 862
Movie Name: The Lights
200
index: 862
length: 868
MovieCount: 863
Movie Name: Ewa Rudling
200
index: 863
length: 868
MovieCount: 864
Movie Name: Louis Schweitzer patron et de gauche
200
index: 864
length: 868
MovieCount: 865
Movie Name: From Your Life
200
index: 865
length: 868
MovieCount: 866
Movie Name: Una vida un país. Alberto Arvelo Ramos
```

index: 866 length: 868 MovieCount: 867 Movie Name: Go Vegan Muthafucka: The Movie 200 index: 867 length: 868 MovieCount: 868 Movie Name: Shiseido: Ibuki Scrape 2015-2017 movies review index: 0 length: 746 MovieCount: 1 Movie Name: The Greatest Showman index: 1 length: 746 MovieCount: 2 Movie Name: Everest 200 index: 2 length: 746 MovieCount: 3 Movie Name: Hacksaw Ridge 200 index: 3 length: 746 MovieCount: 4 Movie Name: Papillon 200 index: 4 length: 746 MovieCount: 5 Movie Name: The Big Short 200 index: 5 length: 746 MovieCount: 6 Movie Name: Molly's Game 200 index: 6 length: 746 MovieCount: 7 Movie Name: Spotlight 200 index: 7 length: 746 MovieCount: 8 Movie Name: I Tonya 200 index: 8 length: 746 MovieCount: 9 Movie Name: Hidden Figures 200 index: 9 length: 746 MovieCount: 10 Movie Name: Straight Outta Compton 200 index: 10 length: 746 MovieCount: 11

Movie Name: The Disaster Artist

200 index: 11 length: 746 MovieCount: 12 Movie Name: War Dogs 200 index: 12 length: 746 MovieCount: 13 Movie Name: The Founder 200 index: 13 length: 746 MovieCount: 14 Movie Name: True Story 200 index: 14 length: 746 MovieCount: 15 Movie Name: Legend 200 index: 15 length: 746 MovieCount: 16 Movie Name: Steve Jobs 200 index: 16 length: 746 MovieCount: 17 Movie Name: Darkest Hour 200 index: 17 length: 746 MovieCount: 18 Movie Name: The Danish Girl 200 index: 18 length: 746 MovieCount: 19 Movie Name: Lion 200 index: 19 length: 746 MovieCount: 20 Movie Name: In the Heart of the Sea 200 index: 20 length: 746 MovieCount: 21 Movie Name: The Lost City of Z 200 index: 21 length: 746 MovieCount: 22 Movie Name: Dangal 200 index: 22 length: 746 MovieCount: 23 Movie Name: All the Money in the World 200 index: 23 length: 746 MovieCount: 24

200 index: 24 length: 746 MovieCount: 25 Movie Name: Colonia 200 index: 25 length: 746 MovieCount: 26 Movie Name: Black Mass 200 index: 26 length: 746 MovieCount: 27 Movie Name: Only the Brave 200 index: 27 length: 746 MovieCount: 28 Movie Name: Queen of Katwe 200 index: 28 length: 746 MovieCount: 29 Movie Name: Snowden 200 index: 29 length: 746 MovieCount: 30 Movie Name: The Infiltrator 200 index: 30 length: 746 MovieCount: 31 Movie Name: The Zookeeper's Wife 200 index: 31 length: 746 MovieCount: 32 Movie Name: Sully 200 index: 32 length: 746 MovieCount: 33 Movie Name: The Current War 200 index: 33 length: 746 MovieCount: 34 Movie Name: Joy 200 index: 34 length: 746 MovieCount: 35 Movie Name: Miracles from Heaven 200 index: 35 length: 746 MovieCount: 36 Movie Name: The Walk 200 index: 36 length: 746

MovieCount: 37

Movie Name: Loving Vincent

200 index: 37 length: 746 MovieCount: 38 Movie Name: The Stanford Prison Experiment 200 index: 38 length: 746 MovieCount: 39 Movie Name: The Glass Castle 200 index: 39 length: 746 MovieCount: 40 Movie Name: Free State of Jones 200 index: 40 length: 746 MovieCount: 41 Movie Name: Professor Marston & the Wonder Women 200 index: 41 length: 746 MovieCount: 42 Movie Name: Trumbo 200 index: 42 length: 746 MovieCount: 43 Movie Name: Battle of the Sexes index: 43 length: 746 MovieCount: 44 Movie Name: Brain on Fire 200 index: 44 length: 746 MovieCount: 45 Movie Name: Florence Foster Jenkins 200 index: 45 length: 746 MovieCount: 46 Movie Name: Masterminds 200 index: 46 length: 746 MovieCount: 47 Movie Name: Woman in Gold 200 index: 47 length: 746 MovieCount: 48 Movie Name: My Friend Dahmer 200 index: 48 length: 746 MovieCount: 49 Movie Name: Concussion 200 index: 49 length: 746 MovieCount: 50

Movie Name: Anthropoid

200 index: 50 length: 746 MovieCount: 51 Movie Name: Breathe 200 index: 51 length: 746 MovieCount: 52 Movie Name: Jackie 200 index: 52 length: 746 MovieCount: 53 Movie Name: I Saw the Light 200 index: 53 length: 746 MovieCount: 54 Movie Name: The Man with the Iron Heart 200 index: 54 length: 746 MovieCount: 55 Movie Name: All Eyez on Me 200 index: 55 length: 746 MovieCount: 56 Movie Name: Same Kind of Different as Me index: 56 length: 746 MovieCount: 57 Movie Name: Stronger 200 index: 57 length: 746 MovieCount: 58 Movie Name: Goodbye Christopher Robin 200 index: 58 length: 746 MovieCount: 59 Movie Name: Eddie the Eagle 200 index: 59 length: 746 MovieCount: 60 Movie Name: Megan Leavey 200 index: 60 length: 746 MovieCount: 61 Movie Name: A Walk in the Woods 200 index: 61 length: 746 MovieCount: 62 Movie Name: Whiskey Tango Foxtrot 200 index: 62 length: 746 MovieCount: 63

Movie Name: A Street Cat Named Bob

200 index: 63 length: 746 MovieCount: 64 Movie Name: Marshall 200 index: 64 length: 746 MovieCount: 65 Movie Name: First They Killed My Father 200 index: 65 length: 746 MovieCount: 66 Movie Name: Imperium 200 index: 66 length: 746 MovieCount: 67 Movie Name: Mary Shelley 200 index: 67 length: 746 MovieCount: 68 Movie Name: A United Kingdom 200 index: 68 length: 746 MovieCount: 69 Movie Name: McFarland USA index: 69 length: 746 MovieCount: 70 Movie Name: Loving 200 index: 70 length: 746 MovieCount: 71 Movie Name: The Man Who Knew Infinity 200 index: 71 length: 746 MovieCount: 72 Movie Name: A Prayer Before Dawn 200 index: 72 length: 746 MovieCount: 73 Movie Name: Christine 200 index: 73 length: 746 MovieCount: 74 Movie Name: Victoria & Abdul 200 index: 74 length: 746 MovieCount: 75 Movie Name: Queen of the Desert 200 index: 75 length: 746 MovieCount: 76

Movie Name: The 33

200 index: 76 length: 746 MovieCount: 77 Movie Name: Maudie

200 index: 77 length: 746 MovieCount: 78

Movie Name: Hands of Stone

200

index: 78 length: 746 MovieCount: 79 Movie Name: Greater

200 index: 79 length: 746 MovieCount: 80

Movie Name: Holding the Man

200

index: 80 length: 746 MovieCount: 81

Movie Name: The Mercy

200

index: 81 length: 746 MovieCount: 82

Movie Name: The Program

200

index: 82 length: 746 MovieCount: 83 Movie Name: Ip Man 3

200 index: 83 length: 746 MovieCount: 84 Movie Name: Genius

200 index: 84 length: 746 MovieCount: 85

Movie Name: Chappaquiddick

200

index: 85 length: 746 MovieCount: 86

Movie Name: Bleed for This

200

index: 86 length: 746 MovieCount: 87

Movie Name: Loving Pablo

200

index: 87 length: 746 MovieCount: 88 Movie Name: Race

200

index: 88 length: 746 MovieCount: 89

Movie Name: The Lady in the Van

```
200
index: 89
length: 746
MovieCount: 90
Movie Name: Thank You for Your Service
200
index: 90
length: 746
MovieCount: 91
Movie Name: Embrace of the Serpent
200
index: 91
length: 746
MovieCount: 92
Movie Name: Ayla: The Daughter of War
index: 92
length: 746
MovieCount: 93
Movie Name: The End of the Tour
200
index: 93
length: 746
MovieCount: 94
Movie Name: Shock and Awe
200
index: 94
length: 746
MovieCount: 95
Movie Name: Army of One
200
index: 95
length: 746
MovieCount: 96
Movie Name: Churchill
200
index: 96
length: 746
MovieCount: 97
Movie Name: The Birth of a Nation
200
index: 97
length: 746
MovieCount: 98
Movie Name: Birth of the Dragon
200
index: 98
length: 746
MovieCount: 99
Movie Name: Mark Felt: The Man Who Brought Down the White House
200
index: 99
length: 746
MovieCount: 100
Movie Name: Borg vs. McEnroe
200
index: 100
length: 746
MovieCount: 101
Movie Name: Woman Walks Ahead
200
index: 101
length: 746
MovieCount: 102
```

Movie Name: The African Doctor

200 index: 102 length: 746 MovieCount: 103 Movie Name: Denial 200 index: 103 length: 746 MovieCount: 104 Movie Name: The Case for Christ 200 index: 104 length: 746 MovieCount: 105 Movie Name: A Bag of Marbles 200 index: 105 length: 746 MovieCount: 106 Movie Name: Life 200 index: 106 length: 746 MovieCount: 107 Movie Name: Barry 200 index: 107 length: 746 MovieCount: 108 Movie Name: The Most Hated Woman in America index: 108 length: 746 MovieCount: 109 Movie Name: Truth 200 index: 109 length: 746 MovieCount: 110 Movie Name: LBJ 200 index: 110 length: 746 MovieCount: 111 Movie Name: I'm Not Ashamed 200 index: 111 length: 746 MovieCount: 112 Movie Name: Rebel in the Rye 200 index: 112 length: 746 MovieCount: 113 Movie Name: Crown Heights 200 index: 113 length: 746 MovieCount: 114 Movie Name: Bitva za Sevastopol 200 index: 114 length: 746 MovieCount: 115

Movie Name: Chuck

200 index: 115 length: 746 MovieCount: 116 Movie Name: Danny Collins 200 index: 116 length: 746 MovieCount: 117 Movie Name: Mohammad Rasoolollah 200 index: 117 length: 746 MovieCount: 118 Movie Name: Main Aur Charles 200 index: 118 length: 746 MovieCount: 119 Movie Name: The Pirates of Somalia 200 index: 119 length: 746 MovieCount: 120 Movie Name: The Young Karl Marx 200 index: 120 length: 746 MovieCount: 121 Movie Name: Full Out 200 index: 121 length: 746 MovieCount: 122 Movie Name: The Last Princess 200 index: 122 length: 746 MovieCount: 123 Movie Name: A Quiet Passion 200 index: 123 length: 746 MovieCount: 124 Movie Name: Riphagen 200 index: 124 length: 746 MovieCount: 125 Movie Name: The King's Choice 200 index: 125 length: 746 MovieCount: 126 Movie Name: The Polka King 200 index: 126 length: 746 MovieCount: 127 Movie Name: I Am Michael 200 index: 127 length: 746 MovieCount: 128

Movie Name: Endless Poetry

200 index: 128 length: 746 MovieCount: 129 Movie Name: Spare Parts 200 index: 129 length: 746 MovieCount: 130 Movie Name: Another Mother's Son 200 index: 130 length: 746 MovieCount: 131 Movie Name: A Tale of Love and Darkness index: 131 length: 746 MovieCount: 132 Movie Name: 55 Steps 200 index: 132 length: 746 MovieCount: 133 Movie Name: Film Stars Don't Die in Liverpool 200 index: 133 length: 746 MovieCount: 134 Movie Name: My All-American 200 index: 134 length: 746 MovieCount: 135 Movie Name: Abzurdah 200 index: 135 length: 746 MovieCount: 136 Movie Name: The Girl King 200 index: 136 length: 746 MovieCount: 137 Movie Name: Miles Ahead 200 index: 137 length: 746 MovieCount: 138 Movie Name: Freeheld 200 index: 138 length: 746 MovieCount: 139 Movie Name: Viceroy's House 200 index: 139 length: 746 MovieCount: 140 Movie Name: Woodlawn 200 index: 140 length: 746 MovieCount: 141

Movie Name: Godard Mon Amour

```
200
index: 141
length: 746
MovieCount: 142
Movie Name: Down by Love
200
index: 142
length: 746
MovieCount: 143
Movie Name: Screwed
200
index: 143
length: 746
MovieCount: 144
Movie Name: The Admiral
200
index: 144
length: 746
MovieCount: 145
Movie Name: Experimenter
200
index: 145
length: 746
MovieCount: 146
Movie Name: Fathom Premieres 6 Below: Miracle on the Mountain
200
index: 146
length: 746
MovieCount: 147
Movie Name: Pele: Birth of a Legend
200
index: 147
length: 746
MovieCount: 148
Movie Name: Roxanne Roxanne
200
index: 148
length: 746
MovieCount: 149
Movie Name: Neerja
200
index: 149
length: 746
MovieCount: 150
Movie Name: Eksi Elmalar
200
index: 150
length: 746
MovieCount: 151
Movie Name: Captive
200
index: 151
length: 746
MovieCount: 152
Movie Name: 100 Meters
200
index: 152
length: 746
MovieCount: 153
Movie Name: Walt Before Mickey
200
index: 153
length: 746
MovieCount: 154
Movie Name: The Art of Loving: Story of Michalina Wislocka
```

200 index: 154 length: 746 MovieCount: 155 Movie Name: Smoke & Mirrors 200 index: 155 length: 746 MovieCount: 156 Movie Name: Chocolat 200 index: 156 length: 746 MovieCount: 157 Movie Name: The Man Who Invented Christmas index: 157 length: 746 MovieCount: 158 Movie Name: El faro de las orcas 200 index: 158 length: 746 MovieCount: 159 Movie Name: Born to Be Blue 200 index: 159 length: 746 MovieCount: 160 Movie Name: The Dancer 200 index: 160 length: 746 MovieCount: 161 Movie Name: The Whiskey Bandit 200 index: 161 length: 746 MovieCount: 162 Movie Name: Promise at Dawn 200 index: 162 length: 746 MovieCount: 163 Movie Name: Kiss and Cry 200 index: 163 length: 746 MovieCount: 164 Movie Name: Final Portrait 200 index: 164 length: 746 MovieCount: 165 Movie Name: Chasing the Dragon 200 index: 165 length: 746 MovieCount: 166 Movie Name: M.S. Dhoni: The Untold Story 200 index: 166 length: 746 MovieCount: 167

Movie Name: Marie Curie: The Courage of Knowledge

200 index: 167 length: 746 MovieCount: 168 Movie Name: The Invisibles 200 index: 168 length: 746 MovieCount: 169 Movie Name: Omerta 200 index: 169 length: 746 MovieCount: 170 Movie Name: The Bronx Bull 200 index: 170 length: 746 MovieCount: 171 Movie Name: Nina 200 index: 171 length: 746 MovieCount: 172 Movie Name: Papa Hemingway in Cuba 200 index: 172 length: 746 MovieCount: 173 Movie Name: Neruda 200 index: 173 length: 746 MovieCount: 174 Movie Name: Rise of the Footsoldier Part II 200 index: 174 length: 746 MovieCount: 175 Movie Name: The Clan 200 index: 175 length: 746 MovieCount: 176 Movie Name: L'odyssée 200 index: 176 length: 746 MovieCount: 177 Movie Name: The Idol 200 index: 177 length: 746 MovieCount: 178 Movie Name: 13 Minutes 200 index: 178 length: 746 MovieCount: 179 Movie Name: The People Vs. Fritz Bauer 200 index: 179 length: 746 MovieCount: 180

Movie Name: Aligarh

200 index: 180 length: 746 MovieCount: 181

Movie Name: England Is Mine

200

index: 181 length: 746 MovieCount: 182

Movie Name: The Journey

200

index: 182 length: 746 MovieCount: 183

Movie Name: Sommeren '92

200

index: 183 length: 746 MovieCount: 184 Movie Name: Milada

200

index: 184 length: 746 MovieCount: 185

Movie Name: Southside with You

200

index: 185 length: 746 MovieCount: 186

Movie Name: Tom of Finland

200

index: 186 length: 746 MovieCount: 187

Movie Name: Any Body Can Dance 2

200

index: 187 length: 746 MovieCount: 188 Movie Name: Django

200

index: 188 length: 746 MovieCount: 189

Movie Name: On Wings of Eagles

200

index: 189 length: 746 MovieCount: 190

Movie Name: Lída Baarová

200

index: 190 length: 746 MovieCount: 191

Movie Name: Cézanne et moi

200

index: 191 length: 746 MovieCount: 192

Movie Name: Eisenstein in Guanajuato

200

index: 192 length: 746 MovieCount: 193 Movie Name: Mathilde

```
200
index: 193
length: 746
MovieCount: 194
Movie Name: In Search of Fellini
200
index: 194
length: 746
MovieCount: 195
Movie Name: The Miranda Murders: Lost Tapes of Leonard Lake and Charles Ng
200
index: 195
length: 746
MovieCount: 196
Movie Name: The Music of Silence
200
index: 196
length: 746
MovieCount: 197
Movie Name: Gauguin: Voyage to Tahiti
200
index: 197
length: 746
MovieCount: 198
Movie Name: Mad to Be Normal
200
index: 198
length: 746
MovieCount: 199
Movie Name: Tommy's Honour
200
index: 199
length: 746
MovieCount: 200
Movie Name: Mein Blind Date mit dem Leben
200
index: 200
length: 746
MovieCount: 201
Movie Name: I Olga Hepnarova
200
index: 201
length: 746
MovieCount: 202
Movie Name: In Her Name
200
index: 202
length: 746
MovieCount: 203
Movie Name: Finding Altamira
200
index: 203
length: 746
MovieCount: 204
Movie Name: Manjhi: The Mountain Man
200
index: 204
length: 746
MovieCount: 205
Movie Name: The Price of Desire
200
index: 205
length: 746
MovieCount: 206
```

Movie Name: A Sunday Horse

```
200
index: 206
length: 746
MovieCount: 207
Movie Name: The Legend of Ben Hall
200
index: 207
length: 746
MovieCount: 208
Movie Name: Nelly
200
index: 208
length: 746
MovieCount: 209
Movie Name: Nico 1988
200
index: 209
length: 746
MovieCount: 210
Movie Name: The von Trapp Family: A Life of Music
200
index: 210
length: 746
MovieCount: 211
Movie Name: My Name Is Lenny
200
index: 211
length: 746
MovieCount: 212
Movie Name: Himalaya
200
index: 212
length: 746
MovieCount: 213
Movie Name: Dare to Be Wild
200
index: 213
length: 746
MovieCount: 214
Movie Name: Daddy
200
index: 214
length: 746
MovieCount: 215
Movie Name: Afterimage
200
index: 215
length: 746
MovieCount: 216
Movie Name: Haseena
200
index: 216
length: 746
MovieCount: 217
Movie Name: Harry Styles: Behind the Album
200
index: 217
length: 746
MovieCount: 218
Movie Name: Bicemo prvaci sveta
200
index: 218
length: 746
MovieCount: 219
```

localhost:8888/nbconvert/html/Visha/MS details/Spring 2021/Data Foundation/Final Project/Scrape the biography Movie reviews.ipynb?download=... 87/222

Movie Name: Interlude in Prague

200 index: 219 length: 746 MovieCount: 220 Movie Name: Eadweard 200 index: 220 length: 746 MovieCount: 221 Movie Name: Song Of Granite 200 index: 221 length: 746 MovieCount: 222 Movie Name: Starfish 200 index: 222 length: 746 MovieCount: 223 Movie Name: The Last Family 200 index: 223 length: 746 MovieCount: 224 Movie Name: The Death of Louis XIV 200 index: 224 length: 746 MovieCount: 225 Movie Name: Dalida 200 index: 225 length: 746 MovieCount: 226 Movie Name: Ennu Ninte Moideen 200 index: 226 length: 746 MovieCount: 227 Movie Name: Endgame 200 index: 227 length: 746 MovieCount: 228 Movie Name: Rudy Habibie: Habibie & Ainun 2 200 index: 228 length: 746 MovieCount: 229 Movie Name: Sugihara Chiune 200 index: 229 length: 746 MovieCount: 230 Movie Name: L'outsider 200 index: 230 length: 746 MovieCount: 231 Movie Name: Kalushi: The Story of Solomon Mahlangu 200 index: 231 length: 746

MovieCount: 232

Movie Name: The Fencer

```
200
index: 232
length: 746
MovieCount: 233
Movie Name: Fotograf
200
index: 233
length: 746
MovieCount: 234
Movie Name: Lambo
200
index: 234
length: 746
MovieCount: 235
Movie Name: Sarbjit
200
index: 235
length: 746
MovieCount: 236
Movie Name: Paula
200
index: 236
length: 746
MovieCount: 237
Movie Name: Michelangelo - Infinito
200
index: 237
length: 746
MovieCount: 238
Movie Name: Jacobinte Swargarajyam
200
index: 238
length: 746
MovieCount: 239
Movie Name: Veerappan
200
index: 239
length: 746
MovieCount: 240
Movie Name: Scarred Hearts
200
index: 240
length: 746
MovieCount: 241
Movie Name: Kartini: Princess of Java
200
index: 241
length: 746
MovieCount: 242
Movie Name: Stefan Zweig: Farewell to Europe
200
index: 242
length: 746
MovieCount: 243
Movie Name: Don't Tell
200
index: 243
length: 746
MovieCount: 244
Movie Name: The Happiest Day in the Life of Olli Maki
200
index: 244
length: 746
MovieCount: 245
```

Movie Name: Rodin

200 index: 245 length: 746 MovieCount: 246 Movie Name: Om Namo Venkatesaya 200 index: 246 length: 746 MovieCount: 247 Movie Name: Miss Hokusai 200 index: 247 length: 746 MovieCount: 248 Movie Name: Escape from Stalin's Death Camp index: 248 length: 746 MovieCount: 249 Movie Name: Lane 1974 200 index: 249 length: 746 MovieCount: 250 Movie Name: Bingo: The King of the Mornings 200 index: 250 length: 746 MovieCount: 251 Movie Name: The Meanest Man in Texas index: 251 length: 746 MovieCount: 252 Movie Name: Addiction: A 60's Love Story 200 index: 252 length: 746 MovieCount: 253 Movie Name: Kazantzakis 200 index: 253 length: 746 MovieCount: 254 Movie Name: Najlepszy 200 index: 254 length: 746 MovieCount: 255 Movie Name: A Real Vermeer 200 index: 255 length: 746 MovieCount: 256 Movie Name: Poorna 200 index: 256 length: 746 MovieCount: 257 Movie Name: Kid Kulafu 200 index: 257 length: 746 MovieCount: 258

Movie Name: Lou Andreas-Salomé The Audacity to be Free

200 index: 258 length: 746 MovieCount: 259 Movie Name: Vico C: La vida del filosofo 200 index: 259 length: 746 MovieCount: 260 Movie Name: Memoria 200 index: 260 length: 746 MovieCount: 261 Movie Name: Gabriel e a Montanha 200 index: 261 length: 746 MovieCount: 262 Movie Name: Memoir of War 200 index: 262 length: 746 MovieCount: 263 Movie Name: Egon Schiele: Tod und Mädchen 200 index: 263 length: 746 MovieCount: 264 Movie Name: November Tenth 200 index: 264 length: 746 MovieCount: 265 Movie Name: Te Ata 200 index: 265 length: 746 MovieCount: 266 Movie Name: 8 Seconds 200 index: 266 length: 746 MovieCount: 267 Movie Name: Da Tang Xuan Zang 200 index: 267 length: 746 MovieCount: 268 Movie Name: La fille de Brest 200 index: 268 length: 746 MovieCount: 269 Movie Name: Villa itinerario de una pasión 200 index: 269 length: 746 MovieCount: 270 Movie Name: A Chance in the World 200 index: 270 length: 746 MovieCount: 271

Movie Name: Hawaizaada

200 index: 271 length: 746 MovieCount: 272 Movie Name: Defenders 200 index: 272 length: 746 MovieCount: 273 Movie Name: Melanijas hronika 200 index: 273 length: 746 MovieCount: 274 Movie Name: Reis 200 index: 274 length: 746 MovieCount: 275 Movie Name: Anarchist from Colony 200 index: 275 length: 746 MovieCount: 276 Movie Name: Antonia. 200 index: 276 length: 746 MovieCount: 277 Movie Name: Azhar 200 index: 277 length: 746 MovieCount: 278 Movie Name: In a Madman's World 200 index: 278 length: 746 MovieCount: 279 Movie Name: Barbara 200 index: 279 length: 746 MovieCount: 280 Movie Name: Atçali Kel Mehmet 200 index: 280 length: 746 MovieCount: 281 Movie Name: Americons 200 index: 281 length: 746 MovieCount: 282 Movie Name: Budhia Singh: Born to Run 200 index: 282 length: 746 MovieCount: 283 Movie Name: Nise: The Heart of Madness 200

index: 283 length: 746 MovieCount: 284 Movie Name: Quest: The Truth Always Rises

200 index: 284 length: 746 MovieCount: 285

Movie Name: My Many Sons

200

index: 285 length: 746 MovieCount: 286

Movie Name: Hombre de fe

200

index: 286 length: 746 MovieCount: 287

Movie Name: Bloed Zweet & Tranen

200

index: 287 length: 746 MovieCount: 288

Movie Name: Durant's Never Closes

200

index: 288 length: 746 MovieCount: 289

Movie Name: King Candy

200

index: 289 length: 746 MovieCount: 290

Movie Name: Property of the State

200

index: 290 length: 746 MovieCount: 291

Movie Name: Ignatius of Loyola

200

index: 291 length: 746 MovieCount: 292

Movie Name: Mandela's Gun

200

index: 292 length: 746 MovieCount: 293

Movie Name: Heneral Luna

200

index: 293 length: 746 MovieCount: 294

Movie Name: The Masked Saint

200

index: 294 length: 746 MovieCount: 295 Movie Name: I'm Gilda

200

index: 295 length: 746 MovieCount: 296

Movie Name: Holden On

200

index: 296 length: 746 MovieCount: 297

Movie Name: Den bedste mand

200 index: 297 length: 746 MovieCount: 298 Movie Name: João o Maestro 200 index: 298 length: 746 MovieCount: 299 Movie Name: Mais Forte que o Mundo: A História de José Aldo 200 index: 299 length: 746 MovieCount: 300 Movie Name: Love Under New Management: The Miki Howard Story index: 300 length: 746 MovieCount: 301 Movie Name: Manto 200 index: 301 length: 746 MovieCount: 302 Movie Name: Härte 200 index: 302 length: 746 MovieCount: 303 Movie Name: Elis 200 index: 303 length: 746 MovieCount: 304 Movie Name: Victor 200 index: 304 length: 746 MovieCount: 305 Movie Name: Killing Veerappan 200 index: 305 length: 746 MovieCount: 306 Movie Name: Tell the World 200 index: 306 length: 746 MovieCount: 307 Movie Name: Exodos 1826 200 index: 307 length: 746 MovieCount: 308 Movie Name: Selam: Bahara Yolculuk 200 index: 308 length: 746 MovieCount: 309 Movie Name: Rudhramadevi 200 index: 309 length: 746 MovieCount: 310

Movie Name: Crowhurst

200 index: 310 length: 746 MovieCount: 311 Movie Name: 492: A Man Called Death 200 index: 311 length: 746 MovieCount: 312 Movie Name: Masaryk 200 index: 312 length: 746 MovieCount: 313 Movie Name: Mah e Mir 200 index: 313 length: 746 MovieCount: 314 Movie Name: The Lennon Report 200 index: 314 length: 746 MovieCount: 315 Movie Name: Badge of Faith 200 index: 315 length: 746 MovieCount: 316 Movie Name: Junction 48 200 index: 316 length: 746 MovieCount: 317 Movie Name: Spirit of the Game 200 index: 317 length: 746 MovieCount: 318 Movie Name: Dian wu bu 200 index: 318 length: 746 MovieCount: 319 Movie Name: Felix Manalo 200 index: 319 length: 746 MovieCount: 320 Movie Name: Tenn 200 index: 320 length: 746 MovieCount: 321 Movie Name: Bole India Jai Bhim 200 index: 321 length: 746 MovieCount: 322 Movie Name: Saruhan 200 index: 322 length: 746 MovieCount: 323

Movie Name: Jesus Cries

200 index: 323 length: 746 MovieCount: 324 Movie Name: Another Shot 200 index: 324 length: 746 MovieCount: 325 Movie Name: Khibula 200 index: 325 length: 746 MovieCount: 326 Movie Name: Vangaveeti 200 index: 326 length: 746 MovieCount: 327 Movie Name: Dorihwaga 200 index: 327 length: 746 MovieCount: 328 Movie Name: An Act of Defiance 200 index: 328 length: 746 MovieCount: 329 Movie Name: James Dean: A Beautiful Soul index: 329 length: 746 MovieCount: 330 Movie Name: Dongju 200 index: 330 length: 746 MovieCount: 331 Movie Name: Meesaya murukku 200 index: 331 length: 746 MovieCount: 332 Movie Name: Fleur de tonnerre 200 index: 332 length: 746 MovieCount: 333 Movie Name: Eine unerhörte Frau 200 index: 333 length: 746 MovieCount: 334 Movie Name: Guru Bangsa Tjokroaminoto 200 index: 334 length: 746 MovieCount: 335 Movie Name: Newton's Grace 200 index: 335 length: 746

Movie Name: Il ragazzo della Giudecca

MovieCount: 336

