Netflix Dataset

Big-Data Analysis with Python



This Netflix Dataset has information about the TV Shows and Movies available on Netflix till 2021.

This Dataset is Collected Flixible which is a third-party Netflix Search Engine and available on kaggle website for free.

Out[56]:

| | Show_ld | Category | Title | Director | Cast | Country | Release_Date | Rating | Duration | Туре | Description | Date_N | Year |
|---|---------|----------|-------|-------------------------|--|------------------|----------------------|--------|--------------|--|--|----------------|--------|
| 0 | s1 | TV Show | 3% | NaN | João Miguel, Bianca Comparato, Michel Gomes, R | Bra <i>z</i> il | August 14, 2020 | TV-MA | 4 Seasons | International TV Shows, TV Dramas, TV Sci- Fi & | In a future where the elite inhabit an island | 2020- 08-14 | 2020.0 |
| 1 | s2 | Movie | 07:19 | Jorge Michel Grau | Demián Bichir, Héctor Bonilla, Oscar Serrano, | Mexico | December 23, 2016 | TV-MA | 93 min | Dramas, International Movies | After a devastating earthquake hits Mexico Cit | 2016- 12-23 | 2016.0 |
| 2 | s3 | Movie | 23:59 | Gilbert Chan | Tedd Chan, Stella Chung, Henley Hii, Lawrence | Singapore | December 20, 2018 | R | 78 min | Horror Movies, International Movies | When an army recruit is found dead, his fellow | 2018- 12-20 | 2018.0 |
| 3 | s4 | Movie | 9 | Shane Acker | Elijah Wood, John C. Reilly, Jennifer Connelly | United States | November 16, 2017 | PG-13 | 80 min | Action & Adventure, Independent Movies, Sci-Fi | In a postapocalyptic world, rag-doll robots hi | 2017- 11-16 | 2017.0 |
| 4 | s5 | Movie | 21 | Robert Luketic | Jim Sturgess, Kevin Spacey, Kate Bosworth, Aar | United States | January 1, 2020 | PG-13 | 123 min | Dramas | Abrilliant group of students become card-coun | 2020- 01-01 | 2020.0 |
| 5 | s6 | TV Show | 46 | Serdar Akar | Erdal Beşikçioğlu, Yasemin Allen, Melis Birkan | Turkey | July 1, 2017 | TV-MA | 1 Season | International TV Shows, TV Dramas, TV Mysteries | Agenetics professor experiments with a treatm | 2017- 07-01 | 2017.0 |
| 6 | s7 | Movie | 122 | Yasir Al Yasiri | Amina Khalil, Ahmed Dawood, Tarek Lotfy, Ahmed | Egypt | June 1, 2020 | TV-MA | 95 min | Horror Movies, International Movies | After an awful accident, a couple admitted to | 2020- 06-01 | 2020.0 |

Getting some information about the dataset:

1.Head()

In [57]: 1 data.head(2)

Out[57]:

| | Show_ld | Category | Title | Director | Cast | Country | Release_Date | Rating | Duration | Туре | Description | Date_N | Year |
|---|------------|----------|-------|-------------------------|---|---------|----------------------|--------|--------------|---|---|----------------|--------|
| 0 | s 1 | TV Show | 3% | NaN | João Miguel, Bianca Comparato, Michel Gomes, R | Brazil | August 14, 2020 | TV-MA | 4 Seasons | International TV Shows, TV Dramas, TV Sci-Fi & | In a future where the elite inhabit an island | 2020- 08-14 | 2020.0 |
| 1 | s 2 | Movie | 07:19 | Jorge Michel Grau | Demián Bichir, Héctor Bonilla, Oscar Serrano, | Mexico | December 23, 2016 | TV-MA | 93 min | Dramas, International Movies | After a devastating earthquake hits Mexico Cit | 2016- 12-23 | 2016.0 |

2.Tail()

In [58]: 1 da

1 data.tail(2)

