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Data Analysis on the Netflix Datasets Final Report

Data Source :

Netflix is one of the most popular media and video streaming platforms. They have over 8k+ movies or tv shows available on their platform, they have over 282 million Subscribers globally. This tabular dataset consists of listings of all the movies and tv shows available on Netflix, along with details such as - cast, directors, ratings, release year, duration and more.

Data collection :

This dataset consists of TV shows and movies available on Netflix as of 2021. The dataset is collected from kaggle.

[Netflix Movies and TV Shows | Kaggle](#)

We got the dataset from Kaggle and we are going to utilize data that to understand the trend of movies and TV shows released on the platform.

This dataset consists of CSV file contain(netflix_titles.csv) . We will utilize the following columns to understand what movies and TV shows were released in specific year, what genres they were, date when they were released and the rating the audience gave and so on.

From the column names, we could observe that there are twelve columns: show_id, type, title, director, cast, country, date_added, release_year, rating, duration, listed_in, description.

There are 8807 rows of data.

Objectives of the Project :

- To understand what content is available in different countries.
- No of movies/shows released based on the year.
- The most rated content based on the genre.
- Network analysis of actors/directors.
- Is Netflix has increasingly focusing on TV shows rather than movies in recent years.
- The most observed rating by category in TV shows and movies.
- How many movies or shows it has released year differ from its year added.

SCOPE OF THE PROJECT:

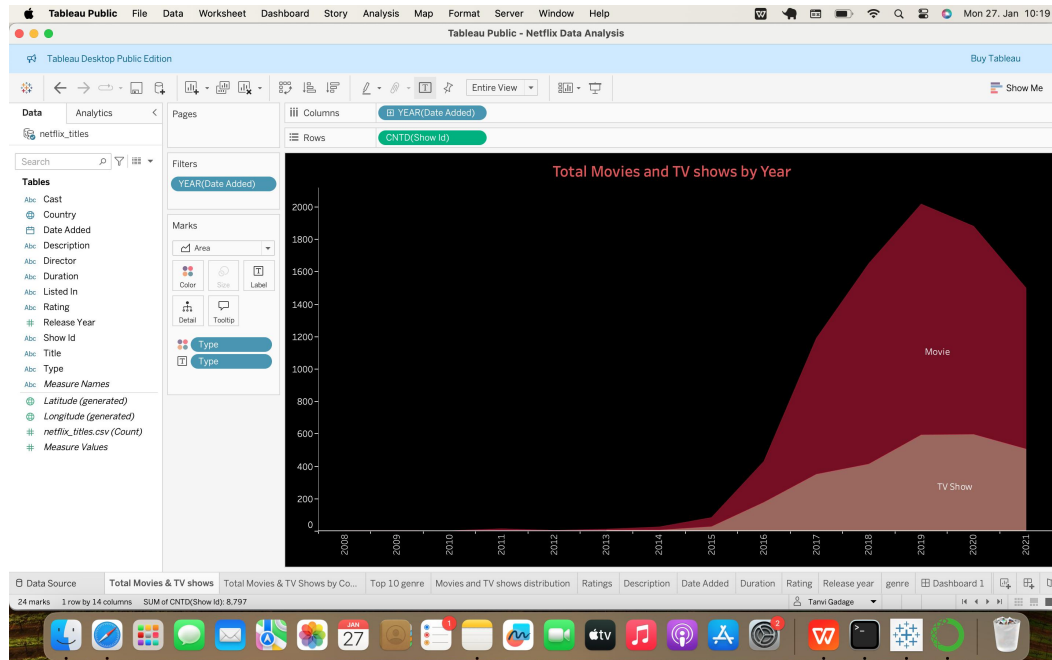
- Understanding what content is available in different countries
- Identifying similar content by matching text-based features
- Is Netflix has increasingly focusing on TV rather than movies in recent years ?

Netflix in the past 5-10 years has captured a large populate of viewers. With more viewers, there most likely an increase of show variety. The advancement in technology and streaming platforms have made it possible for us to watch movies from all over the world. Due to the different taste and preferences and according to current situation the number of movies released in a year may vary. So, Let's see the frequency of the TV shows / movies releasing in a year.

