netflix-project

May 29, 2023

```python
[46]:  # Importing required libraries
       import numpy as np
       import pandas as pd
       import matplotlib.pyplot as plt
       import seaborn as sns
```

```python
[100]:  df = pd.read_csv('/content/sample_data/netflix_project.csv')
        df.head()
```

```
[100]:    show_id     type                  title          director  \
       0      s1    Movie   Dick Johnson Is Dead  Kirsten Johnson
       1      s2  TV Show         Blood & Water               NaN
       2      s3  TV Show             Ganglands  Julien Leclercq
       3      s4  TV Show  Jailbirds New Orleans               NaN
       4      s5  TV Show          Kota Factory               NaN

                                                      cast        country  \
       0                                              NaN  United States
       1  Ama Qamata, Khosi Ngema, Gail Mabalane, Thaban…   South Africa
       2  Sami Bouajila, Tracy Gotoas, Samuel Jouy, Nabi…            NaN
       3                                              NaN            NaN
       4  Mayur More, Jitendra Kumar, Ranjan Raj, Alam K…          India

                  date_added  release_year rating    duration  \
       0  September 25, 2021          2020  PG-13      90 min
       1  September 24, 2021          2021  TV-MA   2 Seasons
       2  September 24, 2021          2021  TV-MA    1 Season
       3  September 24, 2021          2021  TV-MA    1 Season
       4  September 24, 2021          2021  TV-MA   2 Seasons

                                               listed_in  \
       0                                   Documentaries
       1     International TV Shows, TV Dramas, TV Mysteries
       2  Crime TV Shows, International TV Shows, TV Act…
       3                        Docuseries, Reality TV
       4  International TV Shows, Romantic TV Shows, TV …
```

1

```
                          description
0   As her father nears the end of his life, filmm…
1   After crossing paths at a party, a Cape Town t…
2   To protect his family from a powerful drug lor…
3   Feuds, flirtations and toilet talk go down amo…
4   In a city of coaching centers known to train I…
```

[48]: `df.shape # Provided dataset contains 8807 rows and 12 columns`

[48]: (8807, 12)

[101]: `df.info()   # Shows the count and data types of all columns`

```
<class 'pandas.core.frame.DataFrame'>
RangeIndex: 8807 entries, 0 to 8806
Data columns (total 12 columns):
 #   Column        Non-Null Count  Dtype
---  ------        --------------  -----
 0   show_id       8807 non-null   object
 1   type          8807 non-null   object
 2   title         8807 non-null   object
 3   director      6173 non-null   object
 4   cast          7982 non-null   object
 5   country       7976 non-null   object
 6   date_added    8797 non-null   object
 7   release_year  8807 non-null   int64
 8   rating        8803 non-null   object
 9   duration      8804 non-null   object
 10  listed_in     8807 non-null   object
 11  description   8807 non-null   object
dtypes: int64(1), object(11)
memory usage: 825.8+ KB
```

[51]: `df.columns    # Name of columns in dataset`

[51]: Index(['show_id', 'type', 'title', 'director', 'cast', 'country', 'date_added',
        'release_year', 'rating', 'duration', 'listed_in', 'description'],
       dtype='object')

[52]: `df.describe() # Shows stats of all columns having data type = integer`

[52]:
```
        release_year
count   8807.000000
mean    2014.180198
std        8.819312
min     1925.000000
25%     2013.000000
```

```
50%      2017.000000
75%      2019.000000
max      2021.000000
```

[102]: `df.isna().sum()` *# Gives the serires of total null values present in each column*

[102]:
```
show_id          0
type             0
title            0
director      2634
cast           825
country        831
date_added      10
release_year     0
rating           4
duration         3
listed_in        0
description      0
dtype: int64
```

0.0.1 Handling Missing Values and DataTypes

[103]:
```python
# Changing datatype of date_added to Datetime64 from object

df['date_added'] = pd.to_datetime(df['date_added'])
df.head()
```

[103]:
```
   show_id     type                    title          director  \
0       s1    Movie    Dick Johnson Is Dead  Kirsten Johnson
1       s2  TV Show           Blood & Water              NaN
2       s3  TV Show               Ganglands  Julien Leclercq
3       s4  TV Show   Jailbirds New Orleans              NaN
4       s5  TV Show             Kota Factory              NaN


                                               cast        country  \
0                                               NaN  United States
1  Ama Qamata, Khosi Ngema, Gail Mabalane, Thaban…   South Africa
2  Sami Bouajila, Tracy Gotoas, Samuel Jouy, Nabi…            NaN
3                                               NaN            NaN
4  Mayur More, Jitendra Kumar, Ranjan Raj, Alam K…          India

  date_added  release_year rating   duration  \
0 2021-09-25          2020  PG-13     90 min
1 2021-09-24          2021  TV-MA  2 Seasons
2 2021-09-24          2021  TV-MA   1 Season
3 2021-09-24          2021  TV-MA   1 Season
4 2021-09-24          2021  TV-MA  2 Seasons
```

```
                                          listed_in  \
0                                      Documentaries
1        International TV Shows, TV Dramas, TV Mysteries
2  Crime TV Shows, International TV Shows, TV Act…
3                              Docuseries, Reality TV
4  International TV Shows, Romantic TV Shows, TV …


                                         description
0  As her father nears the end of his life, filmm…
1  After crossing paths at a party, a Cape Town t…
2  To protect his family from a powerful drug lor…
3  Feuds, flirtations and toilet talk go down amo…
4  In a city of coaching centers known to train I…
```

[104]:
```python
df.fillna({'director' : 'No Info',
           'cast' : 'No Info',
           'country' : 'No Info',
           'rating' : 'No Info'}, inplace = True)
df.isna().sum()  # All missing values are filled by "No Info", hence zero null␣
  ↪values for each column
```

[104]:
```
show_id         0
type            0
title           0
director        0
cast            0
country         0
date_added     10
release_year    0
rating          0
duration        3
listed_in       0
description     0
dtype: int64
```

[105]:
```python
df[df.date_added.isnull()] # Gives the list of data having date_added null value
```

[105]:
```
      show_id     type                                         title director  \
6066    s6067  TV Show  A Young Doctor's Notebook and Other Stories  No Info
6174    s6175  TV Show                Anthony Bourdain: Parts Unknown  No Info
6795    s6796  TV Show                                       Frasier  No Info
6806    s6807  TV Show                                       Friends  No Info
6901    s6902  TV Show                               Gunslinger Girl  No Info
7196    s7197  TV Show                                       Kikoriki  No Info
7254    s7255  TV Show                         La Familia P. Luche  No Info
7406    s7407  TV Show                                         Maron  No Info
```