Out[58]:

| · | Show_ld | Category | Title | Director | Cast | Country | Release_Date | Rating | Duration | Туре | Description | Date_N | Year |
|-------|-----------------|----------|---|-------------|-------------------------------------|---|---------------------|--------|-------------|--|---|----------------|--------|
| 77 | 37 s7786 | TV Show | Zumbo's Just Desserts | NaN | Adriano Zumbo, Rachel Khoo | Australia | October 31, 2020 | TV-PG | 1 Season | International TV Shows, Reality TV | Dessert wizard Adriano Zumbo looks for the nex | 2020- 10-31 | 2020.0 |
| 77 | 38 s7787 | Movie | ZZ TOP: THAT LITTLE OL' BAND FROM TEXAS | Sam Dunn | NaN | United Kingdom, Canada, United States | March 1, 2020 | TV-MA | 90 min | Documentaries, Music & Musicals | This documentary delves into the mystique behi | 2020- 03-01 | 2020.0 |

3.Shape

In [5]: 1 data.shape

Out[5]: (7789, 11)

4.Size

```
In [6]: 1 data.size
```

Out[6]: 85679

5.Columns

6.dtypes

```
In [8]:
          1 data.dtypes
Out[8]: Show_Id
                        object
                        object
        Category
        Title
                        object
        Director
                        object
                        object
        Cast
                        object
        Country
        Release_Date
                        object
        Rating
                        object
        Duration
                        object
                        object
        Type
        Description
                        object
        dtype: object
```

7.Info()

```
1 data.info()
<class 'pandas.core.frame.DataFrame'>
RangeIndex: 7789 entries, 0 to 7788
Data columns (total 11 columns):
                  Non-Null Count Dtype
    Column
    Show Id
                  7789 non-null
                                   object
0
    Category
                                   object
                  7789 non-null
 2
    Title
                  7789 non-null
                                   object
                                   object
    Director
                  5401 non-null
 3
                                   object
                  7071 non-null
    Cast
    Country
                  7282 non-null
                                   object
 5
    Release Date 7779 non-null
                                   object
                                   object
7
    Rating
                  7782 non-null
    Duration
                  7789 non-null
                                   object
8
    Type
                  7789 non-null
                                   object
10 Description
                  7789 non-null
                                   object
dtypes: object(11)
memory usage: 669.5+ KB
```

Task. 1) Is there any Duplicate Record in this dataset? If yes, then remove the duplicate records.

Duplicate()

In [9]:

In [10]: 1 data[data.duplicated()]

Out[10]: Show_ld Category Title Director Cast Country Release_Date Rating Duration Type Description

| | Show_ld | Category | Title | Director | Cast | Country | Release_Date | Rating | Duration | Туре | Description |
|------|---------|----------|----------------------|-------------------|--|------------------|----------------------|--------|----------|---|---|
| 6300 | s684 | Movie | Backfire | Dave Patten | Black Deniro, Byron "Squally" Vinson, Dominic | United States | April 5, 2019 | TV-MA | 97 min | Dramas, Independent Movies, Thrillers | When two would-be robbers accidentally kill a |
| 6622 | s6621 | Movie | The Lost Okoroshi | Abba T. Makama | Seun Ajayi, Judith Audu, Tope Tedela, Ifu Enna | Nigeria | September 4, 2020 | TV-MA | 94 min | Comedies, Dramas, Independent Movies | Adisillusioned security guard transforms into |

```
In [11]: 1 data.drop_duplicates(inplace = True)
```

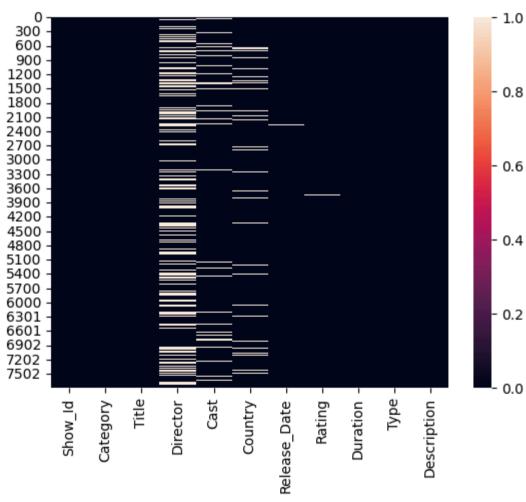
Task. 2) Is there any Null Value present in any column? Show with Heat-map.

