

In [22]: #bargraph Movie and Web series 500 2021.0 2013.0 2011.0 In [23]: # The number of TV shows and movies in Dataset netflix['Category'].value_counts() 5379 Movie Out[23]: TV Show 2410 Name: Category, dtype: int64 In [24]: # countplot plt.figure(figsize=(8,6)) sns.countplot(netflix['Category']) plt.title('Total Number of Movies and TV show', fontsize=12)

Total Number of Movies and TV show

Category

Director

Jorge Michel

Gilbert Chan

Shane Acker

Robert Luketic

netflix[(netflix['Category']=='Movie') & (netflix['Year']==2020.0)]

#AnneFrank - Parallel

21

122

3022

#Alive

Stories

Zaki Chan

Zoom

Zozo

Zulu Man in Japan

BAND FROM TEXAS

netflix[(netflix['Category']=='TV Show') & (netflix['Country']=='India')]

1897

7 (Seven)

Agent Raghav

Akbar Birbal

Anjaan: Rural Myths

The Creative Indians

The Golden Years with

The House That Made Me

Javed Akhtar

Typewriter

In [29]: # The record where category in movies and type is comedies and country in united kingdom

Director

NaN

NaN

NaN

Simon

NaN

Pierre

NaN

Show_Id Category Title Director Cast Country Release_Date Rating Duration Type Description Date_N Year

Deschamps

Napier-Bell

Hasraf Dulull

Yeh Meri Family

'89

100% Hotter

2036 Origin

Unknown

21 Again

Soon

Colour

Cities

Tryline

You Can Tutu James Brown

array(['4 Seasons', '93 min', '78 min', '80 min', '123 min', '1 Season',

'95 min', '119 min', '118 min', '143 min', '103 min', '89 min', '91 min', '149 min', '144 min', '124 min', '87 min', '110 min', '128 min', '117 min', '100 min', '2 Seasons', '84 min', '99 min', '90 min', '102 min', '104 min', '105 min', '56 min', '125 min', '81 min', '97 min', '106 min', '107 min', '109 min', '44 min', '75 min', '101 min', '3 Seasons', '37 min', '113 min', '114 min', '130 min', '94 min', '140 min', '135 min', '82 min', '70 min', '121 min', '92 min', '164 min', '53 min', '83 min', '116 min', '86 min', '120 min', '96 min', '126 min', '129 min', '77 min', '137 min', '148 min', '28 min', '122 min', '176 min', '85 min', '22 min', '68 min', '111 min', '29 min', '142 min', '168 min', '21 min', '59 min', '20 min', '98 min', '108 min', '76 min', '26 min', '156 min', '30 min', '57 min', '150 min', '133 min', '115 min', '154 min', '127 min', '146 min', '136 min', '88 min', '131 min', '24 min', '112 min', '74 min', '63 min', '38 min', '25 min', '174 min', '60 min', '153 min', '158 min', '151 min', '162 min', '54 min', '51 min', '69 min', '64 min', '147 min',

'42 min', '79 min', '5 Seasons', '40 min', '45 min', '172 min', '10 min', '163 min', '9 Seasons', '55 min', '72 min', '61 min', '71 min', '160 min', '171 min', '48 min', '139 min', '157 min', '15 min', '65 min', '134 min', '161 min', '62 min', '8 Seasons', '165 min', '165 min', '166 mi

'186 min', '49 min', '73 min', '58 min', '165 min', '166 min', '138 min', '159 min', '141 min', '132 min', '52 min', '67 min', '34 min', '66 min', '312 min', '180 min', '47 min', '6 Seasons', '155 min', '14 min', '177 min', '11 min', '9 min', '46 min',

'145 min', '11 Seasons', '7 Seasons', '13 Seasons', '8 min', '12 min', '12 Seasons', '10 Seasons', '43 min', '50 min', '23 min',

'185 min', '200 min', '169 min', '27 min', '170 min', '196 min', '33 min', '181 min', '204 min', '32 min', '35 min', '167 min', '16 Seasons', '179 min', '193 min', '13 min', '214 min', '17 min', '173 min', '192 min', '209 min', '187 min', '41 min', '182 min', '224 min', '233 min', '189 min', '152 min', '19 min', '15 Seasons', '208 min', '237 min', '31 min', '178 min', '230 min', '194 min',

'228 min', '195 min', '3 min', '16 min', '5 min', '18 min', '205 min', '190 min', '36 min', '201 min', '253 min', '203 min',

'191 min'], dtype=object)

In [33]: netflix.Duration.dtypes

In [38]: netflix['Duration'].max()

dtype('0')

'99 min'

Out[33]:

Out[38]:

27: Gone Too

World War II in

World's Busiest

XV: Beyond the

Title Director

NaN

Nizar

Shafi

NaN

NaN

NaN

NaN

NaN

NaN

NaN

NaN

ZZ TOP: THAT LITTLE OL'