4

```
7847   s7848  TV Show                           Red vs. Blue  No Info
8182   s8183  TV Show         The Adventures of Figaro Pho  No Info

                                          cast          country  \
6066  Daniel Radcliffe, Jon Hamm, Adam Godley, Chris…  United Kingdom
6174                            Anthony Bourdain   United States
6795  Kelsey Grammer, Jane Leeves, David Hyde Pierce…   United States
6806  Jennifer Aniston, Courteney Cox, Lisa Kudrow, …   United States
6901  Yuuka Nanri, Kanako Mitsuhashi, Eri Sendai, Am…          Japan
7196                                Igor Dmitriev        No Info
7254  Eugenio Derbez, Consuelo Duval, Luis Manuel Áv…   United States
7406  Marc Maron, Judd Hirsch, Josh Brener, Nora Zeh…   United States
7847  Burnie Burns, Jason Saldaña, Gustavo Sorola, G…   United States
8182  Luke Jurevicius, Craig Behenna, Charlotte Haml…       Australia

      date_added  release_year rating    duration  \
6066        NaT          2013  TV-MA   2 Seasons
6174        NaT          2018  TV-PG   5 Seasons
6795        NaT          2003  TV-PG  11 Seasons
6806        NaT          2003  TV-14  10 Seasons
6901        NaT          2008  TV-14   2 Seasons
7196        NaT          2010   TV-Y   2 Seasons
7254        NaT          2012  TV-14   3 Seasons
7406        NaT          2016  TV-MA   4 Seasons
7847        NaT          2015     NR  13 Seasons
8182        NaT          2015  TV-Y7   2 Seasons

                                        listed_in  \
6066        British TV Shows, TV Comedies, TV Dramas
6174                                     Docuseries
6795               Classic & Cult TV, TV Comedies
6806               Classic & Cult TV, TV Comedies
6901                 Anime Series, Crime TV Shows
7196                                        Kids' TV
7254  International TV Shows, Spanish-Language TV Sh…
7406                                     TV Comedies
7847  TV Action & Adventure, TV Comedies, TV Sci-Fi …
8182                          Kids' TV, TV Comedies

                                        description
6066  Set during the Russian Revolution, this comic …
6174  This CNN original series has chef Anthony Bour…
6795  Frasier Crane is a snooty but lovable Seattle …
6806  This hit sitcom follows the merry misadventure…
6901  On the surface, the Social Welfare Agency appe…
7196  A wacky rabbit and his gang of animal pals hav…
7254  This irreverent sitcom featues Ludovico, Feder…
```

```
7406  Marc Maron stars as Marc Maron, who interviews…
7847  This parody of first-person shooter games, mil…
8182  Imagine your worst fears, then multiply them: …
```

0.1 Date_added null values

We will fill the null values in date_added by the recent date as Netfix has maximum content after
2021 and it keeps adding content.

```
[106]:  recent_date = df['date_added'].max()
```

```
[107]:  recent_date
```

```
[107]:  Timestamp('2021-09-25 00:00:00')
```

```
[108]:  df.fillna({'date_added' : recent_date}, inplace = True)
```

```
<ipython-input-108-2e0d0b5c1e01>:1: DeprecationWarning: In a future version,
`df.iloc[:, i] = newvals` will attempt to set the values inplace instead of
always setting a new array. To retain the old behavior, use either
`df[df.columns[i]] = newvals` or, if columns are non-unique, `df.isetitem(i,
newvals)`
  df.fillna({'date_added' : recent_date}, inplace = True)
```

```
[109]:  df[df.show_id == 's8183']   # Here NaT is changed by the recent date
```

```
[109]:        show_id     type                        title director  \
        8182   s8183   TV Show  The Adventures of Figaro Pho  No Info

                                                  cast    country date_added  \
        8182  Luke Jurevicius, Craig Behenna, Charlotte Haml…  Australia 2021-09-25

              release_year rating   duration             listed_in  \
        8182          2015  TV-Y7  2 Seasons  Kids' TV, TV Comedies

                                               description
        8182  Imagine your worst fears, then multiply them: …
```

1 Duration null values

```
[110]:  df[df.duration.isnull()]
```

```
[110]:        show_id    type                                title    director  \
        5541   s5542  Movie                      Louis C.K. 2017  Louis C.K.
        5794   s5795  Movie               Louis C.K.: Hilarious  Louis C.K.
        5813   s5814  Movie  Louis C.K.: Live at the Comedy Store  Louis C.K.
```

```
            cast        country date_added  release_year  rating duration  \
5541  Louis C.K.  United States 2017-04-04          2017  74 min      NaN
5794  Louis C.K.  United States 2016-09-16          2010  84 min      NaN
5813  Louis C.K.  United States 2016-08-15          2015  66 min      NaN

        listed_in                                        description
5541     Movies  Louis C.K. muses on religion, eternal love, gi…
5794     Movies  Emmy-winning comedy writer Louis C.K. brings h…
5813     Movies  The comic puts his trademark hilarious/thought…
```

Here we can see that entry in rating columnn is wrong as it is the entry of duration column hence we will exchange the entries in both column among each other.

```
[111]: df[df.director == 'Louis C.K.']
```

```
[111]:       show_id   type                                    title    director  \
       5541   s5542  Movie                         Louis C.K. 2017  Louis C.K.
       5794   s5795  Movie                 Louis C.K.: Hilarious  Louis C.K.
       5813   s5814  Movie  Louis C.K.: Live at the Comedy Store  Louis C.K.

                  cast        country date_added  release_year  rating duration  \
       5541  Louis C.K.  United States 2017-04-04          2017  74 min      NaN
       5794  Louis C.K.  United States 2016-09-16          2010  84 min      NaN
       5813  Louis C.K.  United States 2016-08-15          2015  66 min      NaN

              listed_in                                        description
       5541     Movies  Louis C.K. muses on religion, eternal love, gi…
       5794     Movies  Emmy-winning comedy writer Louis C.K. brings h…
       5813     Movies  The comic puts his trademark hilarious/thought…
```