Isnull()

```
In [59]:
            1 data.isnull().head(2)
Out[59]:
              Show_ld Category
                                Title Director
                                              Cast Country Release_Date Rating Duration Type Description Date_N
                 False
                         False False
                                        True False
                                                      False
                                                                         False
                                                                                  False False
                                                                                                   False
                                                                                                          False False
           0
                                                                   False
                False
                         False False
                                                                                  False False
                                                                                                          False False
                                       False False
                                                      False
                                                                   False
                                                                         False
                                                                                                   False
In [15]:
            1 data.isnull().sum()
Out[15]: Show Id
                                0
          Category
                                0
          Title
                                0
          Director
                            2388
          Cast
                             718
                              507
          Country
          Release_Date
                               10
          Rating
                                7
          Duration
                                0
                                0
          Type
          Description
          dtype: int64
```

Seaborn Library (Heat-Map)

```
In [16]: 1 import seaborn as sns
In [17]: 1 sns.heatmap(data.isnull())
Out[17]: <Axes: >
```



Q.1. House of Cards what is the show id and who is the director the show?

Isin()

```
In [18]:
              1 data[data['Title'].isin(['House of Cards'])]
Out[18]:
                   Show_ld Category
                                            Title
                                                               Director
                                                                                      Cast
                                                                                              Country
                                                                                                        Release Date Rating
                                                                                                                                Duration
                                                                                                                                                 Type
                                                                                                                                                                Description
                                                    Robin Wright, David
                                                                        Kevin Spacey, Robin
                                                                                                                                                         Aruthless politician
                                                                                                                                           TV Dramas,
                                        House of
                                                                                               United
                                                                                                          November 2,
                                                                                                                       TV-MA
             2832
                      s2833
                              TV Show
                                                        Fincher, Gerald
                                                                          Wright, Kate Mara,
                                                                                                                                                        will stop at nothing to
                                           Cards
                                                                                               States
                                                                                                                2018
                                                                                                                               Seasons
                                                                                                                                           TV Thrillers
                                                          McRaney, J...
                                                                                  Corey S...
```

Q.2. Which year highest numbers of TV Shows and Movies were released? Show with Bar Graph.

To_DateTime

```
In [19]:
              1 data['Date N'] = pd.to datetime(data['Release Date'])
In [60]:
              1 data.head(2)
Out[60]:
                                     Title
                Show_ld Category
                                             Director
                                                                    Cast Country
                                                                                     Release_Date Rating
                                                                                                            Duration
                                                                                                                                               Description
                                                                                                                                                             Date_N
                                                                                                                                   Type
                                                                                                                                                                        Year
                                                             João Miguel,
                                                                                                                          International TV
                                                                                                                                           In a future where
                                                                                                                              Shows, TV
                                                                  Bianca
                                                                                        August 14,
             0
                                       3%
                                                                                                                                          the elite inhabit an
                           TV Show
                                                                             Brazil
                                                                                                                                                                     2020.0
                                                 NaN
                                                                                                                                                              08-14
                                                       Comparato, Michel
                                                                                                            Seasons
                                                                                             2020
                                                                                                                       Dramas, TV Sci-Fi
                                                                                                                                                  island ...
                                                              Gomes, R...
                                                                                                                                     &...
                                                Jorge
                                                           Demián Bichir,
                                                                                                                                Dramas,
                                                                                                                                          After a devastating
                                                                                     December 23,
             1
                                                           Héctor Bonilla.
                                                                                                    TV-MA
                                                                                                                                                                     2016.0
                      s2
                              Movie 07:19
                                               Michel
                                                                            Mexico
                                                                                                              93 min
                                                                                                                            International
                                                                                                                                            earthquake hits
                                                                                             2016
                                                 Grau
                                                         Oscar Serrano, ...
                                                                                                                                 Movies
                                                                                                                                               Mexico Cit...
```