21 Sarfarosh: Saragarhi

NaN

Movie

João Miguel, Bianca Comparato, Michel

Demián Bichir, Héctor Bonilla, Oscar

Tedd Chan, Stella Chung, Henley Hii,

Elijah Wood, John C. Reilly, Jennifer

Jim Sturgess, Kevin Spacey, Kate

Director

Robert Luketic

Yasir Al Yasiri

Sabina Fedeli,

Anna Migotto

Wael Ihsan

Peter Hewitt

Josef Fares

Sam Dunn

NaN

John Suits

Cho II

C:\Users\Pranav\.continuum\ppp\lib\site-packages\seaborn_decorators.py:36: FutureWarning: Pass the following variable as a keyword arg: x. From version 0.12, the only valid positi

Release_Date Rating Duration

TV-MA

TV-MA

PG-13

United States

United States

South Korea

Egypt

Egypt

NaN

Release_Date Rating Duration

TV-14

TV-14

TV-14

TV-G

TV-14

TV-MA

TV-PG

TV-PG

United States

United States

Sweden, Czech Republic,

United Kingdom, Canada,

December 1,

July 30, 2019

April 15, 2017

December 15,

March 31,

August 24,

June 1, 2017

March 31,

August 31,

Country Release Date Rating Duration

May 16, 2018 TV-PG

2019

2018

July 1, 2020 TV-MA

May 1, 2018 TV-MA

August 1,

February 1,

March 18,

December 31,

September 3,

2017

2019

2020

2017

2020

TV-14

TV-14

TV-MA

TV-PG

TV-14

TV-G

TV-MA

November 1,

December 20,

2017

July 19, 2019 TV-MA

2018

2018

2018

United Kingdom, Denmar...

Seasons

93 min

123 min

Country Release_Date Rating Duration

2020

June 1, 2020 TV-MA

2020

2020

May 19, 2020 TV-PG

2020

2020

2020

March 1, 2020 TV-MA

Season

Season

Season

Season

Season

Season

Seasons

Season

Season

87 min

Season

95 min

Season

70 min

Season

Season

91 min

87 min

1

1

March 19,

September 8,

July 1, 2020

January 11,

October 19,

September 25.

PG-13

R

TV-MA

TV-14

PG

TV-MA

August 14, 2020

December 23,

December 20,

November 16.

2016

2018

2017

January 1, 2020 PG-13

Type

Sci-Fi &...

Dramas

International TV Shows, TV Dramas, TV

Dramas, International Movies

Horror Movies, International Movies

123 min

95 min

91 min

99 min

95 min

109 min

88 min

99 min

44 min

90 min

International TV Shows, TV Dramas

Crime TV Shows, International TV

Kids' TV, TV Comedies, TV Dramas

International TV Shows, TV Horror,

Docuseries, International TV Shows

Docuseries, International TV Shows

International TV Shows, Reality TV

International TV Shows, TV Horror,

International TV Shows, TV

TV Mysteries

Comedies

Type

Sports Movies

Shows, Real.,

Sci-Fi & Fantasy

Documentaries

International TV...

British TV Shows, International TV

British TV Shows, Reality TV

British TV Shows, Docuseries,

British TV Shows, Docuseries

Documentaries, Sports Movies

Crime TV Shows, International TV

Children & Family Movies

Shows, TV Dramas

Action & Adventure, Independent Movies,

Description

island.

fellow..

robots hi..

card-coun...

A brilliant group of

students become card-

After an awful accident, a

Stranded when the Earth

is suddenly destroyed ...

rampages a city, a lone

Through her diary, Anne

Frank's story is retol...

An unqualified young

man has his work cut out

Dragged from civilian life,

a former superhero.. When Lebanon's Civil

War deprives Zozo of his

This documentary delves

into the mystique behi..

In one of history's greatest last

Multiple women report their

From battles of wit to fights for

From chefs and comedians to

With host Vinay Pathak, Indian

Three young friends in Goa plan to

In the summer of 1998, middle child

Mixing old footage with interviews,

Working with an artificial intelligence

In a social experiment, a group of

Explore the circumstances

Footage of the most dramatic

From Moscow to Mexico City, three

Set against the 2015 Rugby World

An incendiary hate crime stirs civil

A gifted young ballet dancer struggles

surrounding the trag...

moments from Worl...

BBC journali...

Cup, this doc...

A stylist, a hair designer and a

Writer, poet and lyricist Javed Akhtar

Spine-chilling stories of malevolent

A mix of brilliance, erudition and skill

husbands as missin...

In this documentary,

South African rapper

Nast..

Description Date_N

stands, a ba...

justice, Emp...

celebrities ret...

search an o...

Harshu bal...

Description Date_N

this is th...

to inv...

makeup artist...

daughters s...

spirits u...

enabl...

As a grisly virus

man ..

couple admitted to ...

Description Date_N

Mexico Cit..

In a future where the elite inhabit an

After a devastating earthquake hits

In a postapocalyptic world, rag-doll

A brilliant group of students become

Type

Dramas

Horror Movies

Horror Movies

Documentaries,

Thrillers

International Movies

Fi & Fantasy, Thrillers

International Movies,

International Movies

Comedies, International

Children & Family

Movies, Comedies

Documentaries

Music & M..