To check if additional data is available for this director or not to avoid overwriting.

```
[112]: # exchanging the entries
       df.loc[df['director'] == 'Louis C.K.', 'duration'] = df['rating']
```

```
[113]: df.loc[df['director'] == 'Louis C.K.', 'rating'] = 'No Info'
```

```
[114]: df[df.director == 'Louis C.K.'].head()
```

```
[114]:       show_id   type                                    title    director  \
       5541   s5542  Movie                         Louis C.K. 2017  Louis C.K.
       5794   s5795  Movie                 Louis C.K.: Hilarious  Louis C.K.
       5813   s5814  Movie  Louis C.K.: Live at the Comedy Store  Louis C.K.

                  cast        country date_added  release_year   rating duration  \
       5541  Louis C.K.  United States 2017-04-04          2017  No Info   74 min
       5794  Louis C.K.  United States 2016-09-16          2010  No Info   84 min
       5813  Louis C.K.  United States 2016-08-15          2015  No Info   66 min
```

```
         listed_in                                              description
5541     Movies     Louis C.K. muses on religion, eternal love, gi…
5794     Movies     Emmy-winning comedy writer Louis C.K. brings h…
5813     Movies     The comic puts his trademark hilarious/thought…
```

[115]: `df.isna().sum()  # All missing values are filled`

[115]:
```
show_id         0
type            0
title           0
director        0
cast            0
country         0
date_added      0
release_year    0
rating          0
duration        0
listed_in       0
description     0
dtype: int64
```

2 Non-Graphical Analysis: Value counts and unique attributes

Types of shows and their value counts

[67]: `df.type.value_counts()`

[67]:
```
Movie      6131
TV Show    2676
Name: type, dtype: int64
```

There are 6131 movies and 2676 shows are available on netflix.

Country wise content analysis

[68]: `df['country'].value_counts().head(10)`

[68]:
```
United States     2818
India              972
No Info            831
United Kingdom     419
Japan              245
South Korea        199
Canada             181
Spain              145
France             124
```

8

```
Mexico            110
Name: country, dtype: int64
```

Above are the top 10 countries contentwise.

Content type analysis of countries

[69]: `df.loc[df['type'] == 'Movie']['country'].value_counts().head(10)`

[69]:
```
United States      2058
India               893
No Info             440
United Kingdom      206
Canada              122
Spain                97
Egypt                92
Nigeria              86
Indonesia            77
Turkey               76
Name: country, dtype: int64
```

[70]: `df.loc[df['type'] == 'TV Show']['country'].value_counts().head(10)`

[70]:
```
United States      760
No Info            391
United Kingdom     213
Japan              169
South Korea        158
India               79
Taiwan              68
Canada              59
France              49
Australia           48
Name: country, dtype: int64
```

2.0.1 Popular ratings on netflix

[71]: `df.rating.value_counts().head(10)  # Gives most popular content ratingwise on`
`netflix`

[71]:
```
TV-MA    3207
TV-14    2160
TV-PG     863
R         799
PG-13     490
TV-Y7     334
TV-Y      307
PG        287
```

```
TV-G        220
NR           80
Name: rating, dtype: int64
```

2.1 Yearwise content produced on Netflix

```
[72]: df_year = df.release_year.value_counts().head(20)
      df_year
```

```
[72]: 2018    1147
      2017    1032
      2019    1030
      2020     953
      2016     902
      2021     592
      2015     560
      2014     352
      2013     288
      2012     237
      2010     194
      2011     185
      2009     152
      2008     136
      2006      96
      2007      88
      2005      80
      2004      64
      2003      61
      2002      51
      Name: release_year, dtype: int64
```

2.2 Popular Genres

```
[73]: df.listed_in.value_counts().head(20)
```

```
[73]: Dramas, International Movies                        362
      Documentaries                                      359
      Stand-Up Comedy                                    334
      Comedies, Dramas, International Movies              274
      Dramas, Independent Movies, International Movies    252
      Kids' TV                                           220
      Children & Family Movies                           215
      Children & Family Movies, Comedies                 201
      Documentaries, International Movies                 186
      Dramas, International Movies, Romantic Movies       180
      Comedies, International Movies                      176
```

```
Comedies, International Movies, Romantic Movies       152
Dramas                                                138
Dramas, International Movies, Thrillers               134
Action & Adventure, Dramas, International Movies      132
Action & Adventure                                    128
International TV Shows, TV Dramas                      121
Comedies, Dramas, Independent Movies                  116
Crime TV Shows, International TV Shows, TV Dramas      110
Comedies                                              110
Name: listed_in, dtype: int64
```

2.2.1 Yearwise and contentwise analysis

```
[74]: df_year_typ = pd.crosstab(df['release_year'], df['type'])  # This provides type
      ↪of contents produced on year basis
      df_year_typ
```

```
[74]: type          Movie  TV Show
      release_year
      1925              0        1
      1942              2        0
      1943              3        0
      1944              3        0
      1945              3        1
      …               …        …
      2017            767      265
      2018            767      380
      2019            633      397
      2020            517      436
      2021            277      315

      [74 rows x 2 columns]
```

```
[75]: df_year_typ = pd.crosstab(df['release_year'], df['type']).tail(12)
      df_year_typ
```

```
[75]: type          Movie  TV Show
      release_year
      2010            154       40
      2011            145       40
      2012            173       64
      2013            225       63
      2014            264       88
      2015            398      162
      2016            658      244
      2017            767      265
      2018            767      380
```