dtypes

```
In [21]:
          1 data.dtypes
Out[21]: Show Id
                                 object
         Category
                                 object
         Title
                                 object
                                 object
         Director
         Cast
                                 obiect
         Country
                                 object
         Release Date
                                 object
                                 object
         Rating
         Duration
                                 object
         Type
                                 object
         Description
                                 object
         Date N
                         datetime64[ns]
         dtype: object
```

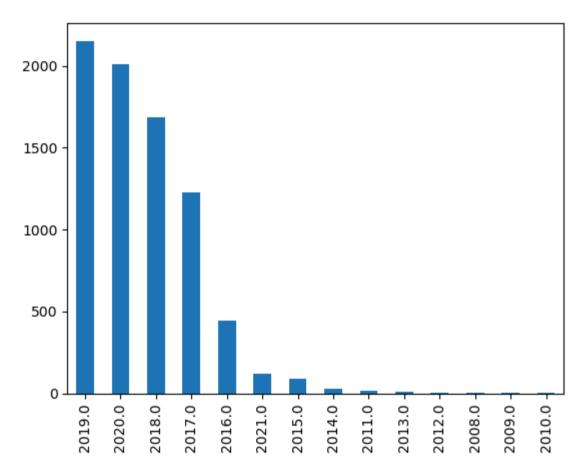
dt.year.value_counts()

```
1 data['Date_N'].dt.year.value_counts()
In [22]:
Out[22]: 2019.0
                   2153
         2020.0
                   2009
         2018.0
                   1685
         2017.0
                   1225
         2016.0
                    443
         2021.0
                    117
         2015.0
                     88
         2014.0
                     25
         2011.0
                     13
         2013.0
                     11
         2012.0
                       3
         2008.0
                       2
         2009.0
                       2
         2010.0
                       1
         Name: Date_N, dtype: int64
```

Bar Graph

```
In [23]: 1 data['Date_N'].dt.year.value_counts().plot(kind='bar')
```

Out[23]: <Axes: >



Q.3. How many Movies & TV Shows Are in the Dataset?

Groupby()

TV Show 2410

Name: Category, dtype: int64

Q.4. Show all Movies that were Released in year 2000.

Crating a new Column

Out[26]:

| _ | Show_lo | k | Category | Title | Director | Cast | Country | Release_Date | Rating | Duration | Туре | Description | Date_N | Year |
|---|-------------|---|----------|-------|-------------------------|---|---------|----------------------|--------|--------------|---|---|----------------|--------|
| | 0 s1 | I | TV Show | 3% | NaN | João Miguel, Bianca Comparato, Michel Gomes, R | Brazil | August 14, 2020 | TV-MA | 4 Seasons | International TV Shows, TV Dramas, TV Sci-Fi & | In a future where the elite inhabit an island | 2020- 08-14 | 2020.0 |
| | 1 s2 | 2 | Movie | 07:19 | Jorge Michel Grau | Demián Bichir, Héctor Bonilla, Oscar Serrano, | Mexico | December 23, 2016 | TV-MA | 93 min | Dramas, International Movies | After a devastating earthquake hits Mexico Cit | 2016- 12-23 | 2016.0 |

Filtering

Q.5. Show only the Titles of all TV Shows that were released in India.