```
200
index: 336
length: 746
MovieCount: 337
Movie Name: Rudy Valentino
200
index: 337
length: 746
MovieCount: 338
Movie Name: Raphael - Lord of the Arts
200
index: 338
length: 746
MovieCount: 339
Movie Name: La macchinazione
200
index: 339
length: 746
MovieCount: 340
Movie Name: Thirsty
200
index: 340
length: 746
MovieCount: 341
Movie Name: Virus Tropical
200
index: 341
length: 746
MovieCount: 342
Movie Name: An Evening with George Smiley
200
index: 342
length: 746
MovieCount: 343
Movie Name: The Interrogation
200
index: 343
length: 746
MovieCount: 344
Movie Name: Chiamatemi Francesco - Il Papa della gente
200
index: 344
length: 746
MovieCount: 345
Movie Name: Joaquim
200
index: 345
length: 746
MovieCount: 346
Movie Name: Rey
200
index: 346
length: 746
MovieCount: 347
Movie Name: Exil
200
index: 347
length: 746
MovieCount: 348
Movie Name: Santa Maria della Salute
200
index: 348
length: 746
MovieCount: 349
```

Movie Name: L'ami - François d'Assise et ses frères

```
200
index: 349
length: 746
MovieCount: 350
Movie Name: Jendral Soedirman
200
index: 350
length: 746
MovieCount: 351
Movie Name: Teit meistä kauniin
200
index: 351
length: 746
MovieCount: 352
Movie Name: Eu Fico Loko
200
index: 352
length: 746
MovieCount: 353
Movie Name: All That Remains
200
index: 353
length: 746
MovieCount: 354
Movie Name: Gour Hari Dastaan: The Freedom File
200
index: 354
length: 746
MovieCount: 355
Movie Name: Chrisye
200
index: 355
length: 746
MovieCount: 356
Movie Name: Santiago Apostol
200
index: 356
length: 746
MovieCount: 357
Movie Name: Seven
200
index: 357
length: 746
MovieCount: 358
Movie Name: Baba Vanga
200
index: 358
length: 746
MovieCount: 359
Movie Name: Sally Pacholok
200
index: 359
length: 746
MovieCount: 360
Movie Name: Bodo
200
index: 360
length: 746
MovieCount: 361
Movie Name: Ng goh siu hai dik hau jeung
200
index: 361
length: 746
MovieCount: 362
```

localhost:8888/nbconvert/html/Visha/MS details/Spring 2021/Data Foundation/Final Project/Scrape the biography Movie reviews.ipynb?download=... 98/222

Movie Name: Víctor Erice: Abbas Kiarostami: Correspondencias

```
200
index: 362
length: 746
MovieCount: 363
Movie Name: Jacinta
200
index: 363
length: 746
MovieCount: 364
Movie Name: Toofan Singh
200
index: 364
length: 746
MovieCount: 365
Movie Name: Francisco - El Padre Jorge
index: 365
length: 746
MovieCount: 366
Movie Name: El Inca
200
index: 366
length: 746
MovieCount: 367
Movie Name: Pilecki
200
index: 367
length: 746
MovieCount: 368
Movie Name: The Waiting Room
200
index: 368
length: 746
MovieCount: 369
Movie Name: Ekk Albela
200
index: 369
length: 746
MovieCount: 370
Movie Name: ¡Asu Mare! 2
200
index: 370
length: 746
MovieCount: 371
Movie Name: Pequeno Segredo
200
index: 371
length: 746
MovieCount: 372
Movie Name: Luz de Soledad
200
index: 372
length: 746
MovieCount: 373
Movie Name: Zeus
200
index: 373
length: 746
MovieCount: 374
Movie Name: Punk Strut: The Movie
200
index: 374
length: 746
MovieCount: 375
Movie Name: Vincent Van Gogh: A New Way of Seeing
```

200 index: 375 length: 746 MovieCount: 376 Movie Name: Moya babusya Fani Kaplan 200 index: 376 length: 746 MovieCount: 377 Movie Name: Istadeh Dar Ghobar 200 index: 377 length: 746 MovieCount: 378 Movie Name: Rudolph Nuriyev. Rudik 200 index: 378 length: 746 MovieCount: 379 Movie Name: Je compte sur vous 200 index: 379 length: 746 MovieCount: 380 Movie Name: The Answer 200 index: 380 length: 746 MovieCount: 381 Movie Name: Voevoda 200 index: 381 length: 746 MovieCount: 382 Movie Name: Chatô - The King of Brazil 200 index: 382 length: 746 MovieCount: 383 Movie Name: The 86 200 index: 383 length: 746 MovieCount: 384 Movie Name: Legalize Já: Amizade Nunca Morre index: 384 length: 746 MovieCount: 385 Movie Name: Bigas x Bigas 200 index: 385 length: 746 MovieCount: 386 Movie Name: Oklahoma Sun 200 index: 386 length: 746 MovieCount: 387 Movie Name: Love Records - anna mulle Lovee 200 index: 387 length: 746 MovieCount: 388

Movie Name: Doctor Rakhmabai

Movie Name: Yatim khaneye Iran

index: 389 length: 746 MovieCount: 390

Movie Name: La isla del viento

200

index: 390 length: 746 MovieCount: 391

Movie Name: Yarimçiq xatireler

200

index: 391 length: 746 MovieCount: 392 Movie Name: Mata Hari

200

index: 392 length: 746 MovieCount: 393

Movie Name: Tenkrat v raji

200

index: 393 length: 746 MovieCount: 394 Movie Name: The Trade

200

index: 394 length: 746 MovieCount: 395 Movie Name: Guerrero

200

index: 395 length: 746 MovieCount: 396

Movie Name: Anton Tchékhov 1890

200

index: 396 length: 746 MovieCount: 397 Movie Name: Foujita

200

index: 397 length: 746 MovieCount: 398

Movie Name: On Air: Storia di un Successo

200

index: 398 length: 746 MovieCount: 399 Movie Name: Kharms

200

index: 399 length: 746 MovieCount: 400

Movie Name: Eh Janam Tumhare Lekhe

200

index: 400 length: 746 MovieCount: 401

Movie Name: Armi elää!

200 index: 401 length: 746 MovieCount: 402 Movie Name: The Miner 200 index: 402 length: 746 MovieCount: 403 Movie Name: The Last Smile 200 index: 403 length: 746 MovieCount: 404 Movie Name: 3 Srikandi 200 index: 404 length: 746 MovieCount: 405 Movie Name: National Theatre Live: Young Marx 200 index: 405 length: 746 MovieCount: 406 Movie Name: Gwiazdy 200 index: 406 length: 746 MovieCount: 407 Movie Name: Glorious 200 index: 407 length: 746 MovieCount: 408 Movie Name: Mangoré 200 index: 408 length: 746 MovieCount: 409 Movie Name: Nos patriotes 200 index: 409 length: 746 MovieCount: 410 Movie Name: Wage 200 index: 410 length: 746 MovieCount: 411 Movie Name: Gohar Kheirandish a Filmography 200 index: 411 length: 746 MovieCount: 412 Movie Name: Erunesuto 200 index: 412 length: 746 MovieCount: 413 Movie Name: P-Chan Busting Into America 200 index: 413 length: 746 MovieCount: 414

Movie Name: Abby Singer/Songwriter

200 index: 414 length: 746 MovieCount: 415 Movie Name: Pawo 200 index: 415 length: 746 MovieCount: 416 Movie Name: Aaliyah 200 index: 416 length: 746 MovieCount: 417 Movie Name: The Sky Above Us 200 index: 417 length: 746 MovieCount: 418 Movie Name: Un'avventura romantica 200 index: 418 length: 746 MovieCount: 419 Movie Name: Chempiony: Bystree. Vyshe. Silnee 200 index: 419 length: 746 MovieCount: 420 Movie Name: Tjuvjägaren 200 index: 420 length: 746 MovieCount: 421 Movie Name: The Mastermind: Jinda Sukha 200 index: 421 length: 746 MovieCount: 422 Movie Name: Dharam Yudh Morcha 200 index: 422 length: 746 MovieCount: 423 Movie Name: Levski 200 index: 423 length: 746 MovieCount: 424 Movie Name: Sangharsh Yatra 200 index: 424 length: 746 MovieCount: 425 Movie Name: Blockbuster: Das Leben ist ein Film 200 index: 425 length: 746 MovieCount: 426 Movie Name: Le Pan prima della Pan 200 index: 426 length: 746

MovieCount: 427 Movie Name: Salute

200 index: 427 length: 746 MovieCount: 428 Movie Name: Yo soy así Tita de Buenos Aires 200 index: 428 length: 746 MovieCount: 429 Movie Name: Poveda 200 index: 429 length: 746 MovieCount: 430 Movie Name: Thau Chin o Xiem 200 index: 430 length: 746 MovieCount: 431 Movie Name: Churchill 200 index: 431 length: 746 MovieCount: 432 Movie Name: Copenhague A Love Story 200 index: 432 length: 746 MovieCount: 433 Movie Name: Rebellious Flower index: 433 length: 746 MovieCount: 434 Movie Name: Shah 200 index: 434 length: 746 MovieCount: 435 Movie Name: The Honourable Rebel 200 index: 435 length: 746 MovieCount: 436 Movie Name: Wasn't Afraid to Die 200 index: 436 length: 746 MovieCount: 437 Movie Name: Querido Embaixador 200 index: 437 length: 746 MovieCount: 438 Movie Name: House of Flying Arrows 200 index: 438 length: 746 MovieCount: 439 Movie Name: Chuzhaya molitva 200 index: 439

length: 746 MovieCount: 440 Movie Name: Anna

200 index: 440 length: 746 MovieCount: 441 Movie Name: John Bauer and the Mountain King 200 index: 441 length: 746 MovieCount: 442 Movie Name: The Babymooners 200 index: 442 length: 746 MovieCount: 443 Movie Name: Nato a Casal di Principe index: 443 length: 746 MovieCount: 444 Movie Name: Wir waren kameraden: Das ende 200 index: 444 length: 746 MovieCount: 445 Movie Name: Jason and Shirley 200 index: 445 length: 746 MovieCount: 446 Movie Name: Howeds 200 index: 446 length: 746 MovieCount: 447 Movie Name: Majaz: Ae Gham-e-Dil Kya Karun 200 index: 447 length: 746 MovieCount: 448 Movie Name: Correspondências 200 index: 448 length: 746 MovieCount: 449 Movie Name: Mario Lanza: The Best of Everything 200 index: 449 length: 746 MovieCount: 450 Movie Name: Prithipal Singh 200 index: 450 length: 746 MovieCount: 451 Movie Name: RYTMUS sídliskový sen 200 index: 451 length: 746 MovieCount: 452 Movie Name: Sarasate el rey del violín 200 index: 452 length: 746

MovieCount: 453 Movie Name: El color de un invierno

200 index: 453 length: 746 MovieCount: 454 Movie Name: Vztrajanje 200 index: 454 length: 746 MovieCount: 455 Movie Name: La papesse Jeanne 200 index: 455 length: 746 MovieCount: 456 Movie Name: The Last Hours of Che Guevara index: 456 length: 746 MovieCount: 457 Movie Name: Edith Walks 200 index: 457 length: 746 MovieCount: 458 Movie Name: Power of Silence 200 index: 458 length: 746 MovieCount: 459 Movie Name: YADVI: The Dignified Princess 200 index: 459 length: 746 MovieCount: 460 Movie Name: Matthew McConaughey Lorain County JVS 200 index: 460 length: 746 MovieCount: 461 Movie Name: Serce milosci 200 index: 461 length: 746 MovieCount: 462 Movie Name: Delta Justice: The Islenos Trappers War 200 index: 462 length: 746 MovieCount: 463 Movie Name: Vlk z Královských Vinohrad 200 index: 463 length: 746 MovieCount: 464 Movie Name: Torrey Pines 200 index: 464 length: 746 MovieCount: 465 Movie Name: Pashbandh 200 index: 465 length: 746 MovieCount: 466

localhost:8888/nbconvert/html/Visha/MS details/Spring 2021/Data Foundation/Final Project/Scrape the biography Movie reviews.ipynb?download... 106/222

Movie Name: My Name Is Adil

200 index: 466 length: 746 MovieCount: 467 Movie Name: El malquerido 200 index: 467 length: 746 MovieCount: 468 Movie Name: A Perfect Family 200 index: 468 length: 746 MovieCount: 469 Movie Name: Reagan: From Movie Star to President index: 469 length: 746 MovieCount: 470 Movie Name: Os Olhos de André 200 index: 470 length: 746 MovieCount: 471 Movie Name: Vanessa 200 index: 471 length: 746 MovieCount: 472 Movie Name: Shadow of a Hero 200 index: 472 length: 746 MovieCount: 473 Movie Name: Girasol 200 index: 473 length: 746 MovieCount: 474 Movie Name: Stone Cold Jane Austen 200 index: 474 length: 746 MovieCount: 475 Movie Name: Sundul Gan: The Story of Kaskus index: 475 length: 746 MovieCount: 476 Movie Name: Diva! 200 index: 476 length: 746 MovieCount: 477 Movie Name: Judas 200 index: 477 length: 746 MovieCount: 478 Movie Name: Mondo Americana 200 index: 478 length: 746 MovieCount: 479

localhost:8888/nbconvert/html/Visha/MS details/Spring 2021/Data Foundation/Final Project/Scrape the biography Movie reviews.ipynb?download... 107/222

Movie Name: La luz con el tiempo dentro

200 index: 479 length: 746 MovieCount: 480 Movie Name: Chaïbia 200 index: 480 length: 746 MovieCount: 481 Movie Name: The Great Leader Kanshiram 200 index: 481 length: 746 MovieCount: 482 Movie Name: Broken Chains 200 index: 482 length: 746 MovieCount: 483 Movie Name: Anna Nicole & the Starlight Angel 200 index: 483 length: 746 MovieCount: 484 Movie Name: Tainted Love 200 index: 484 length: 746 MovieCount: 485 Movie Name: La leggenda di Bob Wind 200 index: 485 length: 746 MovieCount: 486 Movie Name: Alive 200 index: 486 length: 746 MovieCount: 487 Movie Name: Satoshi no seishun 200 index: 487 length: 746 MovieCount: 488 Movie Name: Voyage avec un âne dans les Cévennes index: 488 length: 746 MovieCount: 489 Movie Name: Patriot of the Web 200 index: 489 length: 746 MovieCount: 490 Movie Name: Nick Cannon: The Vlad Couch 200 index: 490 length: 746 MovieCount: 491 Movie Name: The Zone 200 index: 491

Movie Name: Mistaken

length: 746 MovieCount: 492

```
200
index: 492
length: 746
MovieCount: 493
Movie Name: Aroni Tokhon
200
index: 493
length: 746
MovieCount: 494
Movie Name: Tomorrow Never Knows
200
index: 494
length: 746
MovieCount: 495
Movie Name: Ibn Hanbal
200
index: 495
length: 746
MovieCount: 496
Movie Name: Gigante
200
index: 496
length: 746
MovieCount: 497
Movie Name: Mademoiselle de la Charce
200
index: 497
length: 746
MovieCount: 498
Movie Name: Lotfi
200
index: 498
length: 746
MovieCount: 499
Movie Name: Ibn Badis
200
index: 499
length: 746
MovieCount: 500
Movie Name: Aramburu's Magical Mystery Tour
200
index: 500
length: 746
MovieCount: 501
Movie Name: Qi Gong
200
index: 501
length: 746
MovieCount: 502
Movie Name: Dolly Parton: Queen of Country
200
index: 502
length: 746
MovieCount: 503
Movie Name: The Broken Road
200
index: 503
length: 746
MovieCount: 504
Movie Name: Il Risveglio Di Un Gigante vita di Santa Veronica Giuliani
200
index: 504
length: 746
MovieCount: 505
```

Movie Name: Un caballo llamado Elefante

```
200
index: 505
length: 746
MovieCount: 506
Movie Name: Un uomo e una voce - A Beniamino Gigli
200
index: 506
length: 746
MovieCount: 507
Movie Name: Aarti the Unknown Love Story
200
index: 507
length: 746
MovieCount: 508
Movie Name: Life Prescribed
200
index: 508
length: 746
MovieCount: 509
Movie Name: The American Impostor
200
index: 509
length: 746
MovieCount: 510
Movie Name: Bartok
200
index: 510
length: 746
MovieCount: 511
Movie Name: Queen Mary of Scots: From Beginning to End
200
index: 511
length: 746
MovieCount: 512
Movie Name: Lina
200
index: 512
length: 746
MovieCount: 513
Movie Name: Lampedusa
200
index: 513
length: 746
MovieCount: 514
Movie Name: Tell Me a Story: the Life of J.L. Tramel
200
index: 514
length: 746
MovieCount: 515
Movie Name: ALIEN CITIZEN: An Earth Odyssey
200
index: 515
length: 746
MovieCount: 516
Movie Name: Re-Percussions PAN: Our African Odyssey
200
index: 516
length: 746
MovieCount: 517
Movie Name: Alter Ego
200
index: 517
length: 746
MovieCount: 518
```

localhost:8888/nbconvert/html/Visha/MS details/Spring 2021/Data Foundation/Final Project/Scrape the biography Movie reviews.ipynb?download... 110/222

Movie Name: Habib Al-Ardh

```
200
index: 518
length: 746
MovieCount: 519
Movie Name: Life in Pictures
200
index: 519
length: 746
MovieCount: 520
Movie Name: Die Laughing
200
index: 520
length: 746
MovieCount: 521
Movie Name: Qing Ni Ji Zhu Wo
200
index: 521
length: 746
MovieCount: 522
Movie Name: Anna Kisan Baburao Hazare
200
index: 522
length: 746
MovieCount: 523
Movie Name: Samu Life
200
index: 523
length: 746
MovieCount: 524
Movie Name: Toque de lo Alto
200
index: 524
length: 746
MovieCount: 525
Movie Name: Abhinetri
200
index: 525
length: 746
MovieCount: 526
Movie Name: Brave Heart (Jidd Jagnyachi)
200
index: 526
length: 746
MovieCount: 527
Movie Name: L'Ovidi: El making of de la pel·lícula que mai es va fer
index: 527
length: 746
MovieCount: 528
Movie Name: Kurdistan Kurdistan
200
index: 528
length: 746
MovieCount: 529
Movie Name: The Bootlegger
200
index: 529
length: 746
MovieCount: 530
Movie Name: 8 hlav sílenství
200
index: 530
length: 746
MovieCount: 531
Movie Name: Il resto con i miei occhi
```

```
200
index: 531
length: 746
MovieCount: 532
Movie Name: Juana Azurduy Guerrillera de la Patria Grande
200
index: 532
length: 746
MovieCount: 533
Movie Name: Peter Pandrew
200
index: 533
length: 746
MovieCount: 534
Movie Name: White Blessing
200
index: 534
length: 746
MovieCount: 535
Movie Name: The Last Correspondent
200
index: 535
length: 746
MovieCount: 536
Movie Name: Porkalathil Oru Poo: a Flower in the War Field
200
index: 536
length: 746
MovieCount: 537
Movie Name: Die Rebellie van Lafras Verwey
200
index: 537
length: 746
MovieCount: 538
Movie Name: Giovanni Segantini: Magie des Lichts
200
index: 538
length: 746
MovieCount: 539
Movie Name: 100 Milioni di bracciate
200
index: 539
length: 746
MovieCount: 540
Movie Name: Il Criminologo
200
index: 540
length: 746
MovieCount: 541
Movie Name: Whisper of the Heart III
200
index: 541
length: 746
MovieCount: 542
Movie Name: Rotas
200
index: 542
length: 746
MovieCount: 543
Movie Name: Manatlya Unhat: In the Sunshine of the Mind
200
index: 543
length: 746
MovieCount: 544
```

Movie Name: L'ospite

```
200
index: 544
length: 746
MovieCount: 545
Movie Name: Sheep in Fog
200
index: 545
length: 746
MovieCount: 546
Movie Name: Osvaldão
200
index: 546
length: 746
MovieCount: 547
Movie Name: Jai Jawaan Jai Kisaan
200
index: 547
length: 746
MovieCount: 548
Movie Name: Anathema Arienette
200
index: 548
length: 746
MovieCount: 549
Movie Name: Everything I see is mine
200
index: 549
length: 746
MovieCount: 550
Movie Name: Nôrin Ten: A Gonjirô Inazuka Story
index: 550
length: 746
MovieCount: 551
Movie Name: Ah Yalan Dünyada
200
index: 551
length: 746
MovieCount: 552
Movie Name: Silêncio no Estúdio
200
index: 552
length: 746
MovieCount: 553
Movie Name: Family First the Marshawn Lynch Story
200
index: 553
length: 746
MovieCount: 554
Movie Name: Love & Faith
200
index: 554
length: 746
MovieCount: 555
Movie Name: Never Me: The Debby Terry Story
200
index: 555
length: 746
MovieCount: 556
Movie Name: Il Cristo di Gamala: la vera storia dell'uomo chiamato Gesù
200
index: 556
length: 746
MovieCount: 557
```

Movie Name: Aasra

200 index: 557 length: 746 MovieCount: 558 Movie Name: Cura Brochero 200 index: 558 length: 746 MovieCount: 559 Movie Name: Cora Coralina: Todas as Vidas 200 index: 559 length: 746 MovieCount: 560 Movie Name: Ho Conosciuto Magnus 200 index: 560 length: 746 MovieCount: 561 Movie Name: Die Macht der Träume 200 index: 561 length: 746 MovieCount: 562 Movie Name: Silo 200 index: 562 length: 746 MovieCount: 563 Movie Name: Gandhi's Awakening 200 index: 563 length: 746 MovieCount: 564 Movie Name: Medardo 200 index: 564 length: 746 MovieCount: 565 Movie Name: Cold Side of the Pillow 200 index: 565 length: 746 MovieCount: 566 Movie Name: Vishwaguru 200 index: 566 length: 746 MovieCount: 567 Movie Name: 11th-A 200 index: 567 length: 746 MovieCount: 568 Movie Name: Se Ami La Vita 200 index: 568 length: 746 MovieCount: 569 Movie Name: The Millionaire 200 index: 569

length: 746 MovieCount: 570 Movie Name: Teen Ghumti