11

```
2019              633      397
2020              517      436
2021              277      315
```
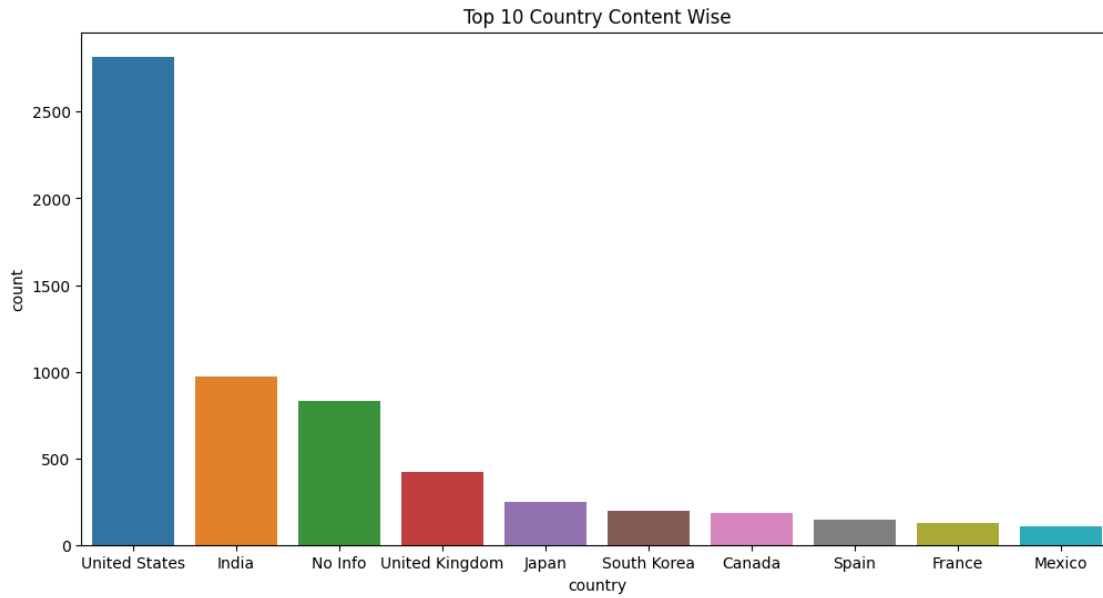
3 Visualisation

```
[78]: sns.countplot(data = df,
                     x = 'type',).set(title = 'Show type vs count')
```

```
[78]: [Text(0.5, 1.0, 'Show type vs count')]
```
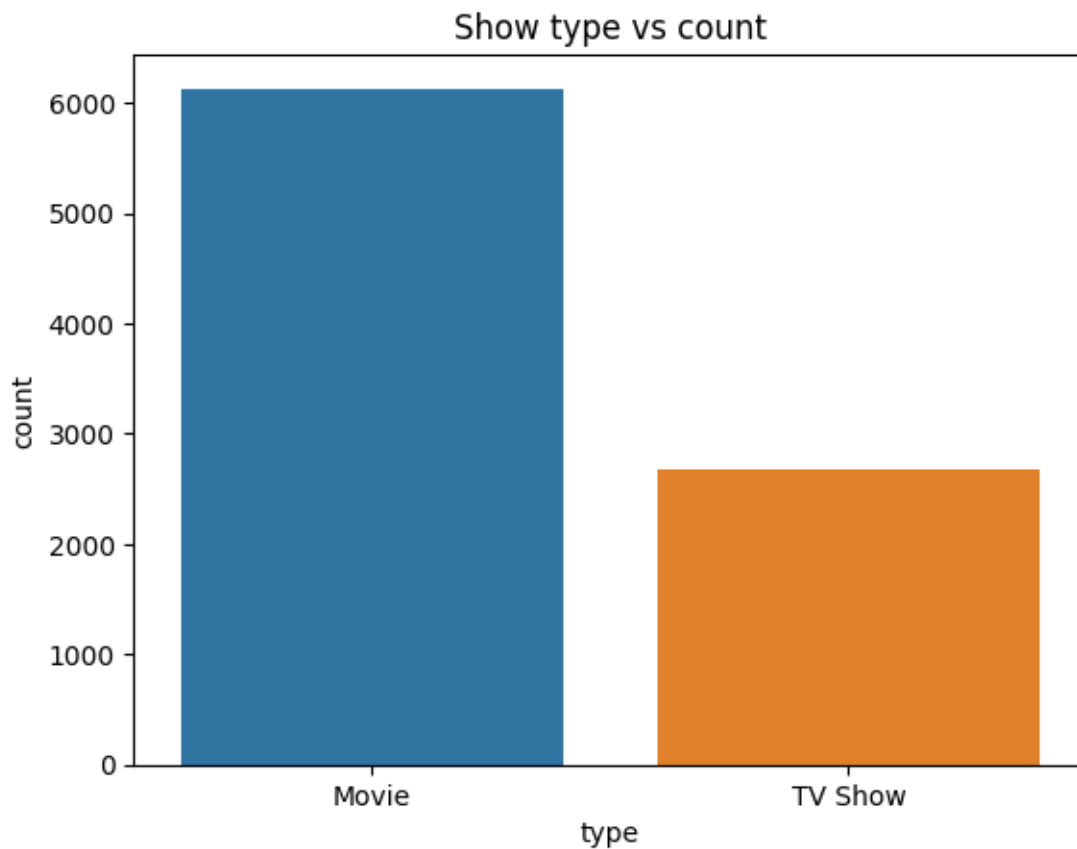


```
[79]: plt.figure(figsize = (12,6))
      sns.countplot(data = df,
                    order = df['country'].value_counts().index[0:10],
                    x = 'country').set(title = 'Top 10 Country Content Wise')
```

```
[79]: [Text(0.5, 1.0, 'Top 10 Country Content Wise')]
```

Top 10 countries based on movies

```
[80]: df_mov = df[df['type'] == 'Movie']
      df_mov.head()
```

```
[80]:    show_id   type                             title  \
      0       s1  Movie             Dick Johnson Is Dead
      6       s7  Movie  My Little Pony: A New Generation
      7       s8  Movie                           Sankofa
      9      s10  Movie                      The Starling
      12     s13  Movie                       Je Suis Karl


                           director  \
      0             Kirsten Johnson
      6    Robert Cullen, José Luis Ucha
      7                 Haile Gerima
      9               Theodore Melfi
      12          Christian Schwochow


                                             cast  \
      0                                        No Info
      6     Vanessa Hudgens, Kimiko Glenn, James Marsden, …
      7     Kofi Ghanaba, Oyafunmike Ogunlano, Alexandra D…
      9     Melissa McCarthy, Chris O'Dowd, Kevin Kline, T…
      12    Luna Wedler, Jannis Niewöhner, Milan Peschel, …


                                       country date_added  \
```

```
0                             United States  2021-09-25
6                                   No Info  2021-09-24
7   United States, Ghana, Burkina Faso, United Kin…  2021-09-24
9                             United States  2021-09-24
12                      Germany, Czech Republic  2021-09-23


    release_year rating duration  \
0           2020  PG-13   90 min
6           2021     PG   91 min
7           1993  TV-MA  125 min
9           2021  PG-13  104 min
12          2021  TV-MA  127 min


                                       listed_in  \
0                                    Documentaries
6                          Children & Family Movies
7    Dramas, Independent Movies, International Movies
9                                  Comedies, Dramas
12                     Dramas, International Movies


                                     description
0    As her father nears the end of his life, filmm…
6    Equestria's divided. But a bright-eyed hero be…
7    On a photo shoot in Ghana, an American model s…
9    A woman adjusting to life after a loss contend…
12   After most of her family is murdered in a terr…
```