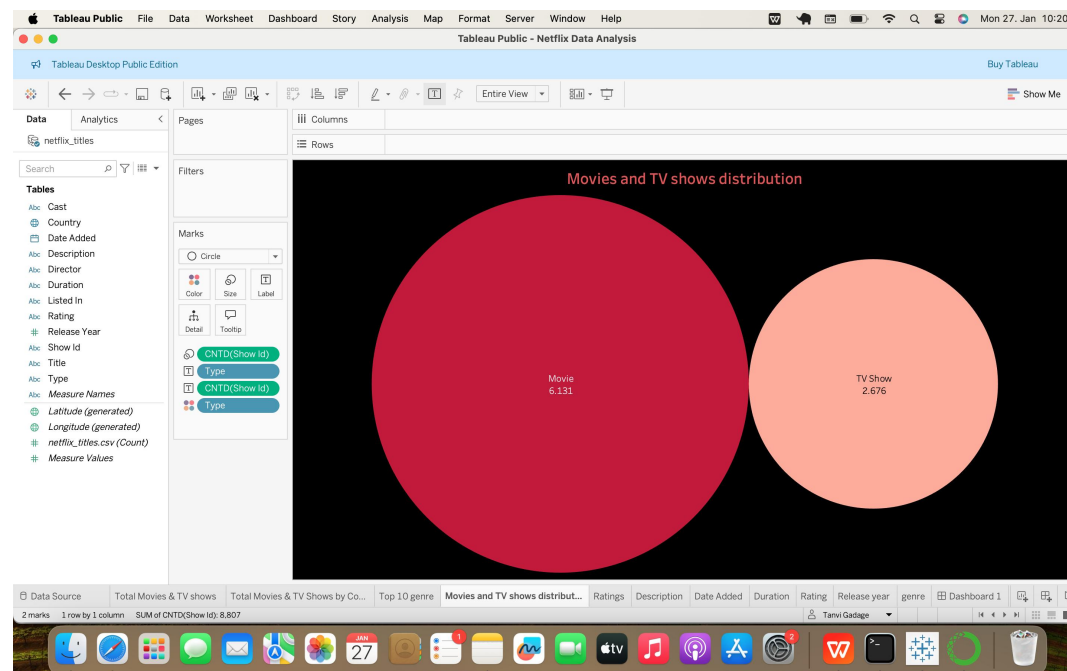
Analysis of the Dataset :

Here are some Tableau visualization.

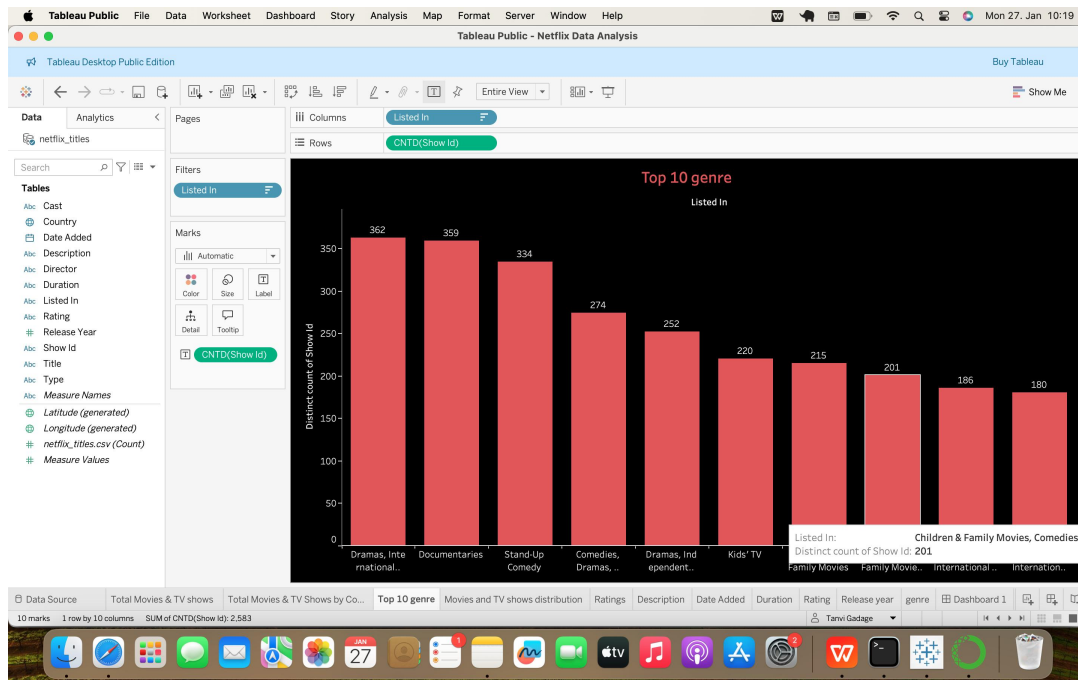
1. Total Movies and TV Shows by year.