```
200
index: 570
length: 746
MovieCount: 571
Movie Name: The Poacher
200
index: 571
length: 746
MovieCount: 572
Movie Name: Les voyages extraordinaires d'Ella Maillart
200
index: 572
length: 746
MovieCount: 573
Movie Name: La vera storia di Mamma Lucia
index: 573
length: 746
MovieCount: 574
Movie Name: Mon ami Dino
200
index: 574
length: 746
MovieCount: 575
Movie Name: Sonar Baran Pakhi
200
index: 575
length: 746
MovieCount: 576
Movie Name: Danado de Bom
200
index: 576
length: 746
MovieCount: 577
Movie Name: Glauco do Brasil
200
index: 577
length: 746
MovieCount: 578
Movie Name: Quero Dizer-Te Adeus
200
index: 578
length: 746
MovieCount: 579
Movie Name: Salina P
200
index: 579
length: 746
MovieCount: 580
Movie Name: Hundraj Dukhayal: A True Sindhi Poet
200
index: 580
length: 746
MovieCount: 581
Movie Name: Giant
200
index: 581
length: 746
MovieCount: 582
Movie Name: My Best Friend's Birthday
200
index: 582
length: 746
MovieCount: 583
Movie Name: Hippocratic
```

```
200
index: 583
length: 746
MovieCount: 584
Movie Name: Finding Saint Francis
200
index: 584
length: 746
MovieCount: 585
Movie Name: Nel mondo grande e terribile
200
index: 585
length: 746
MovieCount: 586
Movie Name: Esterházy Péter emlékfilm ... a mindiget javítom örökkére
200
index: 586
length: 746
MovieCount: 587
Movie Name: Churchill: The One-Man Show
200
index: 587
length: 746
MovieCount: 588
Movie Name: Priyamanasam
200
index: 588
length: 746
MovieCount: 589
Movie Name: Aspira
200
index: 589
length: 746
MovieCount: 590
Movie Name: Forgive Me Father for I Have Sinned
200
index: 590
length: 746
MovieCount: 591
Movie Name: Robin Schulz: The Movie
200
index: 591
length: 746
MovieCount: 592
Movie Name: Aktoty
200
index: 592
length: 746
MovieCount: 593
Movie Name: Carola Neher - Todesursache unbekannt
200
index: 593
length: 746
MovieCount: 594
Movie Name: Interview wit German
200
index: 594
length: 746
MovieCount: 595
Movie Name: Clint
200
index: 595
length: 746
MovieCount: 596
```

localhost:8888/nbconvert/html/Visha/MS details/Spring 2021/Data Foundation/Final Project/Scrape the biography Movie reviews.ipynb?download... 116/222

Movie Name: Un nuovo giorno

```
200
index: 596
length: 746
MovieCount: 597
Movie Name: Yumeji: Ai no tobashiri
200
index: 597
length: 746
MovieCount: 598
Movie Name: Festina lente: Make Haste Slowly
200
index: 598
length: 746
MovieCount: 599
Movie Name: Ita Rina a Film Star Who Declined an Invitation to Hollywood
index: 599
length: 746
MovieCount: 600
Movie Name: Virbhadra Singh: Icon of the Era
200
index: 600
length: 746
MovieCount: 601
Movie Name: Bronce
200
index: 601
length: 746
MovieCount: 602
Movie Name: The Astonishing
200
index: 602
length: 746
MovieCount: 603
Movie Name: Jim Greco's Year 13
200
index: 603
length: 746
MovieCount: 604
Movie Name: Selfie brez retuse
200
index: 604
length: 746
MovieCount: 605
Movie Name: NaMo 4D
200
index: 605
length: 746
MovieCount: 606
Movie Name: Artemisia una donna appassionata
200
index: 606
length: 746
MovieCount: 607
Movie Name: Das Wunder vom Dachstein/The Dachstein Miracle
200
index: 607
length: 746
MovieCount: 608
Movie Name: El Predestinado
200
index: 608
length: 746
MovieCount: 609
Movie Name: Stories of Passers Through
```

localhost:8888/nbconvert/html/Visha/MS details/Spring 2021/Data Foundation/Final Project/Scrape the biography Movie reviews.ipynb?download... 117/222

```
200
index: 609
length: 746
MovieCount: 610
Movie Name: Feiticeiro da Calheta
200
index: 610
length: 746
MovieCount: 611
Movie Name: Cruz
200
index: 611
length: 746
MovieCount: 612
Movie Name: Sibenik: 950 godina
200
index: 612
length: 746
MovieCount: 613
Movie Name: The Two Worlds of William March
200
index: 613
length: 746
MovieCount: 614
Movie Name: Verses at Work
200
index: 614
length: 746
MovieCount: 615
Movie Name: The salt of the earth Gunpei Yamamuro
200
index: 615
length: 746
MovieCount: 616
Movie Name: The Legend of Shankhadhar
200
index: 616
length: 746
MovieCount: 617
Movie Name: Baba Sathya Sai
200
index: 617
length: 746
MovieCount: 618
Movie Name: Jamaica Through the Eyes of Carl Bradshaw
200
index: 618
length: 746
MovieCount: 619
Movie Name: Splendor Solis
200
index: 619
length: 746
MovieCount: 620
Movie Name: Mich kriegt Ihr nicht!
200
index: 620
length: 746
MovieCount: 621
Movie Name: Alek
200
index: 621
length: 746
MovieCount: 622
```

localhost:8888/nbconvert/html/Visha/MS details/Spring 2021/Data Foundation/Final Project/Scrape the biography Movie reviews.ipynb?download... 118/222

Movie Name: Five Nights of Waking Dreams

```
200
index: 622
length: 746
MovieCount: 623
Movie Name: Whyte Snuff
200
index: 623
length: 746
MovieCount: 624
Movie Name: Death Valley: A Love Story
200
index: 624
length: 746
MovieCount: 625
Movie Name: My Father's Name was Garbage
200
index: 625
length: 746
MovieCount: 626
Movie Name: Soldier Grandpa
200
index: 626
length: 746
MovieCount: 627
Movie Name: Imperial Iliad
200
index: 627
length: 746
MovieCount: 628
Movie Name: Mais Do Que Eu Possa Me Reconhecer
200
index: 628
length: 746
MovieCount: 629
Movie Name: Io ascolto
200
index: 629
length: 746
MovieCount: 630
Movie Name: Jesus the Christ
200
index: 630
length: 746
MovieCount: 631
Movie Name: Reverse Joker
200
index: 631
length: 746
MovieCount: 632
Movie Name: Niyati
200
index: 632
length: 746
MovieCount: 633
Movie Name: Georges Bizet: Biography
200
index: 633
length: 746
MovieCount: 634
Movie Name: Visions
200
index: 634
length: 746
MovieCount: 635
```

localhost:8888/nbconvert/html/Visha/MS details/Spring 2021/Data Foundation/Final Project/Scrape the biography Movie reviews.ipynb?download... 119/222

Movie Name: Thug Roi Extraordinary Rendezvous with My Brother

```
200
index: 635
length: 746
MovieCount: 636
Movie Name: Yego doch
200
index: 636
length: 746
MovieCount: 637
Movie Name: La fantastica storia di Marc Chagall
200
index: 637
length: 746
MovieCount: 638
Movie Name: Byy Mapt
200
index: 638
length: 746
MovieCount: 639
Movie Name: The Man of Merit
200
index: 639
length: 746
MovieCount: 640
Movie Name: Real Haunts
200
index: 640
length: 746
MovieCount: 641
Movie Name: Oltremare La Madre Dei Poveri
index: 641
length: 746
MovieCount: 642
Movie Name: Codelli
200
index: 642
length: 746
MovieCount: 643
Movie Name: Venanzio Revolt: I miei primi 80 anni di cinema
200
index: 643
length: 746
MovieCount: 644
Movie Name: My Heart Is an Octopus or My Father on the Shore of the Black Sea
index: 644
length: 746
MovieCount: 645
Movie Name: Där björkarna susa - Jailbird Singers
200
index: 645
length: 746
MovieCount: 646
Movie Name: Oscar Wilde by R G Clark
200
index: 646
length: 746
MovieCount: 647
Movie Name: Manab Premi Mahapurush
200
index: 647
length: 746
MovieCount: 648
```

Movie Name: Warm After All

200 index: 648 length: 746 MovieCount: 649 Movie Name: Abiturienten 2017 200 index: 649 length: 746 MovieCount: 650 Movie Name: Memoirs of Giorgio Vasari: A Tuscan Artist 200 index: 650 length: 746 MovieCount: 651 Movie Name: Paper Cinema 200 index: 651 length: 746 MovieCount: 652 Movie Name: Volando con il Gobbo 200 index: 652 length: 746 MovieCount: 653 Movie Name: The Trial of David Owen Dodd 200 index: 653 length: 746 MovieCount: 654 Movie Name: The Missing 200 index: 654 length: 746 MovieCount: 655 Movie Name: Deng xiaoping deng huang shan 200 index: 655 length: 746 MovieCount: 656 Movie Name: La planta insolente 200 index: 656 length: 746 MovieCount: 657 Movie Name: Suvadugal 200 index: 657 length: 746 MovieCount: 658 Movie Name: Complexado 200 index: 658 length: 746 MovieCount: 659 Movie Name: Jordan's Story 200 index: 659 length: 746 MovieCount: 660 Movie Name: Windi 200 index: 660 length: 746 MovieCount: 661

localhost:8888/nbconvert/html/Visha/MS details/Spring 2021/Data Foundation/Final Project/Scrape the biography Movie reviews.ipynb?download... 121/222

Movie Name: The Road to God Knows Where

```
200
index: 661
length: 746
MovieCount: 662
Movie Name: Jhamela
200
index: 662
length: 746
MovieCount: 663
Movie Name: Alpino Riccardo Giusto
200
index: 663
length: 746
MovieCount: 664
Movie Name: Marvin McQuitty Jr.: The Rhythm of Life
index: 664
length: 746
MovieCount: 665
Movie Name: Ophelia did not drown
200
index: 665
length: 746
MovieCount: 666
Movie Name: Il Meridiano della Solitudine
200
index: 666
length: 746
MovieCount: 667
Movie Name: Mitko Midzin in Country of Thoughts
200
index: 667
length: 746
MovieCount: 668
Movie Name: Trompete Dourado
200
index: 668
length: 746
MovieCount: 669
Movie Name: Kachru Mazha Bapa
200
index: 669
length: 746
MovieCount: 670
Movie Name: Theatre Without Audience
200
index: 670
length: 746
MovieCount: 671
Movie Name: Alexandre Marius Jacob et les Travailleurs de la nuit
200
index: 671
length: 746
MovieCount: 672
Movie Name: It's What Dad Would Have Wanted
200
index: 672
length: 746
MovieCount: 673
Movie Name: From Crystals to Castles
200
index: 673
length: 746
MovieCount: 674
Movie Name: As if nothing had happened
```

localhost:8888/nbconvert/html/Visha/MS details/Spring 2021/Data Foundation/Final Project/Scrape the biography Movie reviews.ipynb?download... 122/222

```
200
index: 674
length: 746
MovieCount: 675
Movie Name: Frightmakers 101: Horror Writing with CineDump's Preston Fassel
200
index: 675
length: 746
MovieCount: 676
Movie Name: Do you enjoy darkness?
200
index: 676
length: 746
MovieCount: 677
Movie Name: Blanca & Pepita
200
index: 677
length: 746
MovieCount: 678
Movie Name: Confessions to the Mirror
200
index: 678
length: 746
MovieCount: 679
Movie Name: Yumeji: The Torrent of Love
200
index: 679
length: 746
MovieCount: 680
Movie Name: Chasing Flash: The Journey of Kevin Smith
200
index: 680
length: 746
MovieCount: 681
Movie Name: Ambassador of Socialism
200
index: 681
length: 746
MovieCount: 682
Movie Name: Lokabandhoo
200
index: 682
length: 746
MovieCount: 683
Movie Name: Ballada o nepobezhdyonnom
200
index: 683
length: 746
MovieCount: 684
Movie Name: Sandro's Notebook
200
index: 684
length: 746
MovieCount: 685
Movie Name: Mia madre fa l'attrice
200
index: 685
length: 746
MovieCount: 686
Movie Name: Haha: Kobayashi Takiji no haha no monogatari
200
index: 686
length: 746
MovieCount: 687
```

localhost:8888/nbconvert/html/Visha/MS details/Spring 2021/Data Foundation/Final Project/Scrape the biography Movie reviews.ipynb?download... 123/222

Movie Name: Professione Remotti

```
200
index: 687
length: 746
MovieCount: 688
Movie Name: Al di la' del risultato (Beyond the result)
200
index: 688
length: 746
MovieCount: 689
Movie Name: British
200
index: 689
length: 746
MovieCount: 690
Movie Name: Portræt af Peter Belli
200
index: 690
length: 746
MovieCount: 691
Movie Name: kero u a c s on the road
200
index: 691
length: 746
MovieCount: 692
Movie Name: Scandinav But Oscar
200
index: 692
length: 746
MovieCount: 693
Movie Name: Mr. Veerappan
200
index: 693
length: 746
MovieCount: 694
Movie Name: DiCaprio: Long Road to the Oscars
200
index: 694
length: 746
MovieCount: 695
Movie Name: Rosso dal vetro: dovunque tu vada
200
index: 695
length: 746
MovieCount: 696
Movie Name: Ashik
200
index: 696
length: 746
MovieCount: 697
Movie Name: Nei Ngaidam in
200
index: 697
length: 746
MovieCount: 698
Movie Name: harry
200
index: 698
length: 746
MovieCount: 699
Movie Name: League of Heels: A Video Game Wrestling Documentary
200
index: 699
length: 746
MovieCount: 700
```

Movie Name: Marie's Attitude

200 index: 700 length: 746 MovieCount: 701 Movie Name: The Lion of Penteli 200 index: 701 length: 746 MovieCount: 702 Movie Name: Understanding Pain in Older Age 200 index: 702 length: 746 MovieCount: 703 Movie Name: My Own Private Bollywood index: 703 length: 746 MovieCount: 704 Movie Name: Blame 200 index: 704 length: 746 MovieCount: 705 Movie Name: Arturo Secunda 200 index: 705 length: 746 MovieCount: 706 Movie Name: Deliyans 200 index: 706 length: 746 MovieCount: 707 Movie Name: Ahmed Kathrada: A Man for All Seasons 200 index: 707 length: 746 MovieCount: 708 Movie Name: Tell Me Love Is Real 200 index: 708 length: 746 MovieCount: 709 Movie Name: El Andalib El Assmar 200 index: 709 length: 746 MovieCount: 710 Movie Name: We Decide What Is Real 200 index: 710 length: 746 MovieCount: 711 Movie Name: Home Movie 200 index: 711 length: 746 MovieCount: 712 Movie Name: S osenyu v serdtse 200 index: 712 length: 746 MovieCount: 713

Movie Name: House of Knowledge

200 index: 713 length: 746 MovieCount: 714 Movie Name: Dreams 200 index: 714 length: 746 MovieCount: 715 Movie Name: The Granary 200 index: 715 length: 746 MovieCount: 716 Movie Name: Egypt October 2017 200 index: 716 length: 746 MovieCount: 717 Movie Name: Tulasi Apa 200 index: 717 length: 746 MovieCount: 718 Movie Name: Iron Man: The Sean Fallon Story 200 index: 718 length: 746 MovieCount: 719 Movie Name: Orwell for President index: 719 length: 746 MovieCount: 720 Movie Name: Le stelle di Celi 200 index: 720 length: 746 MovieCount: 721 Movie Name: Conversations with Scleroderma 200 index: 721 length: 746 MovieCount: 722 Movie Name: Until the End of Time 200 index: 722 length: 746 MovieCount: 723 Movie Name: Vijay: The Spiritual Legend 200 index: 723 length: 746 MovieCount: 724 Movie Name: Inside of me 200 index: 724 length: 746 MovieCount: 725 Movie Name: Tonino 200 index: 725 length: 746 MovieCount: 726

localhost:8888/nbconvert/html/Visha/MS details/Spring 2021/Data Foundation/Final Project/Scrape the biography Movie reviews.ipynb?download... 126/222

Movie Name: Let Me Dance

```
200
index: 726
length: 746
MovieCount: 727
Movie Name: Untitled
200
index: 727
length: 746
MovieCount: 728
Movie Name: Ievainotais Jatnieks
200
index: 728
length: 746
MovieCount: 729
Movie Name: Laventurera
200
index: 729
length: 746
MovieCount: 730
Movie Name: Kushina
200
index: 730
length: 746
MovieCount: 731
Movie Name: The Panda Who Oinked
200
index: 731
length: 746
MovieCount: 732
Movie Name: Geoffrey Gilbert: Gentleman of the Flute
index: 732
length: 746
MovieCount: 733
Movie Name: The Mountain Sea
200
index: 733
length: 746
MovieCount: 734
Movie Name: Kriz in kladivo
200
index: 734
length: 746
MovieCount: 735
Movie Name: Uscirai Sano
200
index: 735
length: 746
MovieCount: 736
Movie Name: Valpurnis: Saturan
200
index: 736
length: 746
MovieCount: 737
Movie Name: Shurangama: The True Mind Unveiled
200
index: 737
length: 746
MovieCount: 738
Movie Name: Leningrad. Nomer 7
200
index: 738
length: 746
MovieCount: 739
```

localhost:8888/nbconvert/html/Visha/MS details/Spring 2021/Data Foundation/Final Project/Scrape the biography Movie reviews.ipynb?download... 127/222

Movie Name: Antoine's Movie About Antoine

```
200
index: 739
length: 746
MovieCount: 740
Movie Name: The Guitar King
200
index: 740
length: 746
MovieCount: 741
Movie Name: Dario Fo e Franca Rame la nostra storia
200
index: 741
length: 746
MovieCount: 742
Movie Name: Ekerwald - bildning och lust
index: 742
length: 746
MovieCount: 743
Movie Name: Je ne joue plus
200
index: 743
length: 746
MovieCount: 744
Movie Name: Junior Vianna Uma História de Sucesso
200
index: 744
length: 746
MovieCount: 745
Movie Name: For This Land
200
index: 745
length: 746
MovieCount: 746
Movie Name: Smell Camera
200
Scrape > 2017 movies review
index: 0
length: 848
MovieCount: 1
Movie Name: Mank
200
index: 1
length: 848
MovieCount: 2
Movie Name: Judas and the Black Messiah
200
index: 2
length: 848
MovieCount: 3
Movie Name: The Big Bull
200
index: 3
length: 848
MovieCount: 4
Movie Name: The Dig
200
index: 4
length: 848
MovieCount: 5
Movie Name: Bohemian Rhapsody
200
index: 5
length: 848
```

MovieCount: 6

```
Movie Name: Madame Claude
200
index: 6
length: 848
MovieCount: 7
Movie Name: Green Book
200
index: 7
length: 848
MovieCount: 8
Movie Name: Hamilton
200
index: 8
length: 848
MovieCount: 9
Movie Name: Ford v Ferrari
200
index: 9
length: 848
MovieCount: 10
Movie Name: Ammonite
200
index: 10
length: 848
MovieCount: 11
Movie Name: The United States vs. Billie Holiday
index: 11
length: 848
MovieCount: 12
Movie Name: The Irishman
200
index: 12
length: 848
MovieCount: 13
Movie Name: City of Lies
200
index: 13
length: 848
MovieCount: 14
Movie Name: Bombshell
200
index: 14
length: 848
MovieCount: 15
Movie Name: Rocketman
200
index: 15
length: 848
MovieCount: 16
Movie Name: The King
200
index: 16
length: 848
MovieCount: 17
Movie Name: The Favourite
200
index: 17
length: 848
MovieCount: 18
Movie Name: BlackkKlansman
200
index: 18
length: 848
MovieCount: 19
```

```
Movie Name: Radioactive
200
index: 19
length: 848
MovieCount: 20
Movie Name: First Man
200
index: 20
length: 848
MovieCount: 21
Movie Name: Above Suspicion
index: 21
length: 848
MovieCount: 22
Movie Name: Extremely Wicked Shockingly Evil and Vile
200
index: 22
length: 848
MovieCount: 23
Movie Name: Dark Waters
200
index: 23
length: 848
MovieCount: 24
Movie Name: Vice
200
index: 24
length: 848
MovieCount: 25
Movie Name: Mary Queen of Scots
200
index: 25
length: 848
MovieCount: 26
Movie Name: The Dirt
200
index: 26
length: 848
MovieCount: 27
Movie Name: Just Mercy
200
index: 27
length: 848
MovieCount: 28
Movie Name: Richard Jewell
200
index: 28
length: 848
MovieCount: 29
Movie Name: Capone
200
index: 29
length: 848
MovieCount: 30
Movie Name: Beautiful Boy
200
index: 30
length: 848
MovieCount: 31
Movie Name: A Beautiful Day in the Neighborhood
200
index: 31
length: 848
MovieCount: 32
```

```
Movie Name: Outlaw King
200
index: 32
length: 848
MovieCount: 33
Movie Name: Fighting with My Family
200
index: 33
length: 848
MovieCount: 34
Movie Name: Colette
200
index: 34
length: 848
MovieCount: 35
Movie Name: The Professor and the Madman
200
index: 35
length: 848
MovieCount: 36
Movie Name: Judy
200
index: 36
length: 848
MovieCount: 37
Movie Name: At Eternity's Gate
index: 37
length: 848
MovieCount: 38
Movie Name: Can You Ever Forgive Me?
200
index: 38
length: 848
MovieCount: 39
Movie Name: Official Secrets
200
index: 39
length: 848
MovieCount: 40
Movie Name: True History of the Kelly Gang
index: 40
length: 848
MovieCount: 41
Movie Name: The Highwaymen
200
index: 41
length: 848
MovieCount: 42
Movie Name: Tolkien
200
index: 42
length: 848
MovieCount: 43
Movie Name: Welcome to Marwen
200
index: 43
length: 848
MovieCount: 44
Movie Name: Trial by Fire
200
index: 44
length: 848
MovieCount: 45
```

Movie Name: Operation Finale 200 index: 45 length: 848 MovieCount: 46 Movie Name: Harriet 200 index: 46 length: 848 MovieCount: 47 Movie Name: A Hidden Life index: 47 length: 848 MovieCount: 48 Movie Name: Adrift 200 index: 48 length: 848 MovieCount: 49 Movie Name: A Call to Spy 200 index: 49 length: 848 MovieCount: 50 Movie Name: Red Joan 200 index: 50 length: 848 MovieCount: 51 Movie Name: Resistance 200 index: 51 length: 848 MovieCount: 52 Movie Name: Bad Education 200 index: 52 length: 848 MovieCount: 53 Movie Name: I Still Believe 200 index: 53 length: 848 MovieCount: 54 Movie Name: The Two Popes 200 index: 54 length: 848 MovieCount: 55 Movie Name: On the Basis of Sex 200 index: 55 length: 848 MovieCount: 56 Movie Name: Seberg 200 index: 56 length: 848 MovieCount: 57 Movie Name: The Banker 200 index: 57

length: 848

Movie Name: The Boy Who Harnessed the Wind 200 index: 58 length: 848 MovieCount: 59 Movie Name: Curiosa 200 index: 59 length: 848 MovieCount: 60 Movie Name: Togo 200 index: 60 length: 848 MovieCount: 61 Movie Name: American Animals 200 index: 61 length: 848 MovieCount: 62 Movie Name: Ip Man 4: The Finale 200 index: 62 length: 848 MovieCount: 63 Movie Name: The Best of Enemies 200 index: 63 length: 848 MovieCount: 64 Movie Name: Blonde 200 index: 64 length: 848 MovieCount: 65 Movie Name: The Report 200 index: 65 length: 848 MovieCount: 66 Movie Name: Boy Erased 200 index: 66 length: 848 MovieCount: 67 Movie Name: Son of the South 200 index: 67 length: 848 MovieCount: 68 Movie Name: Tesla 200 index: 68 length: 848 MovieCount: 69 Movie Name: Dolemite Is My Name 200 index: 69 length: 848 MovieCount: 70 Movie Name: The Catcher Was a Spy 200 index: 70 length: 848 MovieCount: 71

```
Movie Name: Mary Magdalene
200
index: 71
length: 848
MovieCount: 72
Movie Name: Lords of Chaos
200
index: 72
length: 848
MovieCount: 73
Movie Name: Shirley
index: 73
length: 848
MovieCount: 74
Movie Name: Creation Stories
200
index: 74
length: 848
MovieCount: 75
Movie Name: Joe Bell
200
index: 75
length: 848
MovieCount: 76
Movie Name: Skin
200
index: 76
length: 848
MovieCount: 77
Movie Name: Never Look Away
200
index: 77
length: 848
MovieCount: 78
Movie Name: Driven
200
index: 78
length: 848
MovieCount: 79
Movie Name: The Traitor
200
index: 79
length: 848
MovieCount: 80
Movie Name: Billionaire Boys Club
200
index: 80
length: 848
MovieCount: 81
Movie Name: Bigger
200
index: 81
length: 848
MovieCount: 82
Movie Name: Lizzie
200
index: 82
length: 848
MovieCount: 83
Movie Name: Don't Worry He Won't Get Far on Foot
200
index: 83
length: 848
```

MovieCount: 84

Movie Name: Mr. Jones 200 index: 84 length: 848 MovieCount: 85 Movie Name: Stan & Ollie 200 index: 85 length: 848 MovieCount: 86 Movie Name: Stardust 200 index: 86 length: 848 MovieCount: 87 Movie Name: A Futile and Stupid Gesture 200 index: 87 length: 848 MovieCount: 88 Movie Name: Respect 200 index: 88 length: 848 MovieCount: 89 Movie Name: Maestro 200 index: 89 length: 848 MovieCount: 90 Movie Name: Charlie Says 200 index: 90 length: 848 MovieCount: 91 Movie Name: Sergio 200 index: 91 length: 848 MovieCount: 92 Movie Name: Winchester 200 index: 92 length: 848 MovieCount: 93 Movie Name: Percy Vs Goliath 200 index: 93 length: 848 MovieCount: 94 Movie Name: A Private War 200 index: 94 length: 848 MovieCount: 95 Movie Name: The Kid 200 index: 95 length: 848 MovieCount: 96 Movie Name: Breakthrough 200 index: 96

length: 848

Movie Name: All Is True 200 index: 97 length: 848 MovieCount: 98 Movie Name: Burden 200 index: 98 length: 848 MovieCount: 99 Movie Name: The Old Man & the Gun index: 99 length: 848 MovieCount: 100 Movie Name: Gotti 200 index: 100 length: 848 MovieCount: 101 Movie Name: Safety 200 index: 101 length: 848 MovieCount: 102 Movie Name: The Tale 200 index: 102 length: 848 MovieCount: 103 Movie Name: Brian Banks 200 index: 103 length: 848 MovieCount: 104 Movie Name: The Glorias 200 index: 104 length: 848 MovieCount: 105 Movie Name: Stockholm 200 index: 105 length: 848 MovieCount: 106 Movie Name: Saina 200 index: 106 length: 848 MovieCount: 107 Movie Name: The Heist of the Century 200 index: 107 length: 848 MovieCount: 108 Movie Name: Untitled Elvis Presley Project 200 index: 108 length: 848 MovieCount: 109 Movie Name: The Front Runner 200 index: 109 length: 848 MovieCount: 110