[81]:
```python
plt.figure(figsize = (12,6))
sns.countplot(data = df_mov,
             x = 'country',
             order = df['country'].value_counts().index[:10]).set(title = 'Top
  ↪10 movie producing countries')
```
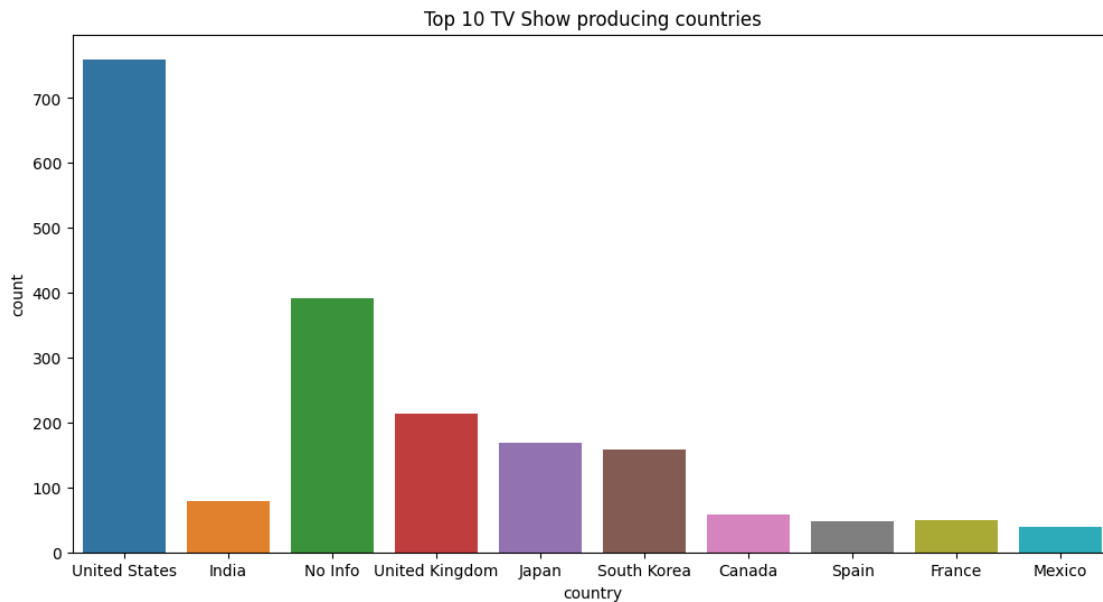
[81]: [Text(0.5, 1.0, 'Top 10 movie producing countries')]

Top 10 movie producing countries
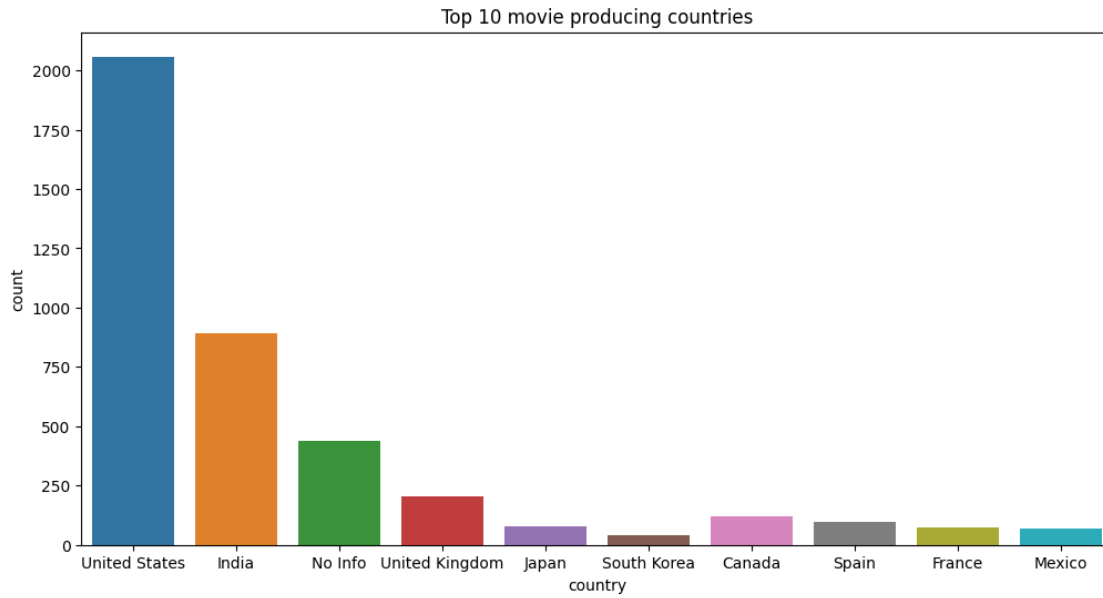
```
[82]: df_tv_show = df[df['type'] == 'TV Show']
      plt.figure(figsize = (12,6))
      sns.countplot(data = df_tv_show,
                    x = 'country',
                    order = df['country'].value_counts().index[:10]).set(title = 'Top␣
       ↪10 TV Show producing countries')
```
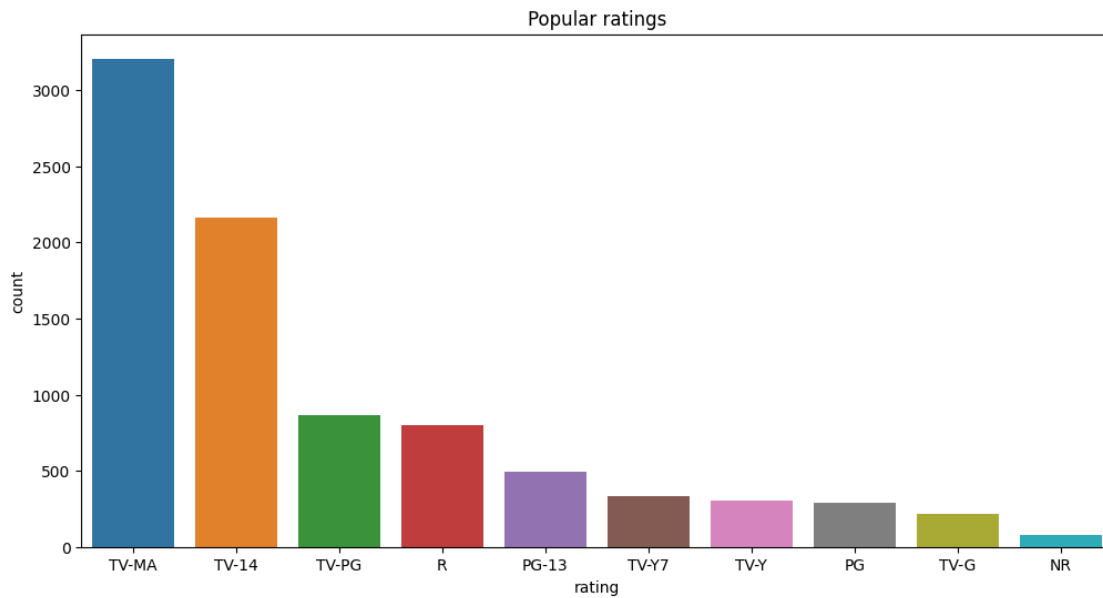
[82]: [Text(0.5, 1.0, 'Top 10 TV Show producing countries')]