| 28]: | 1 | data.h | iead(2) | | | | | | | | | | | |
|------|---|---------------------|----------|------------------|---|--|----------|----------------------|---------------------|--------------|---|---|----------------|--------|
| 8]: | | Show_ld | Category | Title | Director | Cast | Country | Release_Date | Rating | Duration | Туре | Description | Date_N | Year |
| | 0 | s1 | TV Show | 3% | NaN | João Miguel, Bianca Comparato, Michel Gomes, R | Brazil | August 14, 2020 | TV-MA | 4 Seasons | International TV Shows, TV Dramas, TV Sci-Fi & | In a future where the elite inhabit an island | 2020- 08-14 | 2020.0 |
| | 1 | s2 | Movie | 07:19 | Jorge Michel Grau | Demián Bichir, Héctor Bonilla, Oscar Serrano, | Mexico | December 23, 2016 | TV-MA | 93 min | Dramas, International Movies | After a devastating earthquake hits Mexico Cit | 2016- 12-23 | 2016.0 |
| ı: [| 1 | data[(| data['Ca | ategory | /']=='TV | Show') & (data | ['Countr | rv'l=='India | ')] [' ⁻ | Title'l | | | | |
| | | | | | | · · · · · · · · · · · · · · · · · · · | - | , , | /] [| | | | | |
| : | 86 | | 21 9 | Sarfaro | sh: Sara | garhi 1897 | | , , | 73 [| | | | | |
| _ | 132 | | 21 9 | Sarfaro | | 7 (Seven) | - | , , | 73.1 | J | | | | |
| | 132 340 | | 21 S | Sarfaro | Ag | 7 (Seven) ent Raghav | - | , | 71. | | | | | |
| | 132 340 364 | | 21 S | | Ag Ak | 7 (Seven) gent Raghav bar Birbal | - | , , | 71. | , | | | | |
| | 132 340 | | 21 5 | Δ | Ag Ak Anjaan: R | 7 (Seven) ent Raghav | - | , , | 73 [| | | | | |
| | 132 340 364 533 | | 21 S | Δ. | Ag Ak Anjaan: R | 7 (Seven) gent Raghav bar Birbal dural Myths | _ | , <u> </u> | 73 [| | | | | |
| | 132 340 364 533 624 | 9 | | Δ · Th | Ag Ak Anjaan: R ne Creati | 7 (Seven) gent Raghav bar Birbal dural Myths ve Indians | _ | , , | 73 [| | | | | |
| | 132 340 364 533 | 9 0 Th | | A Th Years | Ag Ak Anjaan: R ne Creati with Ja | 7 (Seven) gent Raghav bar Birbal dural Myths | _ | , <u> </u> | 7.1 [| | | | | |
| | 132 340 364 533 624 640 | 9 Ø Th 9 | | A Th Years | Ag Ak Anjaan: R ne Creati with Ja House Th | 7 (Seven) gent Raghav bar Birbal dural Myths eve Indians eved Akhtar | _ | , | 71 [| | | | | |
| | 132 340 364 533 624 640 646 | 9 0 Th 9 4 | | A Th Years | Ag Ak Anjaan: R ne Creati with Ja House Th | 7 (Seven) gent Raghav bar Birbal dural Myths eve Indians eved Akhtar hat Made Me | _ | , | 73 [| | | | | |

Q. 6) Show Top 10 Directors, who gave the highest number of TV Shows & Movies to Netflix?

```
1 data['Director'].value counts().head(10)
In [30]:
Out[30]: Raúl Campos, Jan Suter
                                    18
         Marcus Rabov
                                    16
         Jay Karas
                                    14
         Cathy Garcia-Molina
                                    13
         Jay Chapman
                                    12
         Youssef Chahine
                                    12
         Martin Scorsese
                                    12
         Steven Spielberg
                                    10
         David Dhawan
                                     9
         Hakan Algül
         Name: Director, dtype: int64
```

Q. 7) Show all the Records, where "Category is Movie and Type is Comedies" or "Country is United Kingdom".

```
In [62]: 1 data[ (data['Category']=='Movie') & (data['Type']=='Comedies') | (data['Country']=='United Kingdom')].head(2)
```