```
Movie Name: The 15:17 to Paris
200
index: 110
length: 848
MovieCount: 111
Movie Name: King of Thieves
200
index: 111
length: 848
MovieCount: 112
Movie Name: The Electrical Life of Louis Wain
index: 112
length: 848
MovieCount: 113
Movie Name: Vita & Virginia
200
index: 113
length: 848
MovieCount: 114
Movie Name: Kaagaz
200
index: 114
length: 848
MovieCount: 115
Movie Name: I Can Only Imagine
index: 115
length: 848
MovieCount: 116
Movie Name: Kalashnikov
200
index: 116
length: 848
MovieCount: 117
Movie Name: tick tick...Boom!
200
index: 117
length: 848
MovieCount: 118
Movie Name: Paul Apostle of Christ
index: 118
length: 848
MovieCount: 119
Movie Name: The Eyes of Tammy Faye
200
index: 119
length: 848
MovieCount: 120
Movie Name: Elisa & Marcela
200
index: 120
length: 848
MovieCount: 121
Movie Name: Emperor
200
index: 121
length: 848
MovieCount: 122
Movie Name: Ride Like a Girl
200
index: 122
length: 848
MovieCount: 123
```

```
Movie Name: The Duke
200
index: 123
length: 848
MovieCount: 124
Movie Name: Dance of the 41
200
index: 124
length: 848
MovieCount: 125
Movie Name: The Photographer of Mauthausen
index: 125
length: 848
MovieCount: 126
Movie Name: Major
200
index: 126
length: 848
MovieCount: 127
Movie Name: I Am Woman
200
index: 127
length: 848
MovieCount: 128
Movie Name: Blaze
200
index: 128
length: 848
MovieCount: 129
Movie Name: Dream Horse
200
index: 129
length: 848
MovieCount: 130
Movie Name: The Kill Team
200
index: 130
length: 848
MovieCount: 131
Movie Name: Sanju
200
index: 131
length: 848
MovieCount: 132
Movie Name: Super 30
200
index: 132
length: 848
MovieCount: 133
Movie Name: The Conductor
200
index: 133
length: 848
MovieCount: 134
Movie Name: Wish Man
200
index: 134
length: 848
MovieCount: 135
Movie Name: Gunjan Saxena: The Kargil Girl
200
index: 135
length: 848
```

MovieCount: 136

localhost:8888/nbconvert/html/Visha/MS details/Spring 2021/Data Foundation/Final Project/Scrape the biography Movie reviews.ipynb?download... 138/222

```
Movie Name: Master Z: The Ip Man Legacy
200
index: 136
length: 848
MovieCount: 137
Movie Name: Benedetta
200
index: 137
length: 848
MovieCount: 138
Movie Name: Miss Marx
index: 138
length: 848
MovieCount: 139
Movie Name: Hell on the Border
200
index: 139
length: 848
MovieCount: 140
Movie Name: The Happy Prince
200
index: 140
length: 848
MovieCount: 141
Movie Name: Loro
200
index: 141
length: 848
MovieCount: 142
Movie Name: The White Crow
200
index: 142
length: 848
MovieCount: 143
Movie Name: The Good Traitor
200
index: 143
length: 848
MovieCount: 144
Movie Name: Unbroken: Path to Redemption
index: 144
length: 848
MovieCount: 145
Movie Name: Eiffel
200
index: 145
length: 848
MovieCount: 146
Movie Name: Trautmann
200
index: 146
length: 848
MovieCount: 147
Movie Name: Mapplethorpe
200
index: 147
length: 848
MovieCount: 148
Movie Name: El Angel
200
index: 148
length: 848
MovieCount: 149
```

```
Movie Name: The Grizzlies
200
index: 149
length: 848
MovieCount: 150
Movie Name: Eftihia
200
index: 150
length: 848
MovieCount: 151
Movie Name: Unplanned
index: 151
length: 848
MovieCount: 152
Movie Name: Recon
200
index: 152
length: 848
MovieCount: 153
Movie Name: Jeremiah Terminator LeRoy
200
index: 153
length: 848
MovieCount: 154
Movie Name: Harry Haft
index: 154
length: 848
MovieCount: 155
Movie Name: The Resistance Banker
200
index: 155
length: 848
MovieCount: 156
Movie Name: Amundsen
200
index: 156
length: 848
MovieCount: 157
Movie Name: The Spy
200
index: 157
length: 848
MovieCount: 158
Movie Name: A Twelve-Year Night
200
index: 158
length: 848
MovieCount: 159
Movie Name: On My Skin: The Last Seven Days of Stefano Cucchi
200
index: 159
length: 848
MovieCount: 160
Movie Name: Potato Dreams of America
200
index: 160
length: 848
MovieCount: 161
Movie Name: Worth
200
index: 161
length: 848
```

MovieCount: 162

```
Movie Name: American Fighter
200
index: 162
length: 848
MovieCount: 163
Movie Name: Zenek
200
index: 163
length: 848
MovieCount: 164
Movie Name: My Name Is Sara
index: 164
length: 848
MovieCount: 165
Movie Name: Still Got Joy
200
index: 165
length: 848
MovieCount: 166
Movie Name: Rise of the Footsoldier: The Heist
200
index: 166
length: 848
MovieCount: 167
Movie Name: Tove
200
index: 167
length: 848
MovieCount: 168
Movie Name: Lansky
200
index: 168
length: 848
MovieCount: 169
Movie Name: Variações: Guardian Angel
200
index: 169
length: 848
MovieCount: 170
Movie Name: Come Sunday
200
index: 170
length: 848
MovieCount: 171
Movie Name: Last Call
200
index: 171
length: 848
MovieCount: 172
Movie Name: Kilroy
200
index: 172
length: 848
MovieCount: 173
Movie Name: Georgetown
200
index: 173
length: 848
MovieCount: 174
Movie Name: Mope
200
index: 174
length: 848
MovieCount: 175
```

```
Movie Name: Rocketry: The Nambi Effect
200
index: 175
length: 848
MovieCount: 176
Movie Name: Solo
200
index: 176
length: 848
MovieCount: 177
Movie Name: Cep Herkülü: Naim Süleymanoglu
index: 177
length: 848
MovieCount: 178
Movie Name: Bizim Için Sampiyon
200
index: 178
length: 848
MovieCount: 179
Movie Name: Tanhaji: The Unsung Warrior
200
index: 179
length: 848
MovieCount: 180
Movie Name: Walk. Ride. Rodeo.
200
index: 180
length: 848
MovieCount: 181
Movie Name: De Gaulle
200
index: 181
length: 848
MovieCount: 182
Movie Name: Enfant Terrible
200
index: 182
length: 848
MovieCount: 183
Movie Name: Un amour impossible
200
index: 183
length: 848
MovieCount: 184
Movie Name: The Judgement
200
index: 184
length: 848
MovieCount: 185
Movie Name: In the Shadow of the Mountain
200
index: 185
length: 848
MovieCount: 186
Movie Name: Saint Judy
200
index: 186
length: 848
MovieCount: 187
Movie Name: Corazón
200
index: 187
length: 848
MovieCount: 188
```

localhost:8888/nbconvert/html/Visha/MS details/Spring 2021/Data Foundation/Final Project/Scrape the biography Movie reviews.ipynb?download... 142/222

Movie Name: Io sono Mia 200 index: 188 length: 848 MovieCount: 189 Movie Name: Hidden Away 200 index: 189 length: 848 MovieCount: 190 Movie Name: Müslüm 200 index: 190 length: 848 MovieCount: 191 Movie Name: Irena Sendler 200 index: 191 length: 848 MovieCount: 192 Movie Name: Faustina: Love and Mercy 200 index: 192 length: 848 MovieCount: 193 Movie Name: Vellam 200 index: 193 length: 848 MovieCount: 194 Movie Name: The Brawler 200 index: 194 length: 848 MovieCount: 195 Movie Name: Becoming Astrid 200 index: 195 length: 848 MovieCount: 196 Movie Name: The Twentieth Century index: 196 length: 848 MovieCount: 197 Movie Name: Josep 200 index: 197 length: 848 MovieCount: 198 Movie Name: Berenshtein 200 index: 198 length: 848 MovieCount: 199 Movie Name: Shakuntala Devi 200 index: 199 length: 848 MovieCount: 200 Movie Name: Malik 200 index: 200 length: 848 MovieCount: 201

```
Movie Name: Doctor Lisa
200
index: 201
length: 848
MovieCount: 202
Movie Name: '83
200
index: 202
length: 848
MovieCount: 203
Movie Name: L'incroyable histoire du facteur Cheval
index: 203
length: 848
MovieCount: 204
Movie Name: Benediction
200
index: 204
length: 848
MovieCount: 205
Movie Name: Mrs Lowry & Son
200
index: 205
length: 848
MovieCount: 206
Movie Name: Street Survivors: The True Story of the Lynyrd Skynyrd Plane Crash
index: 206
length: 848
MovieCount: 207
Movie Name: The Accidental Prime Minister
200
index: 207
length: 848
MovieCount: 208
Movie Name: All About Me
200
index: 208
length: 848
MovieCount: 209
Movie Name: Manikarnika: The Queen of Jhansi
index: 209
length: 848
MovieCount: 210
Movie Name: Manto
200
index: 210
length: 848
MovieCount: 211
Movie Name: Resurrection
200
index: 211
length: 848
MovieCount: 212
Movie Name: Loro 1
200
index: 212
length: 848
MovieCount: 213
Movie Name: PM Narendra Modi
200
index: 213
length: 848
MovieCount: 214
```

```
Movie Name: Gangubai Kathiawadi
200
index: 214
length: 848
MovieCount: 215
Movie Name: Shooting Clerks
200
index: 215
length: 848
MovieCount: 216
Movie Name: Mahanati
200
index: 216
length: 848
MovieCount: 217
Movie Name: Sonja: The White Swan
200
index: 217
length: 848
MovieCount: 218
Movie Name: Lindenberg! Mach dein Ding
200
index: 218
length: 848
MovieCount: 219
Movie Name: Fahim
200
index: 219
length: 848
MovieCount: 220
Movie Name: Chhapaak
200
index: 220
length: 848
MovieCount: 221
Movie Name: Frank and Ava
200
index: 221
length: 848
MovieCount: 222
Movie Name: Saand Ki Aankh
200
index: 222
length: 848
MovieCount: 223
Movie Name: Banking on Mr. Toad
200
index: 223
length: 848
MovieCount: 224
Movie Name: Blackjack: The Jackie Ryan Story
200
index: 224
length: 848
MovieCount: 225
Movie Name: Let Me Fall
200
index: 225
length: 848
MovieCount: 226
Movie Name: No Longer Human
200
index: 226
length: 848
MovieCount: 227
```

```
Movie Name: Another Day of Life
200
index: 227
length: 848
MovieCount: 228
Movie Name: Gundermann
200
index: 228
length: 848
MovieCount: 229
Movie Name: Untold the Back & Forth Story
index: 229
length: 848
MovieCount: 230
Movie Name: The Book of Ruth
200
index: 230
length: 848
MovieCount: 231
Movie Name: Odin vdokh
200
index: 231
length: 848
MovieCount: 232
Movie Name: Ted - Show Me Love
200
index: 232
length: 848
MovieCount: 233
Movie Name: Curtiz
200
index: 233
length: 848
MovieCount: 234
Movie Name: Dovlatov
200
index: 234
length: 848
MovieCount: 235
Movie Name: We
200
index: 235
length: 848
MovieCount: 236
Movie Name: Big Boys Don't Cry
200
index: 236
length: 848
MovieCount: 237
Movie Name: Yuli
200
index: 237
length: 848
MovieCount: 238
Movie Name: Resilient
200
index: 238
length: 848
MovieCount: 239
Movie Name: Baggio: The Divine Ponytail
200
index: 239
length: 848
MovieCount: 240
```

localhost:8888/nbconvert/html/Visha/MS details/Spring 2021/Data Foundation/Final Project/Scrape the biography Movie reviews.ipynb?download... 146/222

```
Movie Name: Pagten
200
index: 240
length: 848
MovieCount: 241
Movie Name: Kralj Petar I
200
index: 241
length: 848
MovieCount: 242
Movie Name: Ana e Vitória
index: 242
length: 848
MovieCount: 243
Movie Name: Adventures of a Mathematician
200
index: 243
length: 848
MovieCount: 244
Movie Name: Kurup
200
index: 244
length: 848
MovieCount: 245
Movie Name: The Passage
index: 245
length: 848
MovieCount: 246
Movie Name: Havel
200
index: 246
length: 848
MovieCount: 247
Movie Name: L'ombra di Caravaggio
200
index: 247
length: 848
MovieCount: 248
Movie Name: Paris Song
200
index: 248
length: 848
MovieCount: 249
Movie Name: Goalie
200
index: 249
length: 848
MovieCount: 250
Movie Name: Loro 2
200
index: 250
length: 848
MovieCount: 251
Movie Name: Toma
200
index: 251
length: 848
MovieCount: 252
Movie Name: Kardec
200
index: 252
length: 848
MovieCount: 253
```

```
Movie Name: Sin
200
index: 253
length: 848
MovieCount: 254
Movie Name: Shakeela
200
index: 254
length: 848
MovieCount: 255
Movie Name: Streltsov
200
index: 255
length: 848
MovieCount: 256
Movie Name: Mediterráneo
200
index: 256
length: 848
MovieCount: 257
Movie Name: Daffodils
200
index: 257
length: 848
MovieCount: 258
Movie Name: Break Every Chain
index: 258
length: 848
MovieCount: 259
Movie Name: Soorma
200
index: 259
length: 848
MovieCount: 260
Movie Name: You Know Him
200
index: 260
length: 848
MovieCount: 261
Movie Name: 7 Days: The story of Blind Dave Heeley
index: 261
length: 848
MovieCount: 262
Movie Name: Bruno Manser - Die Stimme des Regenwaldes
200
index: 262
length: 848
MovieCount: 263
Movie Name: The Other Side of Heaven 2: Fire of Faith
200
index: 263
length: 848
MovieCount: 264
Movie Name: Sniper
200
index: 264
length: 848
MovieCount: 265
Movie Name: Buñuel in the Labyrinth of the Turtles
200
index: 265
length: 848
```

```
Movie Name: Lev Yashin. Vratar moey mechty
200
index: 266
length: 848
MovieCount: 267
Movie Name: Nothing to Lose
200
index: 267
length: 848
MovieCount: 268
Movie Name: Chacrinha: O Velho Guerreiro
index: 268
length: 848
MovieCount: 269
Movie Name: La femme la plus assassinée du monde
200
index: 269
length: 848
MovieCount: 270
Movie Name: Sajjan Singh Rangroot
200
index: 270
length: 848
MovieCount: 271
Movie Name: Acute Misfortune
200
index: 271
length: 848
MovieCount: 272
Movie Name: Shabaash Mithu
200
index: 272
length: 848
MovieCount: 273
Movie Name: Anandi Gopal
200
index: 273
length: 848
MovieCount: 274
Movie Name: The Silent Natural
200
index: 274
length: 848
MovieCount: 275
Movie Name: Ice Cream in the Cupboard
200
index: 275
length: 848
MovieCount: 276
Movie Name: Thackeray
200
index: 276
length: 848
MovieCount: 277
Movie Name: Diana
200
index: 277
length: 848
MovieCount: 278
Movie Name: Dau
200
index: 278
length: 848
MovieCount: 279
```

```
Movie Name: Yatra
200
index: 279
length: 848
MovieCount: 280
Movie Name: Chasing the Dragon II: Wild Wild Bunch
200
index: 280
length: 848
MovieCount: 281
Movie Name: Kira & El Gin
index: 281
length: 848
MovieCount: 282
Movie Name: Camille
200
index: 282
length: 848
MovieCount: 283
Movie Name: Aadu Jeevitham
200
index: 283
length: 848
MovieCount: 284
Movie Name: Gul Makai
200
index: 284
length: 848
MovieCount: 285
Movie Name: I Am Zlatan
200
index: 285
length: 848
MovieCount: 286
Movie Name: Dnevnik Diane Budisavljevic
200
index: 286
length: 848
MovieCount: 287
Movie Name: One Man and His Shoes
200
index: 287
length: 848
MovieCount: 288
Movie Name: Counterpunch
200
index: 288
length: 848
MovieCount: 289
Movie Name: Hammamet
200
index: 289
length: 848
MovieCount: 290
Movie Name: Jay Sebring....Cutting to the Truth
index: 290
length: 848
MovieCount: 291
Movie Name: Hero on the Front
200
index: 291
length: 848
```

```
Movie Name: La Bolduc
200
index: 292
length: 848
MovieCount: 293
Movie Name: General
200
index: 293
length: 848
MovieCount: 294
Movie Name: Zhan shen ji
index: 294
length: 848
MovieCount: 295
Movie Name: #FriendButMarried 2
200
index: 295
length: 848
MovieCount: 296
Movie Name: Deadman Standing
200
index: 296
length: 848
MovieCount: 297
Movie Name: Main Mulayam Singh Yadav
index: 297
length: 848
MovieCount: 298
Movie Name: Jhund
200
index: 298
length: 848
MovieCount: 299
Movie Name: The Maestro
200
index: 299
length: 848
MovieCount: 300
Movie Name: Tortured for Christ
200
index: 300
length: 848
MovieCount: 301
Movie Name: Goyo: Ang Batang Heneral
200
index: 301
length: 848
MovieCount: 302
Movie Name: Lata Bhagwan Kare
200
index: 302
length: 848
MovieCount: 303
Movie Name: Borderline
200
index: 303
length: 848
MovieCount: 304
Movie Name: The Royal
200
index: 304
length: 848
```

```
Movie Name: Zátopek
200
index: 305
length: 848
MovieCount: 306
Movie Name: The Walk-On's
200
index: 306
length: 848
MovieCount: 307
Movie Name: Das melancholische Mädchen
index: 307
length: 848
MovieCount: 308
Movie Name: Mallesham
200
index: 308
length: 848
MovieCount: 309
Movie Name: Kralj
200
index: 309
length: 848
MovieCount: 310
Movie Name: Helene
200
index: 310
length: 848
MovieCount: 311
Movie Name: Susi Susanti: Love All
200
index: 311
length: 848
MovieCount: 312
Movie Name: Winter Journey
200
index: 312
length: 848
MovieCount: 313
Movie Name: Héctor el Father: Conocerás la Verdad
200
index: 313
length: 848
MovieCount: 314
Movie Name: Van Gogh
200
index: 314
length: 848
MovieCount: 315
Movie Name: DAU. Nora Mother
200
index: 315
length: 848
MovieCount: 316
Movie Name: Belyy sneg
200
index: 316
length: 848
MovieCount: 317
Movie Name: Habibie & Ainun 3
200
index: 317
length: 848
MovieCount: 318
```

```
Movie Name: The Storylines
200
index: 318
length: 848
MovieCount: 319
Movie Name: Brecht
200
index: 319
length: 848
MovieCount: 320
Movie Name: Il cattivo poeta
index: 320
length: 848
MovieCount: 321
Movie Name: Ahmet Iki Gözüm
200
index: 321
length: 848
MovieCount: 322
Movie Name: I Leonardo
200
index: 322
length: 848
MovieCount: 323
Movie Name: Rise of the Legend
index: 323
length: 848
MovieCount: 324
Movie Name: En komikers uppväxt
200
index: 324
length: 848
MovieCount: 325
Movie Name: Simone - Le voyage du siècle
200
index: 325
length: 848
MovieCount: 326
Movie Name: Suç Unsuru
200
index: 326
length: 848
MovieCount: 327
Movie Name: Sweet Pain
200
index: 327
length: 848
MovieCount: 328
Movie Name: Dakuaan Da Munda
200
index: 328
length: 848
MovieCount: 329
Movie Name: Miles Davis: Birth of the cool
200
index: 329
length: 848
MovieCount: 330
Movie Name: Palau the Movie
200
index: 330
length: 848
MovieCount: 331
```

```
Movie Name: Bimba Devi Alias Yashodhara
200
index: 331
length: 848
MovieCount: 332
Movie Name: NTR Kathanayakudu
200
index: 332
length: 848
MovieCount: 333
Movie Name: Junele Sihastru
index: 333
length: 848
MovieCount: 334
Movie Name: Poliorkia
200
index: 334
length: 848
MovieCount: 335
Movie Name: Fishing and Fishermen's Conversations
200
index: 335
length: 848
MovieCount: 336
Movie Name: Dreigroschenfilm
index: 336
length: 848
MovieCount: 337
Movie Name: Bhai - Vyakti Ki Valli 2
200
index: 337
length: 848
MovieCount: 338
Movie Name: Om Shri Satya Sai Baba
200
index: 338
length: 848
MovieCount: 339
Movie Name: ASTRUP - Flammen over Jølster
200
index: 339
length: 848
MovieCount: 340
Movie Name: Ikar. Legenda Mietka Kosza
200
index: 340
length: 848
MovieCount: 341
Movie Name: 91 Nights a Left to Tell story
200
index: 341
length: 848
MovieCount: 342
Movie Name: Zwingli
200
index: 342
length: 848
MovieCount: 343
Movie Name: Aami
200
index: 343
length: 848
MovieCount: 344
```

```
Movie Name: Så længe jeg lever
200
index: 344
length: 848
MovieCount: 345
Movie Name: Toman
200
index: 345
length: 848
MovieCount: 346
Movie Name: 72 Hours: Martyr Who Never Died
index: 346
length: 848
MovieCount: 347
Movie Name: Poppie Nongena
200
index: 347
length: 848
MovieCount: 348
Movie Name: Koko: A Red Dog Story
200
index: 348
length: 848
MovieCount: 349
Movie Name: Hürkus
200
index: 349
length: 848
MovieCount: 350
Movie Name: Subedar Joginder Singh
200
index: 350
length: 848
MovieCount: 351
Movie Name: The Cardinal
200
index: 351
length: 848
MovieCount: 352
Movie Name: Proceder
200
index: 352
length: 848
MovieCount: 353
Movie Name: Na rayone
200
index: 353
length: 848
MovieCount: 354
Movie Name: Pedro
200
index: 354
length: 848
MovieCount: 355
Movie Name: Mother Cabrini
200
index: 355
length: 848
MovieCount: 356
Movie Name: Gli anni amari
200
index: 356
length: 848
MovieCount: 357
```

Movie Name: The Woman Who Robbed the Stagecoach 200 index: 357 length: 848 MovieCount: 358 Movie Name: Pilsudski 200 index: 358 length: 848 MovieCount: 359 Movie Name: Mamma + Mamma index: 359 length: 848 MovieCount: 360 Movie Name: Budi Bog s nama 200 index: 360 length: 848 MovieCount: 361 Movie Name: Bonhoeffer: Holy Traitor 200 index: 361 length: 848 MovieCount: 362 Movie Name: #FriendsButMarried 200 index: 362 length: 848 MovieCount: 363 Movie Name: Dawn Raid 200 index: 363 length: 848 MovieCount: 364 Movie Name: NTR: Mahanayakudu 200 index: 364 length: 848 MovieCount: 365 Movie Name: Garrow 200 index: 365 length: 848 MovieCount: 366 Movie Name: Zwinglis Erbe 200 index: 366 length: 848 MovieCount: 367 Movie Name: Soledad 200 index: 367 length: 848 MovieCount: 368 Movie Name: Anna Nicole 200 index: 368 length: 848 MovieCount: 369 Movie Name: Sabina 200 index: 369 length: 848 MovieCount: 370

```
Movie Name: La source
200
index: 370
length: 848
MovieCount: 371
Movie Name: The Battle of Bhima Koregaon
200
index: 371
length: 848
MovieCount: 372
Movie Name: Nada a Perder 2
index: 372
length: 848
MovieCount: 373
Movie Name: Yellow River
200
index: 373
length: 848
MovieCount: 374
Movie Name: Amadeo
200
index: 374
length: 848
MovieCount: 375
Movie Name: Veljeni vartija
index: 375
length: 848
MovieCount: 376
Movie Name: The Champion
200
index: 376
length: 848
MovieCount: 377
Movie Name: Eva: Stories
200
index: 377
length: 848
MovieCount: 378
Movie Name: Olen suomalainen
200
index: 378
length: 848
MovieCount: 379
Movie Name: Dhuusar
200
index: 379
length: 848
MovieCount: 380
Movie Name: The Marcus Garvey Story
200
index: 380
length: 848
MovieCount: 381
Movie Name: Mugabe
200
index: 381
length: 848
MovieCount: 382
Movie Name: Juice
200
index: 382
length: 848
```