Top 10 TV Show producing countries

3.0.1 Popular rating content

```
[83]: plt.figure(figsize = (12,6))
      sns.countplot(data = df,
                    x = 'rating',
                    order = df['rating'].value_counts().index[:10]).set(title =␣
       ↪'Popular ratings')
```

[83]: [Text(0.5, 1.0, 'Popular ratings')]

3.0.2 Yearwise Analysis

```
[84]: df['release_year'].plot(kind = 'kde')   # Gives yearwise content produced
```

[84]: <Axes: ylabel='Density'>
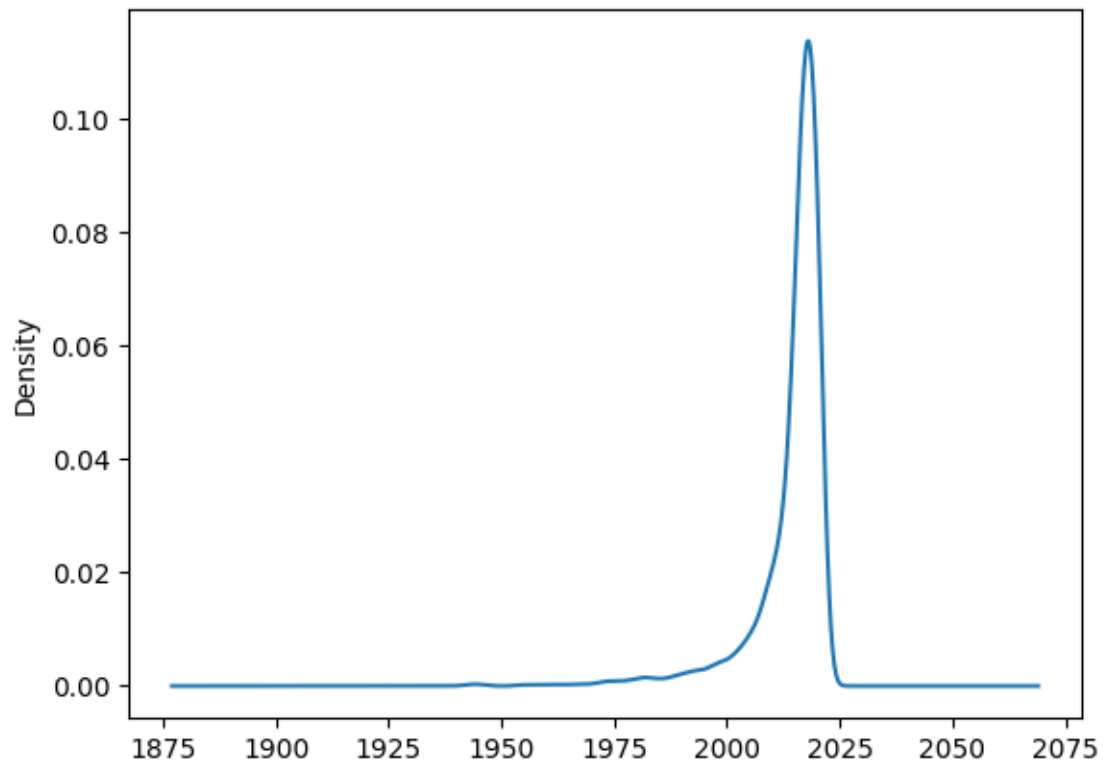
```
[85]: plt.figure(figsize = (10,6))
      sns.countplot(data = df,
                    x = 'release_year',
                    order = df['release_year'].value_counts().index[:20],
                    hue = 'type').set(title = 'Yearwise Content Type Trend')
```
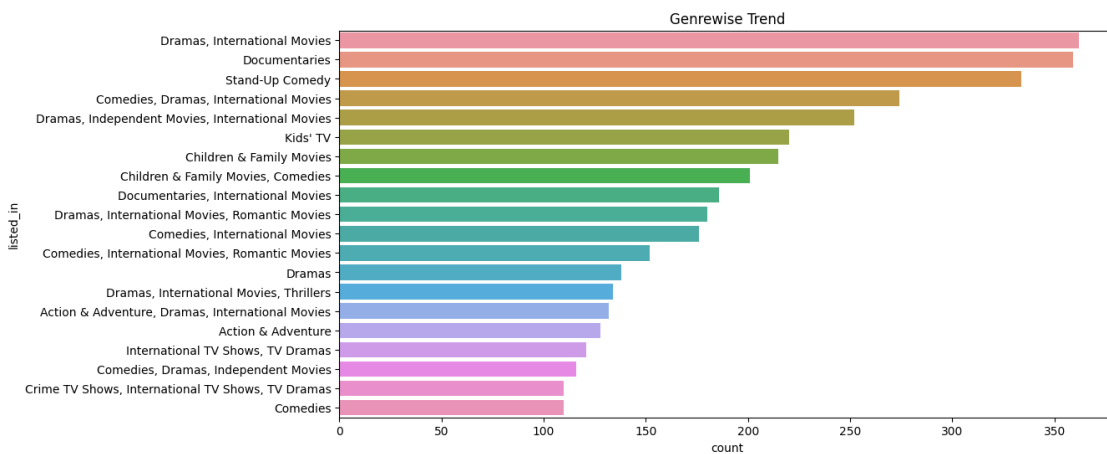
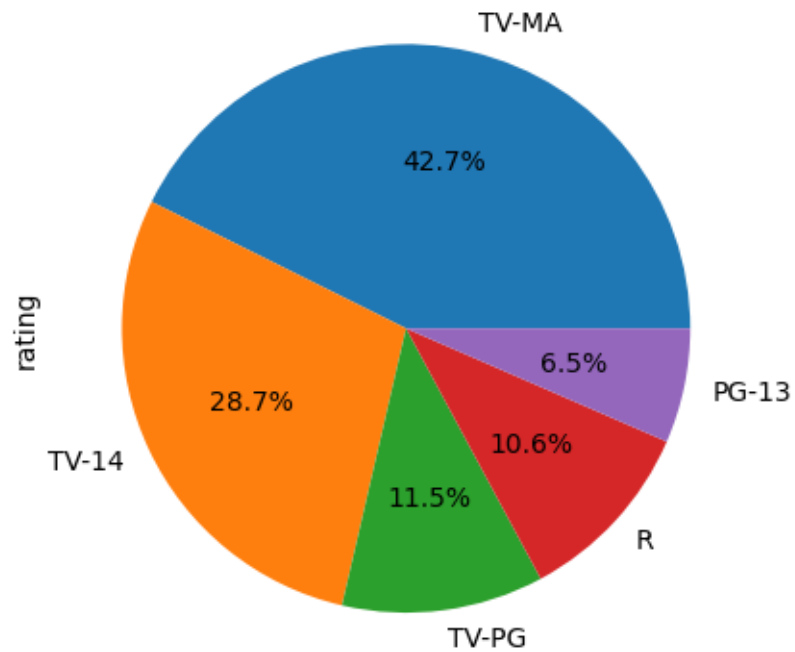[85]: [Text(0.5, 1.0, 'Yearwise Content Type Trend')]