Out[62]:

| | Show_ld | Category | Title | Director | Cast | Country | Release_Date | Rating | Duration | Туре | Description | Date_N | Year |
|----|---------|----------|--------------|---------------------|---|-------------------|----------------------|--------|----------|------------------|--|----------------|--------|
| 19 | s20 | Movie | '89 | NaN | Lee Dixon, lan Wright, Paul Merson | United Kingdom | May 16, 2018 | TV-PG | 87 min | Sports Movies | Mixing old footage with interviews, this is th | 2018- 05-16 | 2018.0 |
| 33 | s34 | Movie | #realityhigh | Fernando Lebrija | Nesta Cooper, Kate Walsh, John Michael Higgins | United States | September 8, 2017 | TV-14 | 99 min | Comedies | When nerdy high schooler Dani finally attracts | 2017- 09-08 | 2017.0 |

Q. 8) In how many movies/shows, Tom Cruise was cast?

Q. 9) What are the different Ratings defined by Netflix?

```
In [34]: 1 data['Rating'].nunique()
Out[34]: 14

In [35]: 1 data['Rating'].unique()
Out[35]: array(['TV-MA', 'R', 'PG-13', 'TV-14', 'TV-PG', 'NR', 'TV-G', 'TV-Y', nan, 'TV-Y7', 'PG', 'G', 'NC-17', 'TV-Y7-FV', 'UR'], dtype=object)
```

Q. 9.1) How many Movies got the 'TV-14' rating, in Canada?

Q. 9.2) How many TV Shows got the 'R' rating, after year 2018?

```
In [39]:
             1 data[(data['Category']=='TV Show') & (data['Rating']=='R') & (data['Year']>2018)]
Out[39]:
                  Show Id Category
                                              Title
                                                      Director
                                                                          Cast Country Release_Date Rating Duration
                                                                                                                         Type
                                                                                                                                      Description
                                                                                                                                                  Date N
                                                                                                                                                             Year
                                        The Hateful
                                                                     Samuel L.
                                                                                                                                     Trapped at a
                                                                                                                                                    2019-
                                             Eight:
                                                       Quentin
                                                                  Jackson, Kurt
            6437
                     s6436 TV Show
                                                                                  NaN April 25, 2019
                                                                                                                                  stagecoach stop
                                                                                                                                                           2019.0
                                                                                                                                                    04-25
                                          Extended
                                                     Tarantino Russell, Jennifer
                                                                                                               Season
                                                                                                                       Shows
                                                                                                                                as a storm rages ...
                                            Version
                                                                        Jaso...
```

Q. 10) What is the maximum duration of a Movie/Show on Netflix?

Q. 11) Which individual country has the Highest No. of TV Shows?

```
In [43]:
             1 data tvshow = data[data['Category']=='TV Show']
In [44]:
             1 data tvshow.head(2)
Out[44]:
               Show Id Category Title
                                         Director
                                                               Cast Country Release Date Rating
                                                                                                     Duration
                                                                                                                                        Description
                                                                                                                           Type
                                                                                                                                                     Date N
                                                                                                                                                               Year
                                                                                                                  International TV
                                                  João Miguel, Bianca
                                                                                                                                    In a future where
                                                                                                                      Shows, TV
                                                                                                                                                      2020-
                                                                                  August 14,
            0
                         TV Show
                                   3%
                                                   Comparato, Michel
                                                                        Brazil
                                                                                                                                   the elite inhabit an
                                                                                                                                                             2020.0
                                            NaN
                                                                                                    Seasons
                                                                                                                Dramas, TV Sci-Fi
                                                                                                                                                      08-14
                                                                                      2020
                                                         Gomes, R...
                                                                                                                                           island ...
                                                                                                                            &...
                                                                                                                  International TV
                                                                                                                                         Agenetics
                                                    Erdal Beşikçioğlu,
                                          Serdar
                                                                                                                      Shows, TV
                                                                                                                                          professor
                                                                                                                                                             2017.0
            5
                     s6 TV Show
                                                       Yasemin Allen,
                                                                      Turkey
                                                                                July 1, 2017 TV-MA
                                                                                                      Season
                                                                                                                                                      07-01
                                            Akar
                                                                                                                     Dramas, TV
                                                                                                                                  experiments with a
                                                       Melis Birkan...
                                                                                                                       Mysteries
                                                                                                                                           treatm...
In [45]:
             1 data tvshow.Country.value counts().head(1)
Out[45]: United States
                                 705
```