```
Movie Name: Guerrilla
200
index: 383
length: 848
MovieCount: 384
Movie Name: Tengaramon
200
index: 384
length: 848
MovieCount: 385
Movie Name: Untitled Pupi Avati/Dante Alighieri project
index: 385
length: 848
MovieCount: 386
Movie Name: Freddy
200
index: 386
length: 848
MovieCount: 387
Movie Name: Salgueiro Maia - O Implicado
200
index: 387
length: 848
MovieCount: 388
Movie Name: Il caso Pantani - L'omicidio di un campione
index: 388
length: 848
MovieCount: 389
Movie Name: Gholamreza Takhti
200
index: 389
length: 848
MovieCount: 390
Movie Name: Bato: The Gen. Ronald Dela Rosa Story
200
index: 390
length: 848
MovieCount: 391
Movie Name: Aika jonka sain
index: 391
length: 848
MovieCount: 392
Movie Name: Yumorist
200
index: 392
length: 848
MovieCount: 393
Movie Name: Olavi Virta
200
index: 393
length: 848
MovieCount: 394
Movie Name: Motorcycle Girl
200
index: 394
length: 848
MovieCount: 395
Movie Name: Exterior/Night
200
index: 395
length: 848
MovieCount: 396
```

Movie Name: Gierek 200 index: 396 length: 848 MovieCount: 397 Movie Name: Blanco 200 index: 397 length: 848 MovieCount: 398 Movie Name: Hokusai 200 index: 398 length: 848 MovieCount: 399 Movie Name: The Immortals Redeemed 200 index: 399 length: 848 MovieCount: 400 Movie Name: Jue sheng shi ke 200 index: 400 length: 848 MovieCount: 401 Movie Name: Figli del Destino index: 401 length: 848 MovieCount: 402 Movie Name: DSPGaming: The Movie 200 index: 402 length: 848 MovieCount: 403 Movie Name: Ekvtime: Man of God 200 index: 403 length: 848 MovieCount: 404 Movie Name: Ginnen Upan Seethala index: 404 length: 848 MovieCount: 405 Movie Name: Kurt 200 index: 405 length: 848 MovieCount: 406 Movie Name: Mori no iru basho 200 index: 406 length: 848 MovieCount: 407 Movie Name: The Good Thief 200 index: 407 length: 848 MovieCount: 408 Movie Name: Adam Sandler: Funny Guy 200 index: 408 length: 848 MovieCount: 409

```
Movie Name: Jack Jonah
200
index: 409
length: 848
MovieCount: 410
Movie Name: El Potro lo mejor del amor
200
index: 410
length: 848
MovieCount: 411
Movie Name: Selfie
200
index: 411
length: 848
MovieCount: 412
Movie Name: The Whalebone Box
200
index: 412
length: 848
MovieCount: 413
Movie Name: La estrella roja
200
index: 413
length: 848
MovieCount: 414
Movie Name: Bangabandhu
index: 414
length: 848
MovieCount: 415
Movie Name: Hebe: A Estrela do Brasil
200
index: 415
length: 848
MovieCount: 416
Movie Name: Mihkel
200
index: 416
length: 848
MovieCount: 417
Movie Name: Project Kahuta
200
index: 417
length: 848
MovieCount: 418
Movie Name: Divaldo: O Mensageiro da Paz
200
index: 418
length: 848
MovieCount: 419
Movie Name: E. M. Forster: His Longest Journey
200
index: 419
length: 848
MovieCount: 420
Movie Name: A Rush of Hope: Find Answers to Life's Questions
200
index: 420
length: 848
MovieCount: 421
Movie Name: I See You and You See Me
200
index: 421
length: 848
MovieCount: 422
```

```
Movie Name: Marcelino el mejor payaso del mundo
200
index: 422
length: 848
MovieCount: 423
Movie Name: Fabrizio De André: Principe libero
200
index: 423
length: 848
MovieCount: 424
Movie Name: Hunter in the Blue Side of Manchester
index: 424
length: 848
MovieCount: 425
Movie Name: Karen (Into Africa)
200
index: 425
length: 848
MovieCount: 426
Movie Name: Black Wall Street
200
index: 426
length: 848
MovieCount: 427
Movie Name: Cam
200
index: 427
length: 848
MovieCount: 428
Movie Name: The Lenin Factor
200
index: 428
length: 848
MovieCount: 429
Movie Name: Barabbas
200
index: 429
length: 848
MovieCount: 430
Movie Name: Timelife
200
index: 430
length: 848
MovieCount: 431
Movie Name: Minha Fama de Mau
200
index: 431
length: 848
MovieCount: 432
Movie Name: Simonal
200
index: 432
length: 848
MovieCount: 433
Movie Name: Jan Palach
200
index: 433
length: 848
MovieCount: 434
Movie Name: A Man Called Ahok
200
index: 434
length: 848
MovieCount: 435
```

```
Movie Name: Umakant Pandey Purush Ya
200
index: 435
length: 848
MovieCount: 436
Movie Name: Captain
200
index: 436
length: 848
MovieCount: 437
Movie Name: The Great Indian Escape
index: 437
length: 848
MovieCount: 438
Movie Name: Cypher
200
index: 438
length: 848
MovieCount: 439
Movie Name: Heroji Halijarda
200
index: 439
length: 848
MovieCount: 440
Movie Name: Augustine: Son of Her Tears
index: 440
length: 848
MovieCount: 441
Movie Name: Yo niña
200
index: 441
length: 848
MovieCount: 442
Movie Name: Tath Kana
200
index: 442
length: 848
MovieCount: 443
Movie Name: The Earned Life
200
index: 443
length: 848
MovieCount: 444
Movie Name: Merhaba Güzel Vatanim
200
index: 444
length: 848
MovieCount: 445
Movie Name: 27 Guns
200
index: 445
length: 848
MovieCount: 446
Movie Name: Iran The Blade Barkley 5th King
200
index: 446
length: 848
MovieCount: 447
Movie Name: Laleh (Drive)
200
index: 447
length: 848
MovieCount: 448
```

localhost:8888/nbconvert/html/Visha/MS details/Spring 2021/Data Foundation/Final Project/Scrape the biography Movie reviews.ipynb?download... 162/222

Movie Name: 717 200 index: 448 length: 848 MovieCount: 449 Movie Name: Hoffmaniada 200 index: 449 length: 848 MovieCount: 450 Movie Name: Casanovagen index: 450 length: 848 MovieCount: 451 Movie Name: Naan Petta Makan 200 index: 451 length: 848 MovieCount: 452 Movie Name: El Principe Rojo 200 index: 452 length: 848 MovieCount: 453 Movie Name: Me Too 200 index: 453 length: 848 MovieCount: 454 Movie Name: The Immortal President 200 index: 454 length: 848 MovieCount: 455 Movie Name: The Last Darling Bulgaria 200 index: 455 length: 848 MovieCount: 456 Movie Name: Oltre la bufera 200 index: 456 length: 848 MovieCount: 457 Movie Name: Carlo's American Dream 200 index: 457 length: 848 MovieCount: 458 Movie Name: Black Days 200 index: 458 length: 848 MovieCount: 459 Movie Name: Becoming Iconic 200 index: 459 length: 848 MovieCount: 460 Movie Name: Kaali Maati 200 index: 460 length: 848

MovieCount: 461

localhost:8888/nbconvert/html/Visha/MS details/Spring 2021/Data Foundation/Final Project/Scrape the biography Movie reviews.ipynb?download... 163/222

```
Movie Name: Golda's Balcony
200
index: 461
length: 848
MovieCount: 462
Movie Name: The Duchess of Criminality
200
index: 462
length: 848
MovieCount: 463
Movie Name: Uno di noi
index: 463
length: 848
MovieCount: 464
Movie Name: De sable et de feu
200
index: 464
length: 848
MovieCount: 465
Movie Name: Shashank
200
index: 465
length: 848
MovieCount: 466
Movie Name: D'illusion: The Houdini Musical
index: 466
length: 848
MovieCount: 467
Movie Name: Ruth
200
index: 467
length: 848
MovieCount: 468
Movie Name: Dilberay Küçük Dev Kadin
200
index: 468
length: 848
MovieCount: 469
Movie Name: A Journey
200
index: 469
length: 848
MovieCount: 470
Movie Name: Erik & Erika
200
index: 470
length: 848
MovieCount: 471
Movie Name: The Sholay Girl
200
index: 471
length: 848
MovieCount: 472
Movie Name: Exist Not Exist: Zero Tolerance for Silence
200
index: 472
length: 848
MovieCount: 473
Movie Name: Main Khudiram Bose Hun
200
index: 473
length: 848
MovieCount: 474
```

```
Movie Name: Mahalaya
200
index: 474
length: 848
MovieCount: 475
Movie Name: Angels of the North
200
index: 475
length: 848
MovieCount: 476
Movie Name: Kikka!
200
index: 476
length: 848
MovieCount: 477
Movie Name: Renklerde Kaybolan Hayat: Fikret Mualla
200
index: 477
length: 848
MovieCount: 478
Movie Name: Zaboronenyy
200
index: 478
length: 848
MovieCount: 479
Movie Name: Bula
200
index: 479
length: 848
MovieCount: 480
Movie Name: Rashtraputra
200
index: 480
length: 848
MovieCount: 481
Movie Name: Dream About Sohrab
200
index: 481
length: 848
MovieCount: 482
Movie Name: Pou sai more Nikitara
200
index: 482
length: 848
MovieCount: 483
Movie Name: Looking in the Mirror
200
index: 483
length: 848
MovieCount: 484
Movie Name: A Child of the King
200
index: 484
length: 848
MovieCount: 485
Movie Name: Afife
200
index: 485
length: 848
MovieCount: 486
Movie Name: Shaheed Bhai Kotwal
200
index: 486
length: 848
MovieCount: 487
```

```
Movie Name: Jattu Nikhattu
200
index: 487
length: 848
MovieCount: 488
Movie Name: Puratchi Thalaivi
200
index: 488
length: 848
MovieCount: 489
Movie Name: Dragon to Dragon
index: 489
length: 848
MovieCount: 490
Movie Name: Brainwashed
200
index: 490
length: 848
MovieCount: 491
Movie Name: The Final Sin
200
index: 491
length: 848
MovieCount: 492
Movie Name: No Pain in Vain: The Shocking Life of Steve-O
index: 492
length: 848
MovieCount: 493
Movie Name: Pourquoi Je Vis
200
index: 493
length: 848
MovieCount: 494
Movie Name: Chalakkudykkaran Changathy
200
index: 494
length: 848
MovieCount: 495
Movie Name: The Legend of Joan of Arc
index: 495
length: 848
MovieCount: 496
Movie Name: Kupala
200
index: 496
length: 848
MovieCount: 497
Movie Name: Gu tian jun hao
200
index: 497
length: 848
MovieCount: 498
Movie Name: Xiong di ban
200
index: 498
length: 848
MovieCount: 499
Movie Name: The Autobiography of Malcolm X: As Told to Alex Haley (Audible Original)
200
index: 499
length: 848
MovieCount: 500
```

```
Movie Name: Claret
200
index: 500
length: 848
MovieCount: 501
Movie Name: Valmentaja
200
index: 501
length: 848
MovieCount: 502
Movie Name: The Mother Eagle (Le Sang du pélican)
index: 502
length: 848
MovieCount: 503
Movie Name: JO The van Goghs' Widow
200
index: 503
length: 848
MovieCount: 504
Movie Name: Mandrake the Magician
200
index: 504
length: 848
MovieCount: 505
Movie Name: Otto Neururer - Hoffnungsvolle Finsternis
index: 505
length: 848
MovieCount: 506
Movie Name: CyberStalked
200
index: 506
length: 848
MovieCount: 507
Movie Name: Maureen O'Hara
200
index: 507
length: 848
MovieCount: 508
Movie Name: Hari Singh Nalwa - Champion of the Khalsa Ji
index: 508
length: 848
MovieCount: 509
Movie Name: Affairs on Capri
200
index: 509
length: 848
MovieCount: 510
Movie Name: The Rise of the Tiger
200
index: 510
length: 848
MovieCount: 511
Movie Name: Mozart in Love
200
index: 511
length: 848
MovieCount: 512
Movie Name: Butterfly
200
index: 512
length: 848
MovieCount: 513
```

```
Movie Name: Tanets s sablyami
200
index: 513
length: 848
MovieCount: 514
Movie Name: La pasión de Javier
200
index: 514
length: 848
MovieCount: 515
Movie Name: Unearthing
index: 515
length: 848
MovieCount: 516
Movie Name: The Loverdoses
200
index: 516
length: 848
MovieCount: 517
Movie Name: Occultus
200
index: 517
length: 848
MovieCount: 518
Movie Name: Devil's Life
200
index: 518
length: 848
MovieCount: 519
Movie Name: Watashi wa zettai yurusanai
200
index: 519
length: 848
MovieCount: 520
Movie Name: Dealings with the Downright Devious
200
index: 520
length: 848
MovieCount: 521
Movie Name: Home Cookin: 5.17.18
200
index: 521
length: 848
MovieCount: 522
Movie Name: Trip
200
index: 522
length: 848
MovieCount: 523
Movie Name: The Hill
200
index: 523
length: 848
MovieCount: 524
Movie Name: O Labirinto da Saudade
200
index: 524
length: 848
MovieCount: 525
Movie Name: Hiralal
200
index: 525
length: 848
MovieCount: 526
```

```
Movie Name: Untold the Aaliyah Story Back & Forth
200
index: 526
length: 848
MovieCount: 527
Movie Name: Dr Tatya Lahane Angaar Power is within
200
index: 527
length: 848
MovieCount: 528
Movie Name: Begirada
index: 528
length: 848
MovieCount: 529
Movie Name: El universo Montesinos
200
index: 529
length: 848
MovieCount: 530
Movie Name: The Kellie Maloney Story
200
index: 530
length: 848
MovieCount: 531
Movie Name: Shi fang
index: 531
length: 848
MovieCount: 532
Movie Name: Nehemiah: 'The Joy of Jehovah Is Your Stronghold'
200
index: 532
length: 848
MovieCount: 533
Movie Name: Wagner in Venice
200
index: 533
length: 848
MovieCount: 534
Movie Name: El chico del 98
200
index: 534
length: 848
MovieCount: 535
Movie Name: Vivimos para esa noche
200
index: 535
length: 848
MovieCount: 536
Movie Name: The story of Mary Queen of Scots
200
index: 536
length: 848
MovieCount: 537
Movie Name: DAD
200
index: 537
length: 848
MovieCount: 538
Movie Name: Sveta Petka - Krst u pustinji
200
index: 538
length: 848
MovieCount: 539
```

```
Movie Name: Bu Can Var Oldugu Sürece
200
index: 539
length: 848
MovieCount: 540
Movie Name: The Curse of Denton Rose
200
index: 540
length: 848
MovieCount: 541
Movie Name: El ultimo baile de Marilyn
index: 541
length: 848
MovieCount: 542
Movie Name: Enaiat - L'incredibile storia
200
index: 542
length: 848
MovieCount: 543
Movie Name: Boone
200
index: 543
length: 848
MovieCount: 544
Movie Name: Zhou Enlai Returned To Yanan
index: 544
length: 848
MovieCount: 545
Movie Name: The Maggie Dixon Story
200
index: 545
length: 848
MovieCount: 546
Movie Name: Hovory s TGM
200
index: 546
length: 848
MovieCount: 547
Movie Name: Lo perdido
200
index: 547
length: 848
MovieCount: 548
Movie Name: Eddie Murphy: Laugh 'Til it Hurts
200
index: 548
length: 848
MovieCount: 549
Movie Name: Astrid
200
index: 549
length: 848
MovieCount: 550
Movie Name: Darah Biru Arema 2
200
index: 550
length: 848
MovieCount: 551
Movie Name: The Tricky Part
200
index: 551
length: 848
MovieCount: 552
```

```
Movie Name: Cookster
200
index: 552
length: 848
MovieCount: 553
Movie Name: Lt. Ramsey's War
200
index: 553
length: 848
MovieCount: 554
Movie Name: Mughalsarai Junction
index: 554
length: 848
MovieCount: 555
Movie Name: Option C
200
index: 555
length: 848
MovieCount: 556
Movie Name: Appointed - The Story of George H. Murray
200
index: 556
length: 848
MovieCount: 557
Movie Name: Taras. Povernennya
index: 557
length: 848
MovieCount: 558
Movie Name: Bubbie's War
200
index: 558
length: 848
MovieCount: 559
Movie Name: Deendayal Ek Yug Purush
200
index: 559
length: 848
MovieCount: 560
Movie Name: El maestro que prometió el mar
index: 560
length: 848
MovieCount: 561
Movie Name: Give Kate A Voice
200
index: 561
length: 848
MovieCount: 562
Movie Name: Give me strength Joshua
200
index: 562
length: 848
MovieCount: 563
Movie Name: The Impossible Voyage
200
index: 563
length: 848
MovieCount: 564
Movie Name: Halftime Hero
200
index: 564
length: 848
MovieCount: 565
```

```
Movie Name: Moya
200
index: 565
length: 848
MovieCount: 566
Movie Name: Yan'an
200
index: 566
length: 848
MovieCount: 567
Movie Name: Nelson Carrilho I am a black sculptor
index: 567
length: 848
MovieCount: 568
Movie Name: Fighting for Postgraduate Entrance Examination
200
index: 568
length: 848
MovieCount: 569
Movie Name: Magdolna
200
index: 569
length: 848
MovieCount: 570
Movie Name: Chandraboti Kotha
200
index: 570
length: 848
MovieCount: 571
Movie Name: All In: The Dan Bilzerian Story
200
index: 571
length: 848
MovieCount: 572
Movie Name: Seerum Puli
200
index: 572
length: 848
MovieCount: 573
Movie Name: Borderless
200
index: 573
length: 848
MovieCount: 574
Movie Name: Traffic Ramasamy
200
index: 574
length: 848
MovieCount: 575
Movie Name: Full film deepfake. By Vnuk Elkina: Don't threat to younger debil sitting in
the sorrow of the chernobyl.
200
index: 575
length: 848
MovieCount: 576
Movie Name: Jako letní sníh
200
index: 576
length: 848
MovieCount: 577
Movie Name: Now and Not Later - Embrace the Moment
200
index: 577
length: 848
```

```
MovieCount: 578
Movie Name: Paatra
200
index: 578
length: 848
MovieCount: 579
Movie Name: Racing with the Angels
index: 579
length: 848
MovieCount: 580
Movie Name: The Legacy of Gilbert Klingel: Man of Steel
200
index: 580
length: 848
MovieCount: 581
Movie Name: A Motion Selfie
200
index: 581
length: 848
MovieCount: 582
Movie Name: Equally Friends
200
index: 582
length: 848
MovieCount: 583
Movie Name: The Islands: Betrayal
200
index: 583
length: 848
MovieCount: 584
Movie Name: Leader of the Path
200
index: 584
length: 848
MovieCount: 585
Movie Name: Stato di ebbrezza
200
index: 585
length: 848
MovieCount: 586
Movie Name: Johannes Pääsukese tõeline elu
200
index: 586
length: 848
MovieCount: 587
Movie Name: Life After
200
index: 587
length: 848
MovieCount: 588
Movie Name: My Hero Kalam
200
index: 588
length: 848
MovieCount: 589
Movie Name: Foxy
200
index: 589
length: 848
MovieCount: 590
Movie Name: Rudane
200
index: 590
length: 848
```

localhost:8888/nbconvert/html/Visha/MS details/Spring 2021/Data Foundation/Final Project/Scrape the biography Movie reviews.ipynb?download... 173/222

MovieCount: 591 Movie Name: A Fonder Heart 200 index: 591 length: 848 MovieCount: 592 Movie Name: Wendo Musaly 200 index: 592 length: 848 MovieCount: 593 Movie Name: Makrifat Cinta 200 index: 593 length: 848 MovieCount: 594 Movie Name: A Biography of Great Proportions 200 index: 594 length: 848 MovieCount: 595 Movie Name: Code of Tumas 200 index: 595 length: 848 MovieCount: 596 Movie Name: Portrait Jonas Lohrmann 200 index: 596 length: 848 MovieCount: 597 Movie Name: Our Catherine 200 index: 597 length: 848 MovieCount: 598 Movie Name: Door Ajar - Feature Film 200 index: 598 length: 848 MovieCount: 599 Movie Name: Asthi the Ashes 200 index: 599 length: 848 MovieCount: 600 Movie Name: 08.20 200 index: 600 length: 848 MovieCount: 601 Movie Name: Looby 200 index: 601 length: 848 MovieCount: 602 Movie Name: Sammy-Gate 200 index: 602 length: 848 MovieCount: 603 Movie Name: AmarJyoti AkkaMahadevi 200 index: 603

length: 848

```
MovieCount: 604
Movie Name: Antoni Gaudí
200
index: 604
length: 848
MovieCount: 605
Movie Name: Kaye Ballard - The Show Goes On
index: 605
length: 848
MovieCount: 606
Movie Name: The AppleMauf Christmas Movie
200
index: 606
length: 848
MovieCount: 607
Movie Name: Untold the Aaliyah Story Back & Was Forth
200
index: 607
length: 848
MovieCount: 608
Movie Name: Il Nostro Papa
200
index: 608
length: 848
MovieCount: 609
Movie Name: Time Capsule 1969
200
index: 609
length: 848
MovieCount: 610
Movie Name: I Will
200
index: 610
length: 848
MovieCount: 611
Movie Name: Twice As Strong: Planeswalker: The Final Chapter
200
index: 611
length: 848
MovieCount: 612
Movie Name: Melina stop kare: Anazitontas ti syghroni ellinikotita
200
index: 612
length: 848
MovieCount: 613
Movie Name: Suteki na dainamaito sukyandaru
200
index: 613
length: 848
MovieCount: 614
Movie Name: Mistaken
200
index: 614
length: 848
MovieCount: 615
Movie Name: El teorema de Mosner
200
index: 615
length: 848
MovieCount: 616
Movie Name: Blind Rocks
200
index: 616
length: 848
```

localhost:8888/nbconvert/html/Visha/MS details/Spring 2021/Data Foundation/Final Project/Scrape the biography Movie reviews.ipynb?download... 175/222

```
MovieCount: 617
Movie Name: Secrets of love (SOL)
200
index: 617
length: 848
MovieCount: 618
Movie Name: Ek Sangharsh Mastercha
index: 618
length: 848
MovieCount: 619
Movie Name: When Nuvolari Runs: The Flying Mantuan
200
index: 619
length: 848
MovieCount: 620
Movie Name: Walking the Park with Walt
200
index: 620
length: 848
MovieCount: 621
Movie Name: Miguel Mañara
200
index: 621
length: 848
MovieCount: 622
Movie Name: President Joe Biden: Not Your Average Joe
200
index: 622
length: 848
MovieCount: 623
Movie Name: Life of Ayinde Starling
200
index: 623
length: 848
MovieCount: 624
Movie Name: Limit
200
index: 624
length: 848
MovieCount: 625
Movie Name: On Greene
200
index: 625
length: 848
MovieCount: 626
Movie Name: Jumprava: Lielais notikums
200
index: 626
length: 848
MovieCount: 627
Movie Name: L'ultimo uomo che dipinse il cinema
200
index: 627
length: 848
MovieCount: 628
Movie Name: Ilk Adim: 1919
200
index: 628
length: 848
MovieCount: 629
Movie Name: Stomping in Puddles
200
index: 629
length: 848
```

```
MovieCount: 630
Movie Name: Jacob A. Riis
200
index: 630
length: 848
MovieCount: 631
Movie Name: Naming Names
200
index: 631
length: 848
MovieCount: 632
Movie Name: Babu Bhaijan
200
index: 632
length: 848
MovieCount: 633
Movie Name: The Calling
200
index: 633
length: 848
MovieCount: 634
Movie Name: Birendra Krishna Bhadra
200
index: 634
length: 848
MovieCount: 635
Movie Name: S.P.E.E.D.
200
index: 635
length: 848
MovieCount: 636
Movie Name: Chain of Life: The Rick Boyle Story
200
index: 636
length: 848
MovieCount: 637
Movie Name: The Skin of My Father
200
index: 637
length: 848
MovieCount: 638
Movie Name: Shaheed- E- Aazam
200
index: 638
length: 848
MovieCount: 639
Movie Name: The Real Founder
200
index: 639
length: 848
MovieCount: 640
Movie Name: Il conte magico
200
index: 640
length: 848
MovieCount: 641
Movie Name: What Men Don't Know About Women
200
index: 641
length: 848
MovieCount: 642
Movie Name: Ultimate Fighter
200
index: 642
length: 848
```

```
MovieCount: 643
Movie Name: Benden Hikâyesi
200
index: 643
length: 848
MovieCount: 644
Movie Name: Upside down
200
index: 644
length: 848
MovieCount: 645
Movie Name: Henry V
200
index: 645
length: 848
MovieCount: 646
Movie Name: Father of Independence: DS Nidhasa Piya
200
index: 646
length: 848
MovieCount: 647
Movie Name: Mai Ghat: Crime No 103/2005
200
index: 647
length: 848
MovieCount: 648
Movie Name: Dos-Mukasan
200
index: 648
length: 848
MovieCount: 649
Movie Name: Teresa Had A Dream
200
index: 649
length: 848
MovieCount: 650
Movie Name: Fellini e l'Ombra
200
index: 650
length: 848
MovieCount: 651
Movie Name: 101 Reys
200
index: 651
length: 848
MovieCount: 652
Movie Name: Tsoy zhiv
200
index: 652
length: 848
MovieCount: 653
Movie Name: Manasige Mutthittalu
200
index: 653
length: 848
MovieCount: 654
Movie Name: Tayemnyy shchodennyk Symona Petlyury
200
index: 654
length: 848
MovieCount: 655
Movie Name: Damascena. Prehodat
200
index: 655
```

localhost:8888/nbconvert/html/Visha/MS details/Spring 2021/Data Foundation/Final Project/Scrape the biography Movie reviews.ipynb?download... 178/222

length: 848