Musicals

International Movies,

Documentaries, Music &

Type

TV Shows

Shows, TV Act...

Movies

Dramas, International

Movies, Romantic Movies

Independent Movies, Sci-

When an army recruit is found dead, his

Date_N

2020-08-

2016-12-

2018-12-

2017-11-

2020-01-

14

23

20

16

01

2020-

01-01

2020-

06-01

2020-

03-19

2020-

09-08

2020-

07-01

2020-

05-19

2020-

01-11

2020-

10-19

2020-

09-25

03-01

12-01

2019-

07-30

04-15

2020-

03-31

2018-

12-15

2020-

2017-

06-01

2017-

03-31

2019-

07-19

2018-

08-31

05-16

2019-

11-01

12-20

2020-

07-01

2018-

05-01

2017-

08-01

2019-

02-01

2020-

03-18

2017-

12-31

2020-

09-03

Year

2020.0

2016.0

2018.0

2017.0

2020.0

Year

2020.0

2020.0

2020.0

2020.0

2020.0

2020.0

2020.0

2020.0

2020.0

2020.0

Year

2018.0

2019.0

2017.0

2020.0

2018.0

2020.0

2017.0

2017.0

2019.0

2018.0

Year

2018.0

2019.0

2018.0

2020.0

2018.0

2017.0

2019.0

2020.0

2017.0

2020.0

onal argument will be `data`, and passing other arguments without an explicit keyword will result in an error or misinterpretation.

Cast

Gomes, R..

Serrano, ...

Bosworth, Aar...

Jim Sturgess, Kevin Spacey,

Amina Khalil, Ahmed Dawood,

Kate Bosworth, Aar...

Tarek Lotfy, Ahmed...

Omar Epps, Kate Walsh,

Yoo Ah-in, Park Shin-hye

Miranda Cosgrove, Angus...

Helen Mirren, Gengher Gatti

Abdulaziz, Hassan Hosny, H...

Ahmed Helmy, Yasmin

Tim Allen, Courteney Cox,

Chevy Chase, Kate Ma...

Elias Gergi, Car...

Nasty C

Manjrekar,..

Irani

NaN

NaN

Vinay Pathak

Mikail Gandhi,..

Khurana, Ah...

Cast

Williams,..

Cox, Steven ...

Laura Morgan

Robert Powell

Borges, Joel...

Leanne Best, El...

NaN

Winehouse, Jim...

NaN

Cast Country

India

India

India

India

India

India

India

India

India

United

Kingdom

Imad Creidi, Antoinette Turk,

Luke Kenny, Mohit Raina, Mukul Dev

Rahman, Havish, Regina Cassandra,

Sharad Kelkar, Aahana Kumra, Mahesh

Kiku Sharda, Vishal Kotian, Delnaaz

Aarna Sharma, Aaryansh Malviya,

Vishesh Bansal, Mona Singh, Akarsh

netflix[(netflix['Category']=='Movie') &(netflix['Type']=='Comdies') | (netflix['Country']=='United Kingdom')]

Lee Dixon, Ian Wright, Paul Merson

Daniel Palmer, Melissa Sophia, Karen

Katee Sackhoff, Ray Fearon, Julie

Janis Joplin, Jimi Hendrix, Amy

Anita Rani, Ade Adepitan, Dan Snow

Lily O'Regan, Jeannettsy Enriquez

Adam Pålsson, Richard Dillane,

Country

Mexico

United

United

States

Cast

Singapore

plt.grid(True) plt.show()

warnings.warn(

5000

4000

8 3000

2000

1000

In [26]: netflix.head()

Show_Id

s3

s5

In [27]: #filterning

14

27

28

7783

7784

7788

86

132

340

364

533

6249

6400

6469

7294

7705

19

58

82

85

93

7670

7671

7688

7725

7740

Out[30]:

Out[31]:

Out[29]:

Out[28]:

Out[26]:

TV Show

netflix['Year']=netflix['Date_N'].dt.year

Title

23:59

In [25]: # the movies and tv shows are relase in 2020

Movie 07:19

Category

TV Show

Movie

Movie

Movie

Show_Id Category

Movie

s5

s7

s15

s28

s29

s7761

s7782

s7783

s7785

s7787

1313 rows × 13 columns

In [28]: # the TV show realsed in india

s133

s365

s6399

s6468

71 rows × 13 columns

Show_Id Category

TV Show

TV Show

TV Show

s341 TV Show

s534 TV Show

s6249 TV Show

s7293 TV Show

s7704 TV Show

the TV show realsed in india

Movie

Movie

Movie

TV Show

Movie

Movie

In [30]: # Movies and TV show , Tedd Chans was cast

netflix['Duration'].unique()

s7739 TV Show Young Wallander

netflix[netflix['Cast']=='Richard Dillane']

In [31]: # the maximum duration of a movies/ tv show on netflix

TV Show

TV Show

Show_Id Category

s20

s59

s83

s86

s94

s7670

s7687

s7724

397 rows × 13 columns

s7669 TV Show

TV Show

TV Show

01