Yearwise Content Type Trend
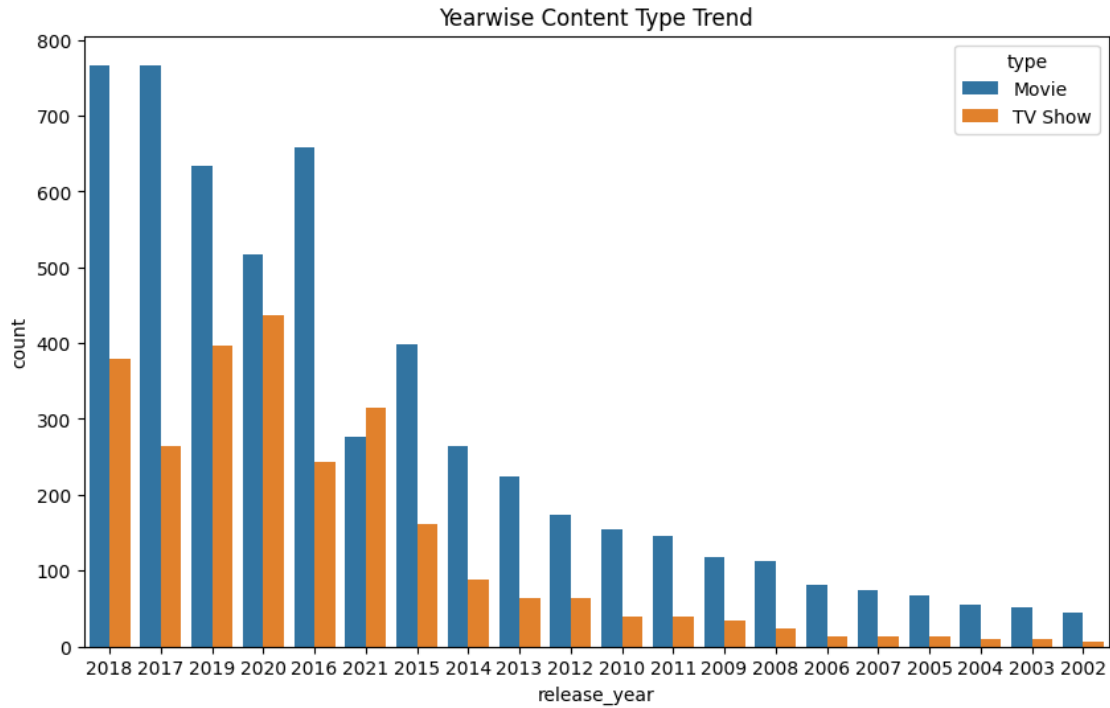
Genre Trend Analysis

```
[86]: plt.figure(figsize = (12,6))
      sns.countplot(data = df,
                    y = 'listed_in',
                    order = df['listed_in'].value_counts().index[:20]
                    ).set(title = 'Genrewise Trend')
```

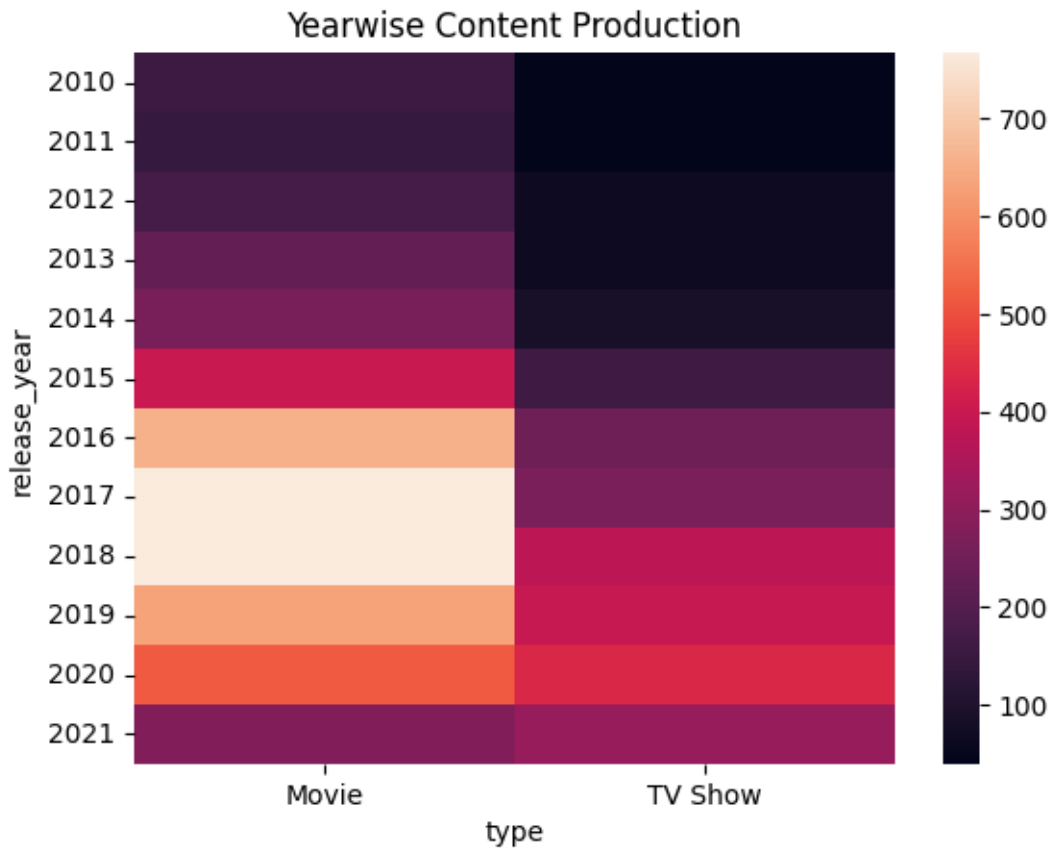[86]: [Text(0.5, 1.0, 'Genrewise Trend')]