```
MovieCount: 656
Movie Name: Demi Waktu
200
index: 656
length: 848
MovieCount: 657
Movie Name: Terbang: Menembus Langit
index: 657
length: 848
MovieCount: 658
Movie Name: 20 Years of The Naked Chef: Jamie Bares All
200
index: 658
length: 848
MovieCount: 659
Movie Name: Stars in Memoriam: Steve Lee
200
index: 659
length: 848
MovieCount: 660
Movie Name: William Shakespeare
200
index: 660
length: 848
MovieCount: 661
Movie Name: Sherlock Holmes: Unravel the Mystery
200
index: 661
length: 848
MovieCount: 662
Movie Name: Osho
200
index: 662
length: 848
MovieCount: 663
Movie Name: Babe West
200
index: 663
length: 848
MovieCount: 664
Movie Name: El Enigma Agustina
200
index: 664
length: 848
MovieCount: 665
Movie Name: BB King: The King of the Blues
200
index: 665
length: 848
MovieCount: 666
Movie Name: Oblepikhovoe leto
200
index: 666
length: 848
MovieCount: 667
Movie Name: A Conversation with Hazel Henderson
200
index: 667
length: 848
MovieCount: 668
Movie Name: Kollowalla
200
index: 668
length: 848
```

localhost:8888/nbconvert/html/Visha/MS details/Spring 2021/Data Foundation/Final Project/Scrape the biography Movie reviews.ipynb?download... 179/222

```
MovieCount: 669
Movie Name: Illuminate Rita Levi Montalcini
200
index: 669
length: 848
MovieCount: 670
Movie Name: La Médium del Venerable
200
index: 670
length: 848
MovieCount: 671
Movie Name: Ranabhoomi
200
index: 671
length: 848
MovieCount: 672
Movie Name: Lillian Smith: Breaking the Silence
200
index: 672
length: 848
MovieCount: 673
Movie Name: Vidyapeeth
200
index: 673
length: 848
MovieCount: 674
Movie Name: Üres lovak
200
index: 674
length: 848
MovieCount: 675
Movie Name: HWY 1 to Oneness
200
index: 675
length: 848
MovieCount: 676
Movie Name: Narges Mast
200
index: 676
length: 848
MovieCount: 677
Movie Name: Maurizio - Il Sarrismo: una Meravigliosa Anomalia
200
index: 677
length: 848
MovieCount: 678
Movie Name: My Sweet Buttercup
200
index: 678
length: 848
MovieCount: 679
Movie Name: O Sequestro do Voo 375
200
index: 679
length: 848
MovieCount: 680
Movie Name: Kapayapaan sa gitna ng digmaan
200
index: 680
length: 848
MovieCount: 681
Movie Name: Oltre: Un tributo a Massimo Scaligero
200
index: 681
length: 848
```

```
MovieCount: 682
Movie Name: Chu Teh-Chun
200
index: 682
length: 848
MovieCount: 683
Movie Name: La Biographie Inventée
index: 683
length: 848
MovieCount: 684
Movie Name: Descubriendo a José Padilla
200
index: 684
length: 848
MovieCount: 685
Movie Name: The Michael Jackson Magical Moon-Tour
200
index: 685
length: 848
MovieCount: 686
Movie Name: Trixie
200
index: 686
length: 848
MovieCount: 687
Movie Name: Marcus
200
index: 687
length: 848
MovieCount: 688
Movie Name: Akif
200
index: 688
length: 848
MovieCount: 689
Movie Name: Lectura Ovidii
200
index: 689
length: 848
MovieCount: 690
Movie Name: Ludovico De Luigi Svedutista Visionario Veneziano
200
index: 690
length: 848
MovieCount: 691
Movie Name: The MisAdventures of Wild Bill Elliott
200
index: 691
length: 848
MovieCount: 692
Movie Name: The Shape-Shifter: Muldoon Elder: Interviews and Images
200
index: 692
length: 848
MovieCount: 693
Movie Name: Socrates Apology
200
index: 693
length: 848
MovieCount: 694
Movie Name: 69 Detik
200
index: 694
length: 848
```

localhost:8888/nbconvert/html/Visha/MS details/Spring 2021/Data Foundation/Final Project/Scrape the biography Movie reviews.ipynb?download... 181/222

MovieCount: 695 Movie Name: My Father Mujib 200 index: 695 length: 848

MovieCount: 696

Movie Name: Eastern Horse

200

index: 696 length: 848 MovieCount: 697 Movie Name: Padmini

200

index: 697 length: 848 MovieCount: 698

Movie Name: Way to Paris

200

index: 698 length: 848 MovieCount: 699

Movie Name: Schurjin El Pintor

200

index: 699 length: 848 MovieCount: 700

Movie Name: The Fashion Hero

200

index: 700 length: 848 MovieCount: 701

Movie Name: State vs Justice

200

index: 701 length: 848 MovieCount: 702

Movie Name: Giovanni's

200

index: 702 length: 848 MovieCount: 703 Movie Name: The Quilt

200

index: 703 length: 848 MovieCount: 704

Movie Name: Shakespeare

200

index: 704 length: 848 MovieCount: 705

Movie Name: Untitled Monkees Project

200

index: 705 length: 848 MovieCount: 706

Movie Name: Plastikiniu rumu zmones

200

index: 706 length: 848 MovieCount: 707 Movie Name: De

200

index: 707 length: 848

```
MovieCount: 708
Movie Name: You Are Mythical
200
index: 708
length: 848
MovieCount: 709
Movie Name: SYLVESTER BOTH SIDES
200
index: 709
length: 848
MovieCount: 710
Movie Name: Ruhani Rahibar- Sachho Satram
200
index: 710
length: 848
MovieCount: 711
Movie Name: Neverland
200
index: 711
length: 848
MovieCount: 712
Movie Name: Legacy
200
index: 712
length: 848
MovieCount: 713
Movie Name: Skrivnosti z Beethovnove ulice
200
index: 713
length: 848
MovieCount: 714
Movie Name: Baokchambab
200
index: 714
length: 848
MovieCount: 715
Movie Name: Hayvan
200
index: 715
length: 848
MovieCount: 716
Movie Name: Trouble
200
index: 716
length: 848
MovieCount: 717
Movie Name: Valle Inclán y Julio Romero de Torres un pintor para una ciudad.
200
index: 717
length: 848
MovieCount: 718
Movie Name: Voyageuse
200
index: 718
length: 848
MovieCount: 719
Movie Name: Fauja
200
index: 719
length: 848
MovieCount: 720
Movie Name: La primera toga
200
index: 720
length: 848
```

```
MovieCount: 721
Movie Name: Fuck Haneke
200
index: 721
length: 848
MovieCount: 722
Movie Name: Foil
200
index: 722
length: 848
MovieCount: 723
Movie Name: Starring Sharmila Tagore
200
index: 723
length: 848
MovieCount: 724
Movie Name: Universidade de Coimbra Alta e Sofia: Vamos Descobrir?
200
index: 724
length: 848
MovieCount: 725
Movie Name: Nil Cokhe
200
index: 725
length: 848
MovieCount: 726
Movie Name: Entierro
200
index: 726
length: 848
MovieCount: 727
Movie Name: Cankar
200
index: 727
length: 848
MovieCount: 728
Movie Name: Soy EduTuber
200
index: 728
length: 848
MovieCount: 729
Movie Name: Golpo Kotha
200
index: 729
length: 848
MovieCount: 730
Movie Name: Mere Jinvar Mere Guruvar
200
index: 730
length: 848
MovieCount: 731
Movie Name: Diomar
200
index: 731
length: 848
MovieCount: 732
Movie Name: Scarred
200
index: 732
length: 848
MovieCount: 733
Movie Name: Lion in the Basement
200
index: 733
length: 848
```

localhost:8888/nbconvert/html/Visha/MS details/Spring 2021/Data Foundation/Final Project/Scrape the biography Movie reviews.ipynb?download... 184/222

```
MovieCount: 734
Movie Name: Put lidera. V epitsentre mira
200
index: 734
length: 848
MovieCount: 735
Movie Name: Qajymuqan
200
index: 735
length: 848
MovieCount: 736
Movie Name: Your Consideration
200
index: 736
length: 848
MovieCount: 737
Movie Name: Vidas Embarcadas
200
index: 737
length: 848
MovieCount: 738
Movie Name: From the Cold Streets to the Hot Lights
200
index: 738
length: 848
MovieCount: 739
Movie Name: In Greene
200
index: 739
length: 848
MovieCount: 740
Movie Name: Soñando Un Lugar
200
index: 740
length: 848
MovieCount: 741
Movie Name: San Telmo Tapes
200
index: 741
length: 848
MovieCount: 742
Movie Name: Guru ji: Ahead of time
200
index: 742
length: 848
MovieCount: 743
Movie Name: Tihi veceri
200
index: 743
length: 848
MovieCount: 744
Movie Name: Do You Love Me (Documentary)
200
index: 744
length: 848
MovieCount: 745
Movie Name: Between Time and Space
200
index: 745
length: 848
MovieCount: 746
Movie Name: Spider Murphy Gang - Glory Days of Rock 'n' Roll
200
index: 746
length: 848
```

```
MovieCount: 747
Movie Name: La corda spezzata
200
index: 747
length: 848
MovieCount: 748
Movie Name: The Running Boys
index: 748
length: 848
MovieCount: 749
Movie Name: Migraine Documentary
200
index: 749
length: 848
MovieCount: 750
Movie Name: Alberto Greco obra fuera de catálogo
200
index: 750
length: 848
MovieCount: 751
Movie Name: Mata
200
index: 751
length: 848
MovieCount: 752
Movie Name: Dalla Folgore ai Gruppi di Combattimento
200
index: 752
length: 848
MovieCount: 753
Movie Name: La morale della favola
200
index: 753
length: 848
MovieCount: 754
Movie Name: Aekh
200
index: 754
length: 848
MovieCount: 755
Movie Name: Humans Being
200
index: 755
length: 848
MovieCount: 756
Movie Name: My Daddy ?
200
index: 756
length: 848
MovieCount: 757
Movie Name: Cenestesia
200
index: 757
length: 848
MovieCount: 758
Movie Name: The Rags of Time: J. Robert Oppenheimer
200
index: 758
length: 848
MovieCount: 759
Movie Name: 16 Women/16 Zan
200
index: 759
length: 848
```

localhost:8888/nbconvert/html/Visha/MS details/Spring 2021/Data Foundation/Final Project/Scrape the biography Movie reviews.ipynb?download... 186/222

MovieCount: 760 Movie Name: Washington's Cross 200 index: 760 length: 848 MovieCount: 761 Movie Name: WMTv17 200 index: 761 length: 848 MovieCount: 762 Movie Name: The Long Road Home 200 index: 762 length: 848 MovieCount: 763 Movie Name: The Israelites 200 index: 763 length: 848 MovieCount: 764 Movie Name: A castle with red walls 200 index: 764 length: 848 MovieCount: 765 Movie Name: Shri Laxminath Gosai 200 index: 765 length: 848 MovieCount: 766 Movie Name: The Great Patriot 200 index: 766 length: 848 MovieCount: 767 Movie Name: Lima Barreto - Ao Terceiro Dia 200 index: 767 length: 848 MovieCount: 768 Movie Name: Final Change 200 index: 768 length: 848 MovieCount: 769 Movie Name: Ernst Wilhelm Arnoldi 200 index: 769 length: 848 MovieCount: 770 Movie Name: Magamról 200 index: 770 length: 848 MovieCount: 771 Movie Name: Viaje Interior 200 index: 771 length: 848 MovieCount: 772 Movie Name: Artist Police

200 index: 772

length: 848

```
MovieCount: 773
Movie Name: The Furnace
200
index: 773
length: 848
MovieCount: 774
Movie Name: Content of Character: Diary of a Young Black Girl
index: 774
length: 848
MovieCount: 775
Movie Name: Bollywood Zindabad
200
index: 775
length: 848
MovieCount: 776
Movie Name: Duktigt David duktigt! - Nice David nice!
200
index: 776
length: 848
MovieCount: 777
Movie Name: Narayana
200
index: 777
length: 848
MovieCount: 778
Movie Name: Allison Does Shock Stock 2019 Vlog
200
index: 778
length: 848
MovieCount: 779
Movie Name: Quo Vadis? I
200
index: 779
length: 848
MovieCount: 780
Movie Name: Ninguém É Perfeito
200
index: 780
length: 848
MovieCount: 781
Movie Name: Radiance
200
index: 781
length: 848
MovieCount: 782
Movie Name: Skateboarding Revelations: Journey to the Final Level
200
index: 782
length: 848
MovieCount: 783
Movie Name: Alles Goed: From Gunung Kidul to Europe
200
index: 783
length: 848
MovieCount: 784
Movie Name: White Flag
200
index: 784
length: 848
MovieCount: 785
Movie Name: Ye qu chen lai
200
index: 785
length: 848
```

```
MovieCount: 786
Movie Name: Fumes of Fury
200
index: 786
length: 848
MovieCount: 787
Movie Name: Quimey
200
index: 787
length: 848
MovieCount: 788
Movie Name: A Master's Path
200
index: 788
length: 848
MovieCount: 789
Movie Name: Bastard karma
200
index: 789
length: 848
MovieCount: 790
Movie Name: One Last Composition
200
index: 790
length: 848
MovieCount: 791
Movie Name: Doctor C
200
index: 791
length: 848
MovieCount: 792
Movie Name: Heinrich Neuy - life and aspiration
200
index: 792
length: 848
MovieCount: 793
Movie Name: Untitled Samy Molcho Biopic
200
index: 793
length: 848
MovieCount: 794
Movie Name: Episodes Of
200
index: 794
length: 848
MovieCount: 795
Movie Name: Port Flor de Lis
200
index: 795
length: 848
MovieCount: 796
Movie Name: Hotel Daley
200
index: 796
length: 848
MovieCount: 797
Movie Name: Zucchero: Nudo e Crudo (Naked & Raw)
200
index: 797
length: 848
MovieCount: 798
Movie Name: Quimey
200
index: 798
```

length: 848

```
MovieCount: 799
Movie Name: Lukasiewicz - nafciarz romantyk
200
index: 799
length: 848
MovieCount: 800
Movie Name: Gilbert: Héroe de dos pueblos
index: 800
length: 848
MovieCount: 801
Movie Name: Fly
200
index: 801
length: 848
MovieCount: 802
Movie Name: Make/Believe
200
index: 802
length: 848
MovieCount: 803
Movie Name: Frederic Chopin and la Nouvelle Athènes
200
index: 803
length: 848
MovieCount: 804
Movie Name: Romano Cagnoni - War Photogapher
200
index: 804
length: 848
MovieCount: 805
Movie Name: Visconti's Eagles
200
index: 805
length: 848
MovieCount: 806
Movie Name: Phalaris's Bull: Solving the Riddle of the Great Big World
200
index: 806
length: 848
MovieCount: 807
Movie Name: Amare Kandaiya
200
index: 807
length: 848
MovieCount: 808
Movie Name: Bses Slwl I: The Musical Journey
200
index: 808
length: 848
MovieCount: 809
Movie Name: No Reason to Exist
200
index: 809
length: 848
MovieCount: 810
Movie Name: Play Pretty the Buddy Prima Story
200
index: 810
length: 848
MovieCount: 811
Movie Name: Tereza - Náboj lásky
200
index: 811
length: 848
```

localhost:8888/nbconvert/html/Visha/MS details/Spring 2021/Data Foundation/Final Project/Scrape the biography Movie reviews.ipynb?download... 190/222

```
MovieCount: 812
Movie Name: Womanhattan
200
index: 812
length: 848
MovieCount: 813
Movie Name: Il mare di Gabriele
200
index: 813
length: 848
MovieCount: 814
Movie Name: 17 Days in September
200
index: 814
length: 848
MovieCount: 815
Movie Name: El Caníbal
200
index: 815
length: 848
MovieCount: 816
Movie Name: Qaff Studio Madh One
200
index: 816
length: 848
MovieCount: 817
Movie Name: Lost Time Matador
200
index: 817
length: 848
MovieCount: 818
Movie Name: An Edge U-Cated Guess
200
index: 818
length: 848
MovieCount: 819
Movie Name: Anurag Maurya Act
200
index: 819
length: 848
MovieCount: 820
Movie Name: Vivekananda-1
200
index: 820
length: 848
MovieCount: 821
Movie Name: Cani eroi
200
index: 821
length: 848
MovieCount: 822
Movie Name: Dream of Karl Ivanovich
200
index: 822
length: 848
MovieCount: 823
Movie Name: Bassil'ora
200
index: 823
length: 848
MovieCount: 824
Movie Name: St. Joseph Freinademetz: The First Saint to Ever Serve in Hong Kong
200
index: 824
length: 848
```

```
MovieCount: 825
Movie Name: Wo Jo Tha EK Messiah Maulana Azad
200
index: 825
length: 848
MovieCount: 826
Movie Name: Vivekananda -2
200
index: 826
length: 848
MovieCount: 827
Movie Name: Outlier: The Donatus Awudu Story
200
index: 827
length: 848
MovieCount: 828
Movie Name: Sarala Virala
200
index: 828
length: 848
MovieCount: 829
Movie Name: Armando Trovajoli: Cent'anni di musica
200
index: 829
length: 848
MovieCount: 830
Movie Name: Chris Vos op weg naar Pychang
200
index: 830
length: 848
MovieCount: 831
Movie Name: Stolen Glory: The Tale of Porky Brooke
200
index: 831
length: 848
MovieCount: 832
Movie Name: Celia y Miguel caminos opuestos
200
index: 832
length: 848
MovieCount: 833
Movie Name: Barry Jones In Search of Lost Time - A Film Story
200
index: 833
length: 848
MovieCount: 834
Movie Name: Rasskazhite o sebe
200
index: 834
length: 848
MovieCount: 835
Movie Name: Maryam of Tsyon - Cap II Theotokos
200
index: 835
length: 848
MovieCount: 836
Movie Name: Maryam of Tsyon - Cap III Assumpta est in Caelum
200
index: 836
length: 848
MovieCount: 837
Movie Name: Reconnaissance
200
index: 837
length: 848
```

localhost:8888/nbconvert/html/Visha/MS details/Spring 2021/Data Foundation/Final Project/Scrape the biography Movie reviews.ipynb?download... 192/222

```
MovieCount: 838
Movie Name: Jiwan Kanda Ki Phool
200
index: 838
length: 848
MovieCount: 839
Movie Name: Claude François le dernier pharaon
index: 839
length: 848
MovieCount: 840
Movie Name: L'estate di Gino
200
index: 840
length: 848
MovieCount: 841
Movie Name: Plantain
200
index: 841
length: 848
MovieCount: 842
Movie Name: Windcatcher Dream
200
index: 842
length: 848
MovieCount: 843
Movie Name: Brendan Grace: Funny Man
200
index: 843
length: 848
MovieCount: 844
Movie Name: The Remote Daughter
200
index: 844
length: 848
MovieCount: 845
Movie Name: Anime notturne
200
index: 845
length: 848
MovieCount: 846
Movie Name: Iz nesigurnosti u neizvjesnost
200
index: 846
length: 848
MovieCount: 847
Movie Name: Saturday's Children
200
index: 847
length: 848
MovieCount: 848
Movie Name: Young Fame
200
```

Scraping All the Reviews takes longer time . So I have placed the code below to scraped around 120 reviews and placed the file separately for different year grouping. Below are the File Names with Different year Movie reviews. 1)Review_2010.csv 2)Review_2011.csv 3)Review_2012.csv 4)Review_2013.csv 4)Review_2014.csv 6)Review_2015_2017.csv 7)Review_2018.csv 8)Review_2019.csv 9)Review_2020.csv 10)Review_2021.csv

```
In [8]:
         # Code To scrape the 500 reviews for every Biography movie whose release year > 2010
         movie_count=0
         for index, movie in movie 2021 df.iterrows():
```

```
movie_count+=1
    if index < len(movie 2021 df):</pre>
         print("index:", index)
         print("length:",len(movie_2021_df))
         count = 0
         load_more_url_ajax = set()
        movie name file = movie['Movie name']
         print('MovieCount:',movie count)
         print('Movie Name:',movie_name_file)
         load_more_url_ajax.add(movie['Review_url']+review_ajax)
         driver = webdriver.Chrome()
         driver.maximize window()
         driver.get(movie['Review url'])
        while True:
             try:
                 ActionChains(driver).move_to_element(WebDriverWait(driver, 5).until(EC.
                 print("LOAD MORE RESULTS button clicked")
                 soup = BeautifulSoup(driver.page_source, 'html.parser')
                 load_more_url_ajax.add(check_Load_more(soup))
                 if count >5:
                     break
             except ElementNotInteractableException:
                 print("No element interactable Reached bottom of page")
                 break
             except NoSuchElementException:
                 print("no such element Reached bottom of page")
                 break
             except TimeoutException:
                 print("No more LOAD MORE RESULTS button to be clicked")
                 break
         driver.quit()
           print(load more url ajax)
         for url in load_more_url_ajax:
               print("url: ", url)
             Review_page_response,review_content = get_webpage_content(url)
             Rev_res_code=int(re.findall(r"[0-9]+", str(Review_page_response))[0])
               print(Rev res code)
             if (Rev res code>=200 | Rev res code<300):</pre>
                 get_review_details(movie_name_file,review_content)
             else:
                 print("No Review Available")
       break
index: 0
```