Q. 12) How can we sort the dataset by Year?

Name: Country, dtype: int64

In [46]: 1 data.sort_values(by = 'Year').head(2)

Out[46]:

| | Show_ld | Category | Title | Director | Cast | Country | Release_Date | Rating | Duration | Туре | Description | Date_N | Year |
|------|---------|----------|-------------------------------|-------------------------|---|------------------|---------------------|--------|-------------|--|---|----------------|--------|
| 7115 | s7114 | Movie | To and From New York | Sorin Dan Mihalcescu | Barbara King, Shaana Diya, John Krisiukenas, Y | United States | January 1, 2008 | TV-MA | 81 min | Dramas, Independent Movies, Thrillers | While covering a story in New York City, a Sea | 2008- 01-01 | 2008.0 |
| 1765 | s1766 | TV Show | Dinner for Five | NaN | NaN | United States | February 4, 2008 | TV-MA | 1 Season | Stand-Up Comedy & Talk Shows | In each episode, four celebrities join host Jo | 2008- 02-04 | 2008.0 |

| | Show_ld | Category | y Title | Director | Cast | Country | Release_Date | Rating | Duration | Туре | e Description | Date_N | Year |
|------|-----------------------------|---------------------------|--------------------------------|-------------------------------------|---|---|--|------------------------|---------------------|--|--|--|---------------------------------|
| 5564 | 4 s5564 | Movie | Sherlock Holmes | | JUGELAW | United States, Germany, United Kingdom, Australia | January 1, 2021 | PG-13 | 128 min | Action & Adventure Comedies | e, afoot for an | 2021- 01-01 | 2021.0 |
| 5919 | 9 s5919 | Movie | e Surfs Up | Ash Brannon Chris Buck | , Jeff Bridges, Zooey | United States | January 1, 2021 | PG | 86 min | Children & Family Movies Comedies Sports Movies | s, nominated animated s, | 2021- 01-01 | 2021.0 |
| | • | | | | ory is 'Movie' an | | | | is 'TV Sho | ow' & Type is | s 'Kids' TV'. | | |
| _ | uu cu [(uu | | | , | a (adea[Type | J 21 G | /]caa(2 | - / | | | | | |
| S | Show_ld Ca | ategory T | itle Dire | ector | Cast | Country F | Release_Date F | Rating D | uration | Туре | Description | Date_N | Year |
| | | | | | | | _ | | ui u ii oi i | .,,,,, | Description | | |
| 4 | s 5 | Movie | 71 | Jir obert ketic | n Sturgess, Kevin Spacey, Kate Bosworth, Aar | United States | lanuary 1 | | I23 min D | | Abrilliant group of ents become card-coun | 2020- 01-01 | 2020.0 |
| 7 | s5 s8 | Movie Movie | Lu Lu | obert Iketic Sa Kevin | Spacey, Kate | United | January 1, | PG-13 1 | |)ramas stude Afl | Abrilliant group of ents become card- | 2020- | |
| 7 | s 8 | Movie 1 | Lu 187 k Reyr | ketic Kevin Sa | Spacey, Kate Bosworth, Aar amuel L. Jackson, John Heard, Kelly | United States United States | January 1, 2020 F November 1, 2019 | PG-13 | 123 min D |)ramas stude Afl | Abrilliant group of ents become card-coun fter one of his high school students | 2020- 01-01 2019- | 2020.0 |
| 7 | s 8 | Movie 1 | Lu 187 k Reyr | ketic Kevin holds - 'TV Show | Spacey, Kate Bosworth, Aar amuel L. Jackson, John Heard, Kelly Rowan, Cl | United States United States pe']=="Kid | January 1, 2020 November 1, 2019 | PG-13 R | 123 min D | Pramas stude Afl | Abrilliant group of ents become card-coun fter one of his high school students | 2020- 01-01 2019- | 2020.0 |
| 7 | s8 data[(da Show_Id | Movie 1 | 21 Lu 187 Reyr egory']== | ketic Kevin nolds - 'TV Show | Spacey, Kate Bosworth, Aar amuel L. Jackson, John Heard, Kelly Rowan, Cl ') & (data['Ty | United States United States pe']=="Kidet Country of the Country | January 1, 2020 November 1, 2019 ds' TV")].he | PG-13 Read(2) | 123 min D | on Type 2 Kids' | Abrilliant group of ents become card-coun fter one of his high school students attacks | 2020- 01-01 2019- 11-01 | 2020.0 |
| 7 | s8 data[(da Show_ld s112 | Movie 1 ta['Cate Category | 21 Lu 187 Reyr egory']== | Kevin Sanolds - 'TV Show Director | Spacey, Kate Bosworth, Aar amuel L. Jackson, John Heard, Kelly Rowan, Cl ') & (data['Ty Cas Sarah Natochenny Suzy Myers, Simona | United States United States t Country t United States | January 1, 2020 November 1, 2019 ds' TV")].he y Release_Dat October 2 202 d July 1, 202 | PG-13 Read(2) Re Ratin | g Duration 7 Seasor | Oramas stude After Afte | Abrilliant group of ents become card- coun fter one of his high school students attacks Description Paw-esome tales abound when | 2020- 01-01 2019- 11-01 Date_N | 2020.0 2019.0 Year |