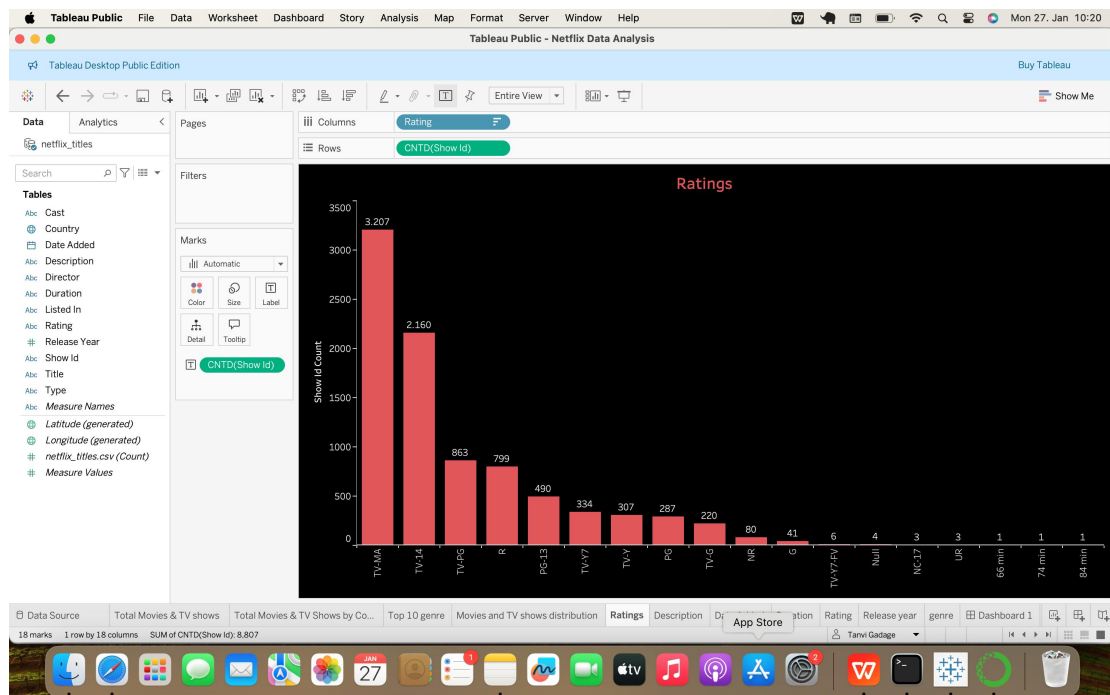
2. Total Movies and TV show Distribution :



3. Top 10 genre :

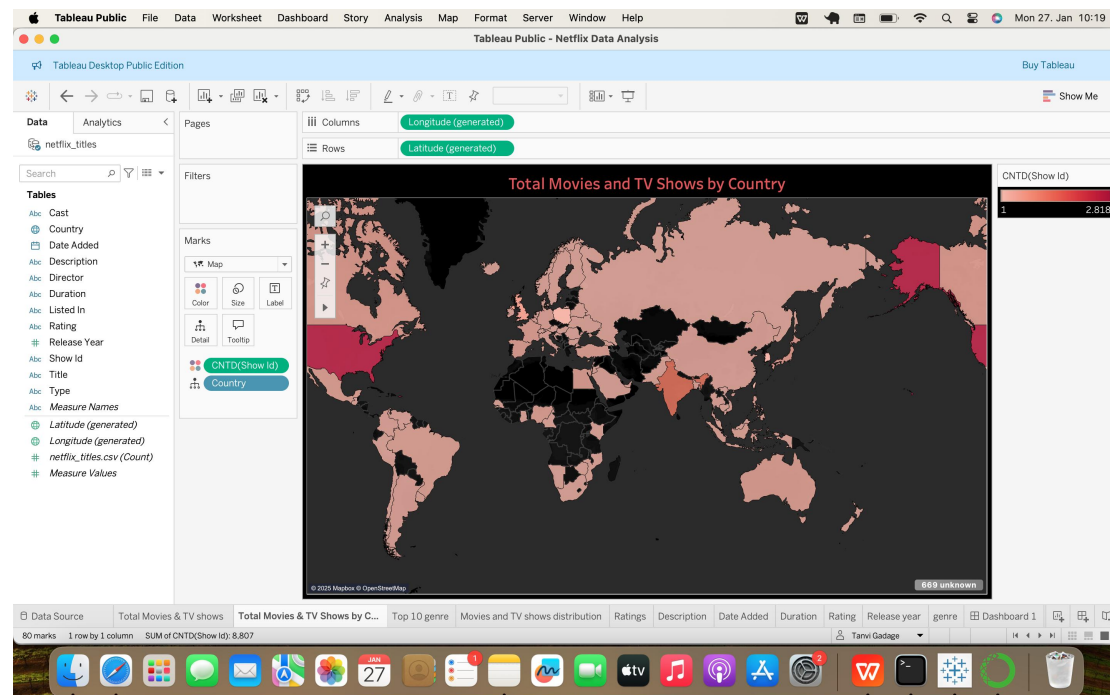


4. Ratings :



5.

6. Geographical distribution of Movies and TV shows:



Conclusion :

In this analysis , we explored various aspects of the Netflix Dataset using Tableau . We visualized trends using graphs and charts. This analysis provides insights into the types of content available on Netflix , the distribution of releases, and even specific details about movies, TV shows , directors and ratings.