```
length: 156
MovieCount: 1
Movie Name: Judas and the Black Messiah
LOAD MORE RESULTS button clicked
index: 1
length: 156
MovieCount: 2
Movie Name: The Big Bull
LOAD MORE RESULTS button clicked
LOAD MORE RESULTS button clicked
LOAD MORE RESULTS button clicked
```

LOAD MORE RESULTS button clicked LOAD MORE RESULTS button clicked LOAD MORE RESULTS button clicked index: 2 length: 156 MovieCount: 3 Movie Name: The Dig LOAD MORE RESULTS button clicked index: 3 length: 156 MovieCount: 4 Movie Name: Madame Claude LOAD MORE RESULTS button clicked No more LOAD MORE RESULTS button to be clicked index: 4 length: 156 MovieCount: 5 Movie Name: The United States vs. Billie Holiday LOAD MORE RESULTS button clicked No more LOAD MORE RESULTS button to be clicked index: 5 length: 156 MovieCount: 6 Movie Name: Blonde No more LOAD MORE RESULTS button to be clicked index: 6 length: 156 MovieCount: 7 Movie Name: Creation Stories No more LOAD MORE RESULTS button to be clicked index: 7 length: 156 MovieCount: 8 Movie Name: Respect No more LOAD MORE RESULTS button to be clicked index: 8 length: 156 MovieCount: 9 Movie Name: Maestro No more LOAD MORE RESULTS button to be clicked index: 9 length: 156 MovieCount: 10 Movie Name: Saina LOAD MORE RESULTS button clicked index: 10 length: 156 MovieCount: 11 Movie Name: The Electrical Life of Louis Wain No more LOAD MORE RESULTS button to be clicked

index: 11

length: 156 MovieCount: 12 Movie Name: Kaagaz

LOAD MORE RESULTS button clicked LOAD MORE RESULTS button clicked

index: 12 length: 156 MovieCount: 13

Movie Name: tick tick...Boom!

No more LOAD MORE RESULTS button to be clicked

index: 13 length: 156 MovieCount: 14

Movie Name: The Eyes of Tammy Faye

No more LOAD MORE RESULTS button to be clicked

index: 14 length: 156 MovieCount: 15 Movie Name: Major

No more LOAD MORE RESULTS button to be clicked

index: 15 length: 156 MovieCount: 16

Movie Name: Benedetta

No more LOAD MORE RESULTS button to be clicked

index: 16 length: 156 MovieCount: 17 Movie Name: Eiffel

No more LOAD MORE RESULTS button to be clicked

index: 17 length: 156 MovieCount: 18

Movie Name: Harry Haft

No more LOAD MORE RESULTS button to be clicked

index: 18 length: 156 MovieCount: 19

Movie Name: Potato Dreams of America

No more LOAD MORE RESULTS button to be clicked

index: 19 length: 156 MovieCount: 20 Movie Name: Lansky

No more LOAD MORE RESULTS button to be clicked

index: 20 length: 156 MovieCount: 21 Movie Name: Kilroy

No more LOAD MORE RESULTS button to be clicked

index: 21 length: 156 MovieCount: 22

Movie Name: Rocketry: The Nambi Effect

No more LOAD MORE RESULTS button to be clicked

index: 22 length: 156 MovieCount: 23

Movie Name: The Judgement

No more LOAD MORE RESULTS button to be clicked

index: 23

length: 156 MovieCount: 24

Movie Name: In the Shadow of the Mountain No more LOAD MORE RESULTS button to be clicked

index: 24 length: 156 MovieCount: 25 Movie Name: Vellam

LOAD MORE RESULTS button clicked

No more LOAD MORE RESULTS button to be clicked

index: 25 length: 156 MovieCount: 26

Movie Name: Berenshtein

No more LOAD MORE RESULTS button to be clicked

index: 26 length: 156 MovieCount: 27 Movie Name: Malik

No more LOAD MORE RESULTS button to be clicked

index: 27 length: 156 MovieCount: 28 Movie Name: '83

No more LOAD MORE RESULTS button to be clicked

index: 28 length: 156 MovieCount: 29

Movie Name: Benediction

No more LOAD MORE RESULTS button to be clicked

index: 29 length: 156 MovieCount: 30

Movie Name: Resurrection

No more LOAD MORE RESULTS button to be clicked

index: 30 length: 156 MovieCount: 31

Movie Name: Gangubai Kathiawadi

No more LOAD MORE RESULTS button to be clicked

index: 31 length: 156 MovieCount: 32

Movie Name: Untold the Back & Forth Story No more LOAD MORE RESULTS button to be clicked

index: 32 length: 156 MovieCount: 33

Movie Name: The Book of Ruth

No more LOAD MORE RESULTS button to be clicked

index: 33 length: 156 MovieCount: 34 Movie Name: Resilient

No more LOAD MORE RESULTS button to be clicked

index: 34 length: 156 MovieCount: 35

Movie Name: Baggio: The Divine Ponytail

No more LOAD MORE RESULTS button to be clicked

index: 35 length: 156 MovieCount: 36 Movie Name: Pagten

index: 36 length: 156 MovieCount: 37 Movie Name: Kurup

No more LOAD MORE RESULTS button to be clicked

index: 37 length: 156 MovieCount: 38

Movie Name: L'ombra di Caravaggio

No more LOAD MORE RESULTS button to be clicked

index: 38 length: 156 MovieCount: 39 Movie Name: Toma

No more LOAD MORE RESULTS button to be clicked

index: 39 length: 156 MovieCount: 40

Movie Name: Mediterráneo

No more LOAD MORE RESULTS button to be clicked

index: 40 length: 156 MovieCount: 41

Movie Name: Break Every Chain

No more LOAD MORE RESULTS button to be clicked

index: 41 length: 156 MovieCount: 42 Movie Name: Sniper

No more LOAD MORE RESULTS button to be clicked

index: 42 length: 156 MovieCount: 43

Movie Name: Shabaash Mithu

No more LOAD MORE RESULTS button to be clicked

index: 43 length: 156 MovieCount: 44 Movie Name: Diana

No more LOAD MORE RESULTS button to be clicked

index: 44 length: 156 MovieCount: 45

Movie Name: I Am Zlatan

No more LOAD MORE RESULTS button to be clicked

index: 45 length: 156 MovieCount: 46

Movie Name: Main Mulayam Singh Yadav

No more LOAD MORE RESULTS button to be clicked

index: 46 length: 156 MovieCount: 47 Movie Name: Jhund

No more LOAD MORE RESULTS button to be clicked

index: 47 length: 156 MovieCount: 48

Movie Name: Borderline

No more LOAD MORE RESULTS button to be clicked

index: 48 length: 156 MovieCount: 49

Movie Name: The Royal

index: 49 length: 156 MovieCount: 50 Movie Name: Zátopek

No more LOAD MORE RESULTS button to be clicked

index: 50 length: 156 MovieCount: 51 Movie Name: Kralj

No more LOAD MORE RESULTS button to be clicked

index: 51 length: 156 MovieCount: 52 Movie Name: Van Gogh

No more LOAD MORE RESULTS button to be clicked

index: 52 length: 156 MovieCount: 53

Movie Name: Il cattivo poeta

No more LOAD MORE RESULTS button to be clicked

index: 53 length: 156 MovieCount: 54

Movie Name: Simone - Le voyage du siècle No more LOAD MORE RESULTS button to be clicked

index: 54 length: 156 MovieCount: 55

Movie Name: Junele Sihastru

No more LOAD MORE RESULTS button to be clicked

index: 55 length: 156 MovieCount: 56

Movie Name: Om Shri Satya Sai Baba

No more LOAD MORE RESULTS button to be clicked

index: 56 length: 156 MovieCount: 57

Movie Name: The Woman Who Robbed the Stagecoach No more LOAD MORE RESULTS button to be clicked

index: 57 length: 156 MovieCount: 58

Movie Name: Dawn Raid

No more LOAD MORE RESULTS button to be clicked

index: 58 length: 156 MovieCount: 59 Movie Name: Sabina

No more LOAD MORE RESULTS button to be clicked

index: 59 length: 156 MovieCount: 60

Movie Name: The Battle of Bhima Koregaon No more LOAD MORE RESULTS button to be clicked

index: 60 length: 156 MovieCount: 61 Movie Name: Amadeo

No more LOAD MORE RESULTS button to be clicked

index: 61 length: 156 MovieCount: 62 Movie Name: Guerrilla

index: 62 length: 156 MovieCount: 63

Movie Name: Untitled Pupi Avati/Dante Alighieri project

No more LOAD MORE RESULTS button to be clicked

index: 63 length: 156 MovieCount: 64

Movie Name: Salgueiro Maia - O Implicado No more LOAD MORE RESULTS button to be clicked

index: 64 length: 156 MovieCount: 65 Movie Name: Gierek

No more LOAD MORE RESULTS button to be clicked

index: 65 length: 156 MovieCount: 66 Movie Name: Kurt

No more LOAD MORE RESULTS button to be clicked

index: 66 length: 156 MovieCount: 67

Movie Name: La estrella roja

No more LOAD MORE RESULTS button to be clicked

index: 67 length: 156 MovieCount: 68

Movie Name: Bangabandhu

No more LOAD MORE RESULTS button to be clicked

index: 68 length: 156 MovieCount: 69

Movie Name: Project Kahuta

No more LOAD MORE RESULTS button to be clicked

index: 69 length: 156 MovieCount: 70

Movie Name: I See You and You See Me

No more LOAD MORE RESULTS button to be clicked

index: 70 length: 156 MovieCount: 71 Movie Name: Cam

No more LOAD MORE RESULTS button to be clicked

index: 71 length: 156 MovieCount: 72

Movie Name: Tath Kana

No more LOAD MORE RESULTS button to be clicked

index: 72 length: 156 MovieCount: 73

Movie Name: The Earned Life

No more LOAD MORE RESULTS button to be clicked

index: 73 length: 156 MovieCount: 74

Movie Name: Laleh (Drive)

No more LOAD MORE RESULTS button to be clicked

index: 74 length: 156 MovieCount: 75

Movie Name: The Immortal President

index: 75 length: 156 MovieCount: 76

Movie Name: Black Days

No more LOAD MORE RESULTS button to be clicked

index: 76 length: 156 MovieCount: 77

Movie Name: Kaali Maati

No more LOAD MORE RESULTS button to be clicked

index: 77 length: 156 MovieCount: 78

Movie Name: The Duchess of Criminality

No more LOAD MORE RESULTS button to be clicked

index: 78 length: 156 MovieCount: 79 Movie Name: Shashank

No more LOAD MORE RESULTS button to be clicked

index: 79 length: 156 MovieCount: 80

Movie Name: D'illusion: The Houdini Musical No more LOAD MORE RESULTS button to be clicked

index: 80 length: 156 MovieCount: 81

Movie Name: Dilberay Küçük Dev Kadin

No more LOAD MORE RESULTS button to be clicked

index: 81 length: 156 MovieCount: 82

Movie Name: Dream About Sohrab

No more LOAD MORE RESULTS button to be clicked

index: 82 length: 156 MovieCount: 83

Movie Name: Pou sai more Nikitara

No more LOAD MORE RESULTS button to be clicked

index: 83 length: 156 MovieCount: 84 Movie Name: Afife

No more LOAD MORE RESULTS button to be clicked

index: 84 length: 156 MovieCount: 85

Movie Name: Jattu Nikhattu

No more LOAD MORE RESULTS button to be clicked

index: 85 length: 156 MovieCount: 86

Movie Name: Puratchi Thalaivi

No more LOAD MORE RESULTS button to be clicked

index: 86 length: 156 MovieCount: 87

Movie Name: Affairs on Capri

No more LOAD MORE RESULTS button to be clicked

index: 87 length: 156 MovieCount: 88

Movie Name: The Rise of the Tiger

index: 88 length: 156 MovieCount: 89

Movie Name: The Loverdoses

No more LOAD MORE RESULTS button to be clicked

index: 89 length: 156 MovieCount: 90 Movie Name: The Hill

No more LOAD MORE RESULTS button to be clicked

index: 90 length: 156 MovieCount: 91 Movie Name: Hiralal

No more LOAD MORE RESULTS button to be clicked

index: 91 length: 156 MovieCount: 92

Movie Name: Untold the Aaliyah Story Back & Forth No more LOAD MORE RESULTS button to be clicked

index: 92 length: 156 MovieCount: 93

Movie Name: The Kellie Maloney Story

No more LOAD MORE RESULTS button to be clicked

index: 93 length: 156 MovieCount: 94

Movie Name: El chico del 98

No more LOAD MORE RESULTS button to be clicked

index: 94 length: 156 MovieCount: 95

Movie Name: Sveta Petka - Krst u pustinji No more LOAD MORE RESULTS button to be clicked

index: 95 length: 156 MovieCount: 96

Movie Name: El ultimo baile de Marilyn

No more LOAD MORE RESULTS button to be clicked

index: 96 length: 156 MovieCount: 97

Movie Name: Enaiat - L'incredibile storia No more LOAD MORE RESULTS button to be clicked

index: 97 length: 156 MovieCount: 98

Movie Name: The Maggie Dixon Story

No more LOAD MORE RESULTS button to be clicked

index: 98 length: 156 MovieCount: 99 Movie Name: Astrid

No more LOAD MORE RESULTS button to be clicked

index: 99 length: 156 MovieCount: 100 Movie Name: Option C

No more LOAD MORE RESULTS button to be clicked

index: 100 length: 156 MovieCount: 101

Movie Name: Give me strength Joshua

index: 101 length: 156 MovieCount: 102

Movie Name: Halftime Hero

No more LOAD MORE RESULTS button to be clicked

index: 102 length: 156 MovieCount: 103

Movie Name: Nelson Carrilho I am a black sculptor No more LOAD MORE RESULTS button to be clicked

index: 103 length: 156 MovieCount: 104

Movie Name: Fighting for Postgraduate Entrance Examination

No more LOAD MORE RESULTS button to be clicked

index: 104 length: 156 MovieCount: 105 Movie Name: Borderless

No more LOAD MORE RESULTS button to be clicked

index: 105 length: 156 MovieCount: 106

Movie Name: Jako letní sníh

No more LOAD MORE RESULTS button to be clicked

index: 106 length: 156 MovieCount: 107 Movie Name: Life After

No more LOAD MORE RESULTS button to be clicked

index: 107 length: 156 MovieCount: 108 Movie Name: Foxy

No more LOAD MORE RESULTS button to be clicked

index: 108 length: 156 MovieCount: 109

Movie Name: A Fonder Heart

No more LOAD MORE RESULTS button to be clicked

index: 109 length: 156 MovieCount: 110

Movie Name: A Biography of Great Proportions No more LOAD MORE RESULTS button to be clicked

index: 110 length: 156 MovieCount: 111

Movie Name: Portrait Jonas Lohrmann

No more LOAD MORE RESULTS button to be clicked

index: 111 length: 156 MovieCount: 112

Movie Name: Door Ajar - Feature Film

No more LOAD MORE RESULTS button to be clicked

index: 112 length: 156 MovieCount: 113

Movie Name: Asthi the Ashes

No more LOAD MORE RESULTS button to be clicked

index: 113 length: 156 MovieCount: 114

Movie Name: The AppleMauf Christmas Movie No more LOAD MORE RESULTS button to be clicked

index: 114 length: 156 MovieCount: 115

Movie Name: Untold the Aalivah Story Back & Was Forth

No more LOAD MORE RESULTS button to be clicked

index: 115 length: 156 MovieCount: 116 Movie Name: Mistaken

No more LOAD MORE RESULTS button to be clicked

index: 116 length: 156 MovieCount: 117

Movie Name: Secrets of love (SOL)

No more LOAD MORE RESULTS button to be clicked

index: 117 length: 156 MovieCount: 118

Movie Name: Walking the Park with Walt

No more LOAD MORE RESULTS button to be clicked

index: 118 length: 156 MovieCount: 119

Movie Name: Miguel Mañara

No more LOAD MORE RESULTS button to be clicked

index: 119 length: 156 MovieCount: 120

Movie Name: President Joe Biden: Not Your Average Joe

No more LOAD MORE RESULTS button to be clicked

index: 120 length: 156 MovieCount: 121

Movie Name: Life of Ayinde Starling

No more LOAD MORE RESULTS button to be clicked

index: 121 length: 156 MovieCount: 122 Movie Name: Limit

No more LOAD MORE RESULTS button to be clicked

index: 122 length: 156 MovieCount: 123

Movie Name: Jacob A. Riis

No more LOAD MORE RESULTS button to be clicked

index: 123 length: 156 MovieCount: 124 Movie Name: Upside down

No more LOAD MORE RESULTS button to be clicked

index: 124 length: 156 MovieCount: 125

Movie Name: Dos-Mukasan

No more LOAD MORE RESULTS button to be clicked

index: 125 length: 156 MovieCount: 126 Movie Name: Tsoy zhiv

No more LOAD MORE RESULTS button to be clicked

index: 126 length: 156 MovieCount: 127

Movie Name: Manasige Mutthittalu

index: 127 length: 156 MovieCount: 128 Movie Name: Osho

No more LOAD MORE RESULTS button to be clicked

index: 128 length: 156 MovieCount: 129

Movie Name: BB King: The King of the Blues No more LOAD MORE RESULTS button to be clicked

index: 129 length: 156 MovieCount: 130 Movie Name: Vidyapeeth

No more LOAD MORE RESULTS button to be clicked

index: 130 length: 156 MovieCount: 131

Movie Name: HWY 1 to Oneness

No more LOAD MORE RESULTS button to be clicked

index: 131 length: 156 MovieCount: 132

Movie Name: O Seguestro do Voo 375

No more LOAD MORE RESULTS button to be clicked

index: 132 length: 156 MovieCount: 133

Movie Name: Chu Teh-Chun

No more LOAD MORE RESULTS button to be clicked

index: 133 length: 156 MovieCount: 134 Movie Name: Akif

No more LOAD MORE RESULTS button to be clicked

index: 134 length: 156 MovieCount: 135

Movie Name: My Father Mujib

No more LOAD MORE RESULTS button to be clicked

index: 135 length: 156 MovieCount: 136

Movie Name: SYLVESTER BOTH SIDES

No more LOAD MORE RESULTS button to be clicked

index: 136 length: 156 MovieCount: 137

Movie Name: Ruhani Rahibar- Sachho Satram No more LOAD MORE RESULTS button to be clicked

index: 137 length: 156 MovieCount: 138 Movie Name: Fauja

No more LOAD MORE RESULTS button to be clicked

index: 138 length: 156 MovieCount: 139

Movie Name: La primera toga

No more LOAD MORE RESULTS button to be clicked

index: 139 length: 156 MovieCount: 140 Movie Name: Foil

index: 140 length: 156 MovieCount: 141 Movie Name: Nil Cokhe

No more LOAD MORE RESULTS button to be clicked

index: 141 length: 156 MovieCount: 142

Movie Name: Mere Jinvar Mere Guruvar

No more LOAD MORE RESULTS button to be clicked

index: 142 length: 156 MovieCount: 143 Movie Name: Diomar

No more LOAD MORE RESULTS button to be clicked

index: 143 length: 156 MovieCount: 144 Movie Name: Qajymuqan

No more LOAD MORE RESULTS button to be clicked

index: 144 length: 156 MovieCount: 145

Movie Name: Your Consideration

No more LOAD MORE RESULTS button to be clicked

index: 145 length: 156 MovieCount: 146

Movie Name: Do You Love Me (Documentary) No more LOAD MORE RESULTS button to be clicked

index: 146 length: 156 MovieCount: 147

Movie Name: Migraine Documentary

No more LOAD MORE RESULTS button to be clicked

index: 147 length: 156 MovieCount: 148 Movie Name: Mata

No more LOAD MORE RESULTS button to be clicked

index: 148 length: 156 MovieCount: 149

Movie Name: Shri Laxminath Gosai

No more LOAD MORE RESULTS button to be clicked

index: 149 length: 156 MovieCount: 150

Movie Name: The Great Patriot

No more LOAD MORE RESULTS button to be clicked

index: 150 length: 156 MovieCount: 151

Movie Name: Final Change

No more LOAD MORE RESULTS button to be clicked

index: 151 length: 156 MovieCount: 152

Movie Name: Bollywood Zindabad

No more LOAD MORE RESULTS button to be clicked

index: 152 length: 156 MovieCount: 153 Movie Name: Fly

index: 153 length: 156

```
MovieCount: 154
        Movie Name: Amare Kandaiya
        No more LOAD MORE RESULTS button to be clicked
        index: 154
        length: 156
        MovieCount: 155
        Movie Name: Maryam of Tsyon - Cap III Assumpta est in Caelum
        No more LOAD MORE RESULTS button to be clicked
        index: 155
        length: 156
        MovieCount: 156
        Movie Name: Young Fame
        No more LOAD MORE RESULTS button to be clicked
         # Get the page content in a HTML Format
In [7]:
         def get_webpage_content(url):
             response = requests.get(url)
             page_content = BeautifulSoup(response.text, 'html.parser')
             return (response, page_content)
In [8]:
         # Get the Ajax Pagination Next Page URL
         def check Load more(web content):
             next page url = ""
             if web_content.find('div',{'class':'load-more-data'}):
                 data_ajaxurl = web_content.find('div',{'class':'load-more-data'})['data-ajaxurl
                 data_key = " "
                 try:
                     data key = web content.find('div',{'class':'load-more-data'})['data-key']
                     next_page_url = base_url+data_ajaxurl+review_concat+data_key
                 except KeyError:
                     next_page_url = " "
                     print("end of the page")
                 return next page url
             else:
                 next_page_url =""
                 return next_page_url
In [9]:
         # Get the Review details
         def get review details(movie name input, Rev content):
             Mov name = movie name input
             Review_Det = Rev_content.findAll('div',{'lister-item-content'})
             for i in Review_Det:
                 Rev_title= i.find('a').text.strip()
                 Rev_title = Rev_title.translate(str.maketrans('','',string.punctuation))
                 Rev_user = i.find('span',{'display-name-link','a'}).text
                 if i. find('div',class_='text show-more__control'):
                     Review content = i. find('div',class = 'text show-more control').text
                     Review_content = Review_content.translate(str.maketrans('','',string.punctu
                     Review_content = Review_content.replace("\n","")
                 else:
                     Review content = "Not Applicable"
                 if i.find('div',{'ipl-ratings-bar'}):
                     Rating = i.find('span').text.strip().split('/')[0]
                 else:
                     Rating = "NA"
                 myfile1 =open("Review.csv", 'a', newline="",encoding='utf8', errors = "ignore")
                 csvwriter = csv.writer(myfile1)
```

Import all the csv file with top 120 reviews and convert that into a dataframe.

In [18]:

```
myfile1.write(Mov name+','+Rev title+','+Rev user+','+Review content+','+Rating
myfile1.close()
```

Import Files with Top 120 Reviews

All movie review Data set contains 55741 Record

```
import glob
import os
path ='C:/Users/Vimalathithan/Visha/MS details/Spring 2021/Data Foundation/Final Projec
filenames = glob.glob(os.path.join(path, "*.csv"))
 print(filenames)
total = 0
All_movie_review=pd.DataFrame()
for file in filenames:
    print(file)
    df = pd.read csv(file,encoding='utf-8',header=0,usecols=['Movie Name','Review Title
    print(len(df))
    total = total+len(df)
    All movie review=All movie review.append(df,ignore index=True)
print(len(All_movie_review))
print('Total:',total)
print(All_movie_review.head())
['C:/Users/Vimalathithan/Visha/MS details/Spring 2021/Data Foundation/Final Project/Fina
l Dataset\\Review_2010.csv', 'C:/Users/Vimalathithan/Visha/MS details/Spring 2021/Data F
oundation/Final Project/Final Dataset\\Review_2011.csv', 'C:/Users/Vimalathithan/Visha/M
S details/Spring 2021/Data Foundation/Final Project/Final Dataset\\Review_2012.csv',
'C:/Users/Vimalathithan/Visha/MS details/Spring 2021/Data Foundation/Final Project/Final
Dataset\\Review_2013.csv', 'C:/Users/Vimalathithan/Visha/MS details/Spring 2021/Data Fou
ndation/Final Project/Final Dataset\\Review 2014.csv', 'C:/Users/Vimalathithan/Visha/MS
details/Spring 2021/Data Foundation/Final Project/Final Dataset\\Review 2015 2017.csv',
'C:/Users/Vimalathithan/Visha/MS details/Spring 2021/Data Foundation/Final Project/Final
Dataset\\Review_2018.csv', 'C:/Users/Vimalathithan/Visha/MS details/Spring 2021/Data Fou
ndation/Final Project/Final Dataset\\Review_2019.csv', 'C:/Users/Vimalathithan/Visha/MS
details/Spring 2021/Data Foundation/Final Project/Final Dataset\\Review 2020.csv', 'C:/U
sers/Vimalathithan/Visha/MS details/Spring 2021/Data Foundation/Final Project/Final Data
set\\Review 2021.csv']
C:/Users/Vimalathithan/Visha/MS details/Spring 2021/Data Foundation/Final Project/Final
Dataset\Review_2010.csv
C:/Users/Vimalathithan/Visha/MS details/Spring 2021/Data Foundation/Final Project/Final
Dataset\Review 2011.csv
C:/Users/Vimalathithan/Visha/MS details/Spring 2021/Data Foundation/Final Project/Final
Dataset\Review 2012.csv
2138
C:/Users/Vimalathithan/Visha/MS details/Spring 2021/Data Foundation/Final Project/Final
Dataset\Review_2013.csv
C:/Users/Vimalathithan/Visha/MS details/Spring 2021/Data Foundation/Final Project/Final
Dataset\Review_2014.csv
4717
C:/Users/Vimalathithan/Visha/MS details/Spring 2021/Data Foundation/Final Project/Final
Dataset\Review 2015 2017.csv
18712
C:/Users/Vimalathithan/Visha/MS details/Spring 2021/Data Foundation/Final Project/Final
Dataset\Review 2018.csv
```

```
C:/Users/Vimalathithan/Visha/MS details/Spring 2021/Data Foundation/Final Project/Final
Dataset\Review 2019.csv
7874
C:/Users/Vimalathithan/Visha/MS details/Spring 2021/Data Foundation/Final Project/Final
Dataset\Review 2020.csv
2710
C:/Users/Vimalathithan/Visha/MS details/Spring 2021/Data Foundation/Final Project/Final
Dataset\Review 2021.csv
1136
55741
Total: 55741
                                                            Review Title \
           Movie Name
  The Social Network
                                             Bumper sticker philosophies
                                                           Underwhelming
1
  The Social Network
  The Social Network
                                          My Masturbation Over a Trailer
  The Social Network I hate Facebook but this film is the best of t...
  The Social Network Just a great story of something we now take fo...
    Review User
                                                    Review content Rating
0
        brsmarc While its never satisfying to write a review a...
                                                                       NaN
1
        lisamvm I am a HUGE fan of all of Aaron Sorkins work I...
                                                                       5.0
2
       paperpag When I first saw the trailer I couldnt believe...
                                                                       5.0
       chuifugh No other film I feel captures the basement dwe...
                                                                      10.0
  Filmaholic78 I give this film 10 out of 10Im not sure how m...
                                                                      10.0
```

Annotate the Dataset with the Gold Label and Sentiment Score

```
def map gold label(rating):
In [4]:
              if rating == 5:
                   return 'Neutral'
              elif rating < 5:</pre>
                   return 'Negative'
              else:
                   return 'Positive'
          def map Sentiment(label):
              if label == 'Positive':
                   return 1
              elif label == 'Negative':
                   return -1
              else:
                   return 0
          All movie review['Gold Label']=[ map gold label(x) for x in All movie review['Rating']]
In [5]:
          All movie review['Sentiment']=[ map Sentiment(x) for x in All movie review['Gold Label'
          All movie review.head()
Out[5]:
            Movie_Name
                               Review Title Review User
                                                           Review_content Rating Gold_Label Sentiment
                                                             While its never
                              Bumper sticker
               The Social
         0
                                                brsmarc satisfying to write a
                                                                             NaN
                                                                                      Positive
                                                                                                      1
                 Network
                               philosophies
                                                                 review a...
                                                         I am a HUGE fan of
               The Social
                             Underwhelming
                                                lisamvm all of Aaron Sorkins
                                                                              5.0
                                                                                      Neutral
                                                                                                      0
```

work I...

Network

	Movie_Name	Review_Title	Review_User	Review_content	Rating	Gold_Label	Sentiment
2	The Social Network	My Masturbation Over a Trailer	paperpag	When I first saw the trailer I couldnt believe	5.0	Neutral	0
3	The Social Network	I hate Facebook but this film is the best of t	chujfugh	No other film I feel captures the basement dwe	10.0	Positive	1
4	The Social Network	Just a great story of something we now take fo	Filmaholic78	I give this film 10 out of 10lm not sure how m	10.0	Positive	1

Pre-process the Dataset for Vectorization

```
# Convert the review content to a Tokenized text.
In [6]:
         from gensim.utils import simple preprocess
         All_movie_review['tokenized_text'] = [simple_preprocess(line, deacc=True) for line in A
         print(All_movie_review['tokenized_text'].head(10))
             [while, its, never, satisfying, to, write, rev...
             [am, huge, fan, of, all, of, aaron, sorkins, w...
             [when, first, saw, the, trailer, couldnt, beli...
             [no, other, film, feel, captures, the, basemen...
             [give, this, film, out, of, im, not, sure, how...
             [had, heard, plenty, of, positive, comments, a...
             [it, is, surprising, and, quite, shocking, for...
             [mark, zuckerberg, is, an, asshat, that, made,...
             [did, not, care, very, much, for, this, film, ...
             [being, in, the, computer, biz, was, intereste...
        Name: tokenized text, dtype: object
         # Lemmatize the Tokenized review Content
In [7]:
         from nltk.stem import WordNetLemmatizer
         lemmatizer = WordNetLemmatizer()
         All_movie_review["lemmatized_tokens"] = [[lemmatizer.lemmatize(word) for word in tokens
         All movie review["lemmatized tokens"].head(10)
Out[7]: 0
             [while, it, never, satisfying, to, write, revi...
             [am, huge, fan, of, all, of, aaron, sorkins, w...
             [when, first, saw, the, trailer, couldnt, beli...
             [no, other, film, feel, capture, the, basement...
             [give, this, film, out, of, im, not, sure, how...
             [had, heard, plenty, of, positive, comment, ab...
             [it, is, surprising, and, quite, shocking, for...
             [mark, zuckerberg, is, an, asshat, that, made,...
             [did, not, care, very, much, for, this, film, ...
             [being, in, the, computer, biz, wa, interested...
        Name: lemmatized tokens, dtype: object
         # Remove the punctuation if any and get the clean Tokens
In [8]:
         import nltk
         from nltk.corpus import stopwords
         import string
         def remove punct(text):
             no punct = [c for c in text if c not in string.punctuation]
             return no punct
```

```
All movie review['Clean Tokens'] = [remove punct(w) for w in All movie review["lemmatiz
print(All movie review['Clean Tokens'])
         [while, it, never, satisfying, to, write, revi...
1
         [am, huge, fan, of, all, of, aaron, sorkins, w...
         [when, first, saw, the, trailer, couldnt, beli...
         [no, other, film, feel, capture, the, basement...
         [give, this, film, out, of, im, not, sure, how...
55736
         [marshall, goldsmith, deserves, alot, of, resp...
55737
         [since, pioneering, the, degree, assessment, i...
55738
         [marshall, goldsmith, is, my, role, model, and...
55739
         [my, family, and, watched, the, anniversary, f...
55740
         [excellent, movie, about, greek, revolution, 1...
Name: Clean_Tokens, Length: 55741, dtype: object
```

Split the Dataset for Training and Test

```
# Split the DataSet into Training and Test with 80-20 composition
In [9]:
         from sklearn.model_selection import train_test_split
         x_train,x_test,y_train,y_test = train_test_split(All_movie_review[['Movie_Name','Review]
                                                                  All movie review['Sentiment'],t
         x train =x train.reset index()
         x_test = x_test.reset_index()
         y train =y train.to frame()
         y_train = y_train.reset_index()
         y_test = y_test.to_frame()
         y_test = y_test.reset_index()
         print("Number of Records In Training Dataset:", len(x_train))
         print("Number of Records In Test Dataset:", len(x test))
```

Build the Movie Review Data Dictionary

```
In [10]:
          from gensim import corpora
          movie review dict= corpora.Dictionary(All movie review["Clean Tokens"])
          print("Total unique words:\n")
          print(len(movie review dict.token2id))
         Total unique words:
```

Method 1 -TfIDF Vectorization

165696

```
# 2 - Vectorize using Tfidf
In [15]:
          from gensim.models import TfidfModel
          corpus = [movie review dict.doc2bow(line) for line in All movie review['lemmatized toke
          # TF-IDF Model
          tfidf model = TfidfModel(corpus)
```

Vectorize the Training Dataset and Store it in a

Time taken to create tfidf for :5178.276551246643

```
import gensim
In [20]:
          import time
          start time = time.time()
          vocab len = len(movie review dict.token2id)
          train features tfidf = []
          tfidf_filename = 'Movie_review_tfidf.csv'
          with open(tfidf_filename, 'w+', encoding = 'utf8') as tfidf_file:
              for index, row in x_train.iterrows():
                  doc=movie review dict.doc2bow(row['lemmatized tokens'])
                  features = gensim.matutils.corpus2csc([tfidf_model[doc]], num_terms=vocab_len).
                  train features tfidf.append(features)
                  if index == 0:
                      header = ",".join(str(movie_review_dict[ele]) for ele in range(vocab_len))
                      tfidf file.write(header)
                      tfidf file.write("\n")
                  line1 = ",".join( [str(vector_element) for vector_element in features] )
                  tfidf_file.write(line1)
                  tfidf file.write('\n')
          print("Time taken to create tfidf for :" + str(time.time() - start_time))
```

Time taken to create tfidf for :5178.276551246643

Fit the Training TfIDF vectorized dataset for Decision tree Classifier

Since the Size of the Vectorization File is More than 27GB I am getting an Memory error while Fit the Training Dataset for Decision Tree Classifier. So As I discussed with the professor I am going to Continue My analysis with Top 25 Reviews.