Genrewise Trend

```
[87]: df['rating'].value_counts().head(5).plot(kind = 'pie', autopct = '%0.1f%%')
```

[87]: `<Axes: ylabel='rating'>`


```
[88]: sns.heatmap(df_year_typ).set(title = 'Yearwise Content Production')   # We have
      ↪considered contents from 2010
```

[88]: `[Text(0.5, 1.0, 'Yearwise Content Production')]`

Yearwise Content Production

```
[143]: plt.figure(figsize = (12,6))
       df[df['type'] == 'Movie']['release_year'].plot(kind = 'kde', label = 'Movies')
       df[df['type'] == 'TV Show']['release_year'].plot(kind = 'kde', label = 'TV␣
        ↪Shows')
       plt.title('Typewise-Yearwise Density Plot')
       plt.legend()
       plt.show()
```

Typewise-Yearwise Density Plot
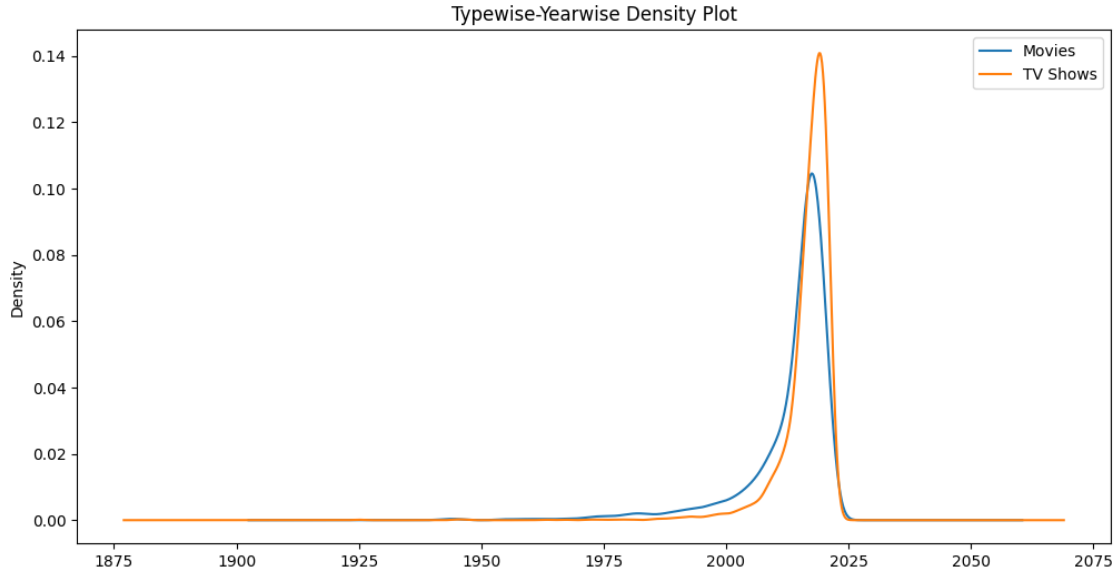
4 Insights

- **Netflix has more movies than TV Shows**
- **USA has the largest content on netflix followed by India, UK, Japan and South Korea.**
- **Overall USA has the most contents whether in movies or TV Show.**
- **Apart from USA in terms of movies India is second largest contributor followed by UK, Canada, Spain.**
- **In case of TV Shows UK is the second largest contributor followed by Japan, South Korea.**
- **We observe that India, Spain like countries produces more movies whereas countries like Japan and South Korea mostly produces TV Shows**
- **From the bar graph (Popular Ratings) we observed that netflix has more contents for mature adults or we can say that netflix has more adult population as their major consumers of their contents.**
- **From the kde plot in 'Yearwise Analysis' we observe that plot is more skewed between 2000 and 2025 which indicates that majority of the contents have their release year after 2000 or more precisely after 2010.**
- **Netflix's contents increased exponentially after the year 2015 indicating increase in consumption.**
- **2018 was the best year in terms contents added on Netflix and after that contents are added alost similar to this year.**
- **TV Shows content showed great increase after 2017 and 'Yearwise Content Trend' shows us that TV shows are added more on Netflix compared to the movies.**
- **Dramas, International Movies, Documentaries, Stand-Up Comedy, Comedies, Dramas, International Movies, Dramas, Independent Movies, International Movies, Kids' TV etc these are the popular genres on Netflix**

- From 'Typewise-Yearwise Density Plot' we observed that rate of producing TV shows is higher than the TV Shows

5 Recommendations

- We can add more contents from countries like Brazil, Spain,France, Australia and many more to bring more varieties of contents for the consumers
- India can prove to be a potential candidate for bringing content, we can add much more TV Shows produced in India.
- India can balance USA in terms of movies contents so more movies from India should be added.
- Japan and South Korea mostly produces TV shows but we can also add movie content from these countries along with more TV Shows,
- From 'Popular Rating' graph we can see that mature contents are more consumed so we can also add more of these 'MA' rating shows.
- Since comsumers like modern contents as we observed from the graph so contents after 2010 should be given priority.
- Contents of genre stand up comedy, drama documentaries, kids tv, action and adventure should be adde on frequent basis as they are the popular genres on Netflix.
- More TV Shows should be addded as they are getting more popular on Netflix