In [47]: 1 data.sort_values(by = 'Year', ascending = False).head(2)

In [50]: 1 data[(data['Category']=='Movie') & (data['Type']=='Dramas') | (data['Category']=='TV Show') & (data['Type']=="Kids' TV

Out[50]:

| | Show_ld | Category | Title | Director | Cast | Country | Release_Date | Rating | Duration | Type | Description | Date_N | Year |
|-----|---------|----------|---------------------------------|-------------------|---|-----------------------------|----------------------|--------|--------------|----------|---|----------------|--------|
| 4 | s5 | Movie | 21 | Robert Luketic | Jim Sturgess, Kevin Spacey, Kate Bosworth, Aar | United States | January 1, 2020 | PG-13 | 123 min | Dramas | Abrilliant group of students become card-coun | 2020- 01-01 | 2020.0 |
| 7 | s8 | Movie | 187 | Kevin Reynolds | Samuel L. Jackson, John Heard, Kelly Rowan, Cl | United States | November 1, 2019 | R | 119 min | Dramas | After one of his high school students attacks | 2019- 11-01 | 2019.0 |
| 111 | s112 | TV Show | 44 Cats | NaN | Sarah Natochenny, Suzy Myers , Simona Berman , E | ltaly | October 1, 2020 | TV-Y7 | 2 Seasons | Kids' TV | Paw-esome tales abound when singing furry frie | 2020- 10-01 | 2020.0 |
| 170 | s171 | Movie | AFamily Man | Mark Williams | Gerard Butler, Gretchen Mol, Alison Brie, Will | Canada, United States | December 15, 2019 | R | 110 min | Dramas | Aruthless corporate headhunter battles his ri | 2019- 12-15 | 2019.0 |
| 232 | s233 | Movie | AStoning in Fulham County | Larry Elikann | Ken Olin, Jill Eikenberry, Maureen Mueller, Gr | United States | October 1, 2011 | TV-14 | 95 min | Dramas | After reckless teens kill an Amish child, a pr | 2011- 10-01 | 2011.0 |