```
from sklearn.tree import DecisionTreeClassifier
In [16]:
          import time
          start time = time.time()
          # # Read the TFIDF vectors
          tfidf df = pd.read csv('Movie review tfidf.csv')
          # Initialize the model
          clf decision tfidf = DecisionTreeClassifier(random state=2)
          # Fit the model
          clf_decision_tfidf.fit(tfidf_df, y_train['Sentiment'])
          print("Time to taken to fit the TF-IDF as input for classifier: " + str(time.time() - s
         MemoryError
                                                    Traceback (most recent call last)
         <ipython-input-16-edd24a54d6e4> in <module>
               5 # # Read the TFIDF vectors
          ----> 6 tfidf df = pd.read csv('Movie_review_tfidf.csv')
               8 # Initialize the model
         ~\anaconda3\lib\site-packages\pandas\io\parsers.py in read csv(filepath or buffer, sep,
```

delimiter, header, names, index_col, usecols, squeeze, prefix, mangle_dupe_cols, dtype, engine, converters, true_values, false_values, skipinitialspace, skiprows, skipfooter, n rows, na_values, keep_default_na, na_filter, verbose, skip_blank_lines, parse_dates, inf

```
er datetime format, keep date col, date parser, dayfirst, cache dates, iterator, chunksi
ze, compression, thousands, decimal, lineterminator, quotechar, quoting, doublequote, es
capechar, comment, encoding, dialect, error bad lines, warn bad lines, delim whitespace,
low memory, memory map, float precision)
    684
    685
            return read(filepath or buffer, kwds)
--> 686
    687
    688
~\anaconda3\lib\site-packages\pandas\io\parsers.py in read(filepath or buffer, kwds)
    457
--> 458
                data = parser.read(nrows)
    459
            finally:
                parser.close()
~\anaconda3\lib\site-packages\pandas\io\parsers.py in read(self, nrows)
   1194
            def read(self, nrows=None):
                nrows = _validate_integer("nrows", nrows)
   1195
-> 1196
                ret = self. engine.read(nrows)
   1197
   1198
                # May alter columns / col dict
~\anaconda3\lib\site-packages\pandas\io\parsers.py in read(self, nrows)
   2153
            def read(self, nrows=None):
   2154
                try:
-> 2155
                    data = self._reader.read(nrows)
   2156
                except StopIteration:
   2157
                    if self. first chunk:
pandas\_libs\parsers.pyx in pandas._libs.parsers.TextReader.read()
pandas\ libs\parsers.pyx in pandas. libs.parsers.TextReader. read low memory()
pandas\_libs\parsers.pyx in pandas._libs.parsers.TextReader._read_rows()
pandas\_libs\parsers.pyx in pandas._libs.parsers.TextReader._convert_column_data()
MemoryError:
```

Import All Movies Top 25 review For NLP

```
filepath = 'C:/Users/Vimalathithan/Visha/MS details/Spring 2021/Data Foundation/Final P
In [2]:
         All movie review top25 = pd.read csv(filepath,encoding='utf-8',header=0,usecols=['Movie
         print(len(All movie review top25))
         16515
In [5]:
         # Annotate the Dataset with the Gold Label and Sentiment Score
         All movie review top25['Gold Label']=[ map gold label(x) for x in All movie review top2
         All_movie_review_top25['Sentiment']=[ map_Sentiment(x) for x in All_movie_review_top25[
         All movie review top25.head()
Out[5]:
            Movie_Name
                            Review_Title
                                          Review_User
                                                        Review_content Rating Gold_Label Sentiment
                                                             The movie
             The Wolf of
                                                       Leonardo DiCaprio
         0
                            Oscar worthy
                                         karolin-99263
                                                                          10.0
                                                                                  Positive
                                                                                                  1
              Wall Street
                                                            should have
                                                               gotten...
```

	Movie_Name	Review_Title	Review_User	Review_content	Rating	Gold_Label	Sentiment
1	The Wolf of Wall Street	Awesome movie watched it multiple times	MR_Heraclius	This film is every definition of the word impe	10.0	Positive	1
2	The Wolf of Wall Street	Money is the oxygen of capitalism and I wanna	notoriousCASK	Its no surprise that Scorsese is associated wi	9.0	Positive	1
3	The Wolf of Wall Street	DiCaprio gives the best performance of his career	BrentHankins	In the mid1990s Jordan Belfort Leonardo DiCapr	9.0	Positive	1
4	The Wolf of Wall Street	Stylish funny and very entertaining	aaron1506	The Wolf of Wall Street is Scorseses best film	8.0	Positive	1

Pre-Process the Dataset

```
# Convert the review content to a Tokenized text.
In [6]:
         from gensim.utils import simple preprocess
         # Tokenize the text column to get the new column 'tokenized text'
         All movie review top25['tokenized text'] = [simple preprocess(line, deacc=True) for lin
         print(All_movie_review_top25['tokenized_text'].head(10))
             [the, movie, leonardo, dicaprio, should, have,...
        1
             [this, film, is, every, definition, of, the, w...
             [its, no, surprise, that, scorsese, is, associ...
             [in, the, mid, jordan, belfort, leonardo, dica...
             [the, wolf, of, wall, street, is, scorseses, b...
             [this, film, arrived, in, the, uk, with, award...
             [brilliantly, acted, superbly, written, and, a...
             [you, can, literally, watch, any, movie, for, ...
             [martin, scorsese, has, done, it, again, his, ...
             [perfectly, executed, in, almost, all, aspects...
        Name: tokenized_text, dtype: object
         # Lemmatize the Tokenized review Content
In [7]:
         from nltk.stem import WordNetLemmatizer
         lemmatizer = WordNetLemmatizer()
         All_movie_review_top25["lemmatized_tokens"] = [[lemmatizer.lemmatize(word) for word in
         All_movie_review_top25["lemmatized_tokens"].head(10)
Out[7]: 0
             [the, movie, leonardo, dicaprio, should, have,...
             [this, film, is, every, definition, of, the, w...
             [it, no, surprise, that, scorsese, is, associa...
             [in, the, mid, jordan, belfort, leonardo, dica...
             [the, wolf, of, wall, street, is, scorsese, be...
             [this, film, arrived, in, the, uk, with, award...
             [brilliantly, acted, superbly, written, and, a...
             [you, can, literally, watch, any, movie, for, ...
             [martin, scorsese, ha, done, it, again, his, n...
             [perfectly, executed, in, almost, all, aspect,...
        Name: lemmatized_tokens, dtype: object
```

Split the Dataset into Training and Test

```
# Split the DataSet into Training and Test with 80-20 composition
In [8]:
         from sklearn.model selection import train test split
         x_train_top25,x_test_top25,y_train_top25,y_test_top25 = train_test_split(All_movie_revi
                                                                  All_movie_review_top25['Sentime
         x train top25 =x train top25.reset index()
         x_test_top25 = x_test_top25.reset_index()
         y_train_top25 =y_train_top25.to_frame()
         y_train_top25 = y_train_top25.reset_index()
         y test top25 = y test top25.to frame()
         y_test_top25 = y_test_top25.reset_index()
         print("Number of Records In Training Dataset:", len(x_train_top25))
         print("Number of Records In Test Dataset:", len(x_test_top25))
        Number of Records In Training Dataset: 13212
        Number of Records In Test Dataset: 3303
```

Build the word Dictionary

```
from gensim import corpora
In [9]:
         movie_review_top25_dict= corpora.Dictionary(All_movie_review_top25["lemmatized_tokens"]
         print("Total unique words:\n")
         print(len(movie review top25 dict.token2id))
        Total unique words:
        87666
```

Method 1 -TfIDF Vectorization

```
In [12]:
          # 1 - TF-IDF Model
          from gensim.models import TfidfModel
          corpus top25 = [movie review top25 dict.doc2bow(line) for line in All movie review top2
          tfidf model top25 = TfidfModel(corpus top25)
```

Vectorize the Training Dataset and Store it in a file

Time taken to create tfidf for:709.7966206073761

```
In [27]:
          import gensim
          import time
          start time = time.time()
          vocab_len_top25 = len(movie_review_top25_dict.token2id)
          train_features_tfidf_top25 = []
          tfidf filename = 'Movie review top25 tfidf.csv'
          with open(tfidf_filename, 'w+', encoding = 'utf8') as tfidf_file:
              for index, row in x train top25.iterrows():
                  doc=movie_review_top25_dict.doc2bow(row['lemmatized_tokens'])
                  features = gensim.matutils.corpus2csc([tfidf model top25[doc]], num terms=vocab
                  train features tfidf top25.append(features)
                  if index == 0:
                      header = ",".join(str(movie_review_top25_dict[ele]) for ele in range(vocab_
```

```
tfidf file.write(header)
            tfidf file.write("\n")
        line1 = ",".join( [str(vector_element) for vector_element in features] )
        tfidf file.write(line1)
        tfidf_file.write('\n')
print("Time taken to create tfidf for :" + str(time.time() - start_time))
```

Time taken to create tfidf for :709.7966206073761

Training Sentiment Classification Model using **TFIDF Vectors**

Time to taken to fit the TF-IDF as input for classifier: 9110.061611652374

```
from sklearn.tree import DecisionTreeClassifier
In [13]:
          import time
          start time = time.time()
          # Read the TFIDF vectors
          tfidf top25 df = pd.read csv('Movie review top25 tfidf.csv')
          # Initialize the model
          clf_decision_top25_tfidf = DecisionTreeClassifier(random_state=2)
          # Fit the model
          clf decision top25 tfidf.fit(tfidf top25 df, y train top25['Sentiment'])
          print("Time to taken to fit the TF-IDF as input for classifier: " + str(time.time() - s
```

Time to taken to fit the TF-IDF as input for classifier: 9110.061611652374

Test the TF-IDF Model for Test Dataset

Time taken to predict using TF-IDF:8.70795488357544

```
import gensim
In [17]:
          import time
          from sklearn.metrics import classification report
          vocab_len_top25 = len(movie_review_top25_dict.token2id)
          test_features_top25_tfidf = []
          start_time = time.time()
          for index, row in x_test_top25.iterrows():
              doc = movie review top25 dict.doc2bow(row['lemmatized tokens'])
              features = gensim.matutils.corpus2csc([tfidf model top25[doc]], num terms=vocab len
              test features top25 tfidf.append(features)
          # Use the model's predict method
          test predictions top25 tfidf = clf decision top25 tfidf.predict(test features top25 tfi
          print(classification_report(y_test_top25['Sentiment'],test_predictions_top25_tfidf))
          print("Time taken to predict using TF-IDF:" + str(time.time() - start_time))
                       precision recall f1-score
                                                       support
                                      0.40
                   -1
                            0.40
                                                0.40
                                                           669
                            0.81
                                      0.05
                                                0.06
                                                           204
                                      0.83
                                                0.82
                                                          2430
                                                0.69
                                                          3303
```

```
0.43
               0.43
                                           3303
  macro avg
weighted avg
                0.68
                         0.69
                                  0.68
                                           3303
```

Time taken to predict using TF-IDF:8.70795488357544

TFIDF ACCURACY = 69%

Classification Report shows the average accuracy which is **0.69**. This is a good result compared to the amount of data used for training, predict function can be used on the model object to get the predicted class for the test data. Accuracy for positive and negative sentiments is better than neutral which makes sense as it is hard to distinguish the neutral comments compared to commonly used words in the positive and negative sentiment.

Method 2 - Word2vec Skip gram vectorization

```
# 2 - Vectorize using word2vec
In [18]:
          from gensim import corpora
          from gensim.models import Word2Vec
          features=[w for w in All_movie_review_top25['lemmatized_tokens']]
          start time = time.time()
          word2vecmodel = Word2Vec(features,size=1000,window=3,min_count=1,workers=3,sg=1)
          print (word2vecmodel)
```

Word2Vec(vocab=87666, size=1000, alpha=0.025)

Vectorize the Training Dataset and Store it in a

```
In [27]:
          import gensim
          import time
          start_time = time.time()
          word2vec_top25_filename = 'Movie_review_top25_word2vec.csv'
          with open(word2vec_top25_filename, 'w+', encoding = 'utf8') as word2vec_file:
              for index, row in x_train_top25.iterrows():
                    word2vec_vector = (np.mean([word2vecmodel[token] for token in row['lemmatized]
                  word2vec vector = (np.mean([word2vecmodel[token] for token in row['lemmatized t
                  if index == 0:
                      header = ",".join(str(ele) for ele in range(1000))
                      word2vec_file.write(header)
                      word2vec file.write("\n")
                  line1 = ",".join( [str(vector element) for vector element in word2vec vector] )
                  word2vec file.write(line1)
                  word2vec file.write('\n')
          print("Time taken to create word2vec for :" + str(time.time() - start_time))
         <ipython-input-27-01221f59ac7c>:8: DeprecationWarning: Call to deprecated `__getitem__`
```

```
(Method will be removed in 4.0.0, use self.wv.__getitem__() instead).
 word2vec vector = (np.mean([word2vecmodel[token] for token in row['lemmatized token
s']], axis=0)).tolist()
Time taken to create word2vec for :42.52248930931091
```

Training Sentiment Classification Model using

Word2Vec Vectors

```
import time
In [28]:
          #Import the DecisionTreeeClassifier
          from sklearn.tree import DecisionTreeClassifier
          # Load from the filename
          word2vec top25 df = pd.read csv(word2vec top25 filename)
          #Initialize the model
          clf decision word2vec top25 = DecisionTreeClassifier()
          start_time = time.time()
          # Fit the model
          clf decision word2vec top25.fit(word2vec top25 df, y train top25['Sentiment'])
          print("Time taken to fit the model with word2vec vectors: " + str(time.time() - start t
```

Time taken to fit the model with word2vec vectors: 25.634369134902954

Test the Model for Word2Vec Vectorization

```
from sklearn.metrics import classification report
In [31]:
          test features top25 word2vec = []
          import time
          start time = time.time()
          for index, row in x_test_top25.iterrows():
              word2vec vector = (np.mean([word2vecmodel[token] for token in row['lemmatized token]
              if type(word2vec vector) is list:
                  test features top25 word2vec.append(word2vec vector)
              else:
                  test features top25 word2vec.append(np.array([0 for i in range(1000)]))
          # Use the model's predict method
          test predictions top25 word2vec = clf decision word2vec top25.predict(test features top
          print(classification report(y test top25['Sentiment'],test predictions top25 word2vec))
          print("Time taken to predict using Word2Vec:" + str(time.time() - start_time))
         <ipython-input-31-3b90746239f2>:6: DeprecationWarning: Call to deprecated ` getitem `
         (Method will be removed in 4.0.0, use self.wv.__getitem__() instead).
           word2vec_vector = (np.mean([word2vecmodel[token] for token in row['lemmatized_token
         s']], axis=0)).tolist()
                                    recall f1-score
                       precision
                                                      support
                            0.38
0.10
0.81
                                      0.40
                                                0.39
                                                           669
                   -1
                                      0.11
                                                0.10
                                                           204
                                      0.80
                                                0.80
                                                          2430
                                                0.67
             accuracy
                                                          3303
                            0.43
                                      0.43
                                                0.43
                                                          3303
            macro avg
         weighted avg
                            0.68
                                      0.67
                                                0.68
                                                          3303
```

Time taken to predict using Word2Vec: 5.687241315841675

Word2Vec ACCURACY = 67%

Classification Report shows the average accuracy which is **0.67**. This is a good result compared to the amount of data used for training, predict function can be used on the model object to get the predicted class for the test data. Accuracy for positive and negative sentiments is better than neutral which makes sense as it is hard to distinguish the neutral comments compared to commonly used words in the positive and negative sentiment.

Compared to TFIDF vectorisation the accuracy is reduced by 2% eventhough it is a good result compared to number of datas used in the training. In the performance perspective, Word2Vec is better than the TF-IDF vectorisation.

Method 3- BOW Vectorization

```
import time
In [32]:
          start time = time.time()
          # vocab_len_top25 = len(movie_review_top25_dict.token2id)
          bowvec top25 filename = 'Movie review top25 bowvec.csv'
          with open(bowvec_top25_filename, 'w+', encoding='utf8') as bow_file:
              for index, row in x train top25.iterrows():
                  features = gensim.matutils.corpus2csc([movie_review_top25_dict.doc2bow(row['lem
                  if index == 0:
                      #print("Header")
                      header = ",".join(str(movie review top25 dict[ele]) for ele in range(vocab
                      #print(header)
                      bow file.write(header)
                      bow file.write("\n")
                  line1 = ",".join( [str(vector_element) for vector_element in features] )
                  bow file.write(line1)
                  bow file.write('\n')
          print("Time taken to create bow for :" + str(time.time() - start_time))
```

Time taken to create bow for :647.8690655231476

```
In [11]:
          from sklearn.tree import DecisionTreeClassifier
          import time
          bowvec_top25_df = pd.read_csv('Movie_review_top25_bowvec.csv')
          # Train the classifier with default parameters
          start_time = time.time()
          # Initialize the classifier object
          bow_top25_clf = DecisionTreeClassifier(random_state=0)
          # Fit the model with input vectors and corresponding sentiment labels
          bow_top25_clf.fit(bowvec_top25_df, y_train_top25['Sentiment'])
          print("Time taken to fit the model: " + str(time.time() - start time))
```

Time taken to fit the model: 195.21626496315002

Test the BOW Model

```
In [14]:
          import gensim
          from sklearn.metrics import classification report
          # Iterating through test data to get the predictions of sentiment by the model
          vocab_len_top25 = len(movie_review_top25_dict.token2id)
          test_bow_top25_features = []
          start time = time.time()
          for index, row in x test top25.iterrows():
              # Converting the tokens into the format that the model requires
              features = gensim.matutils.corpus2csc([movie_review_top25_dict.doc2bow(row['lemmati
              test bow top25 features.append(features)
          test_bow_top25_predictions = bow_top25_clf.predict(test_bow_top25_features)
```

```
# Comparing the predictions to actual sentiments for the sentences
print(classification_report(y_test_top25['Sentiment'],test_bow_top25_predictions))
print("Time taken to predict the model " + str(time.time() - start time))
```

	precision	recall	f1-score	support
-1 0 1	0.46 0.12 0.81	0.46 0.07 0.84	0.46 0.09 0.83	669 204 2430
accuracy macro avg weighted avg	0.47 0.70	0.46 0.72	0.72 0.46 0.71	3303 3303 3303

Time taken to predict the model 7.7208263874053955

BOW Vectorization ACCURACY = 72%

Classification Report shows the average accuracy which is 0.72. This is a very good result compared to the amount of data used for training and also to the previous vectorisation. predict function can be used on the model object to get the predicted class for the test data. Accuracy for positive and negative sentiments is better than neutral which makes sense as it is hard to distinguish the neutral comments compared to commonly used words in the positive and negative sentiment.

Compared to TFIDF, word2vec vectorisation the accuracy is increased. And also by comparing the performance BOW vectorisation took less time for fit and test the model.

Method 4 - Document Embeddings (Doc2Vec)

```
In [15]:
             from gensim.models.doc2vec import Doc2Vec, TaggedDocument
              # TaggedDocuments are tuple of stemmed_tokens and class lable, example is printed (scro
              documents = [TaggedDocument(doc, [i]) for i, doc in enumerate(All_movie_review_top25['1
              print(documents[1])
              # Initialize the model (try also with min count = 2,3,etc...)
              doc2vec_model = Doc2Vec(documents, vector_size=1000, window=3, min_count=1, workers=4)
              # Sample vector for the stemmed tokens
              vector = doc2vec model.infer vector(All movie review top25['lemmatized tokens'][0])
              # Printing sample vector
              print(len(vector))
              print("Top 10 values in Doc2Vec inferred vector:")
              print(vector[:10])
             TaggedDocument(['this', 'film', 'is', 'every', 'definition', 'of', 'the', 'word', 'impec
            cable', 'scorceses', 'fantastic', 'storytelling', 'ability', 'mixed', 'with', 'phenomena l', 'acting', 'from', 'dicaprio', 'hill', 'and', 'the', 'rest', 'of', 'the', 'cast', 'ma ke', 'for', 'an', 'awesome', 'combination', 'the', 'film', 'is', 'never', 'boring', 'an d', 'give', 'you', 'glimpse', 'into', 'the', 'life', 'of', 'man', 'who', 'had', 'everyth ing', 'in', 'the', 'world', 'only', 'to', 'have', 'it', 'taken', 'away'], [1])
             1000
             Top 10 values in Doc2Vec inferred vector:
             [ 0.00669052 -0.00554525  0.02067334  0.01022999 -0.00792841  0.00429593
               0.03000394 -0.00170983 0.02583175 0.00547256]
              import time
In [16]:
```

```
start time = time.time()
# Store the vectors for train data in
doc2vec_top25_filename = 'Movie_review_top25_doc2vec.csv'
with open(doc2vec top25 filename, 'w+') as doc2vec file:
    for index, row in x_train_top25.iterrows():
        model vector = doc2vec model.infer vector(row['lemmatized tokens'])
        if index == 0:
            header = ",".join(str(ele) for ele in range(1000))
            doc2vec file.write(header)
            doc2vec_file.write("\n")
        line1 = ",".join( [str(vector_element) for vector_element in model_vector] )
        doc2vec file.write(line1)
        doc2vec file.write('\n')
print("Time taken to create doc2vec vectors: " + str(time.time() - start_time))
```

Time taken to create doc2vec vectors: 89.43428301811218

```
# Load from the filename
In [19]:
          from sklearn.tree import DecisionTreeClassifier
          import time
          start time = time.time()
          doc2vec top25 df = pd.read csv(doc2vec top25 filename)
          clf decision top25 doc2vec = DecisionTreeClassifier()
          # Fit the model
          clf_decision_top25_doc2vec.fit(doc2vec_top25_df, y_train_top25['Sentiment'])
          print("Time taken to fit the model: " + str(time.time() - start time))
```

Time taken to fit the model: 25.365626335144043

```
from sklearn.metrics import classification report
In [21]:
          import time
          start_time = time.time()
          test_features_top25_doc2vec = []
          for index, row in x_test_top25.iterrows():
              model vector = doc2vec model.infer vector(row['lemmatized tokens'])
              test features top25 doc2vec.append(model vector)
          test_predictions_top25_doc2vec = clf_decision_top25_doc2vec.predict(test_features_top25_
          print(classification_report(y_test_top25['Sentiment'],test_predictions_top25_doc2vec))
          print("Time taken to predict the model " + str(time.time() - start_time))
```

	precision	recall	f1-score	support
-1 0 1	0.32 0.08 0.78	0.33 0.09 0.77	0.33 0.09 0.77	669 204 2430
accuracy macro avg weighted avg	0.39 0.65	0.40 0.64	0.64 0.40 0.64	3303 3303 3303

Time taken to predict the model 16.563765048980713

Doc2vec ACCURACY = 64%

Classification Report shows the average accuracy which is **0.64**. This is a very good result compared to the amount of data used for training and also to the previous vectorisation. predict function can be used on the model object to get the predicted class for the test data. Accuracy for positive and

negative sentiments is better than neutral which makes sense as it is hard to distinguish the neutral comments compared to commonly used words in the positive and negative sentiment.

Compared to TFIDF, word2vec, BOW vectorisation the accuracy is increased. And also by comparing the performance Doc2vec vectorisation took less time for fit and test the model.

Conclusion:

Based on my Text analysis related to Biographic movie I come to concusion that BOW Vectorization and Doc2Vec Document Embedding will provide a great accuracy in predicting the test Data . At the same Vectorisation took less time for training and test the model.