

Evolution of Netflix (2008 – 2020)

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Abstract: *This report analyzes the growth of movies and TV shows on Netflix from 2008 to 2020. The report highlights the total number of movies and TV shows available on Netflix during this time period and provides insights into the growth and changes in the streaming platform's content library.*

Keywords: Netflix, movies, TV shows, growth, content library

I. INTRODUCTION

Netflix, founded in 1997, is a streaming platform that has revolutionized the way we watch movies and TV shows. Since its inception, Netflix has grown tremendously, with millions of subscribers worldwide. One of the reasons for Netflix's success is its vast collection of movies and TV shows. This report analyzes the growth of movies and TV shows on Netflix from 2008 to 2020. It aims to provide insights into the growth and changes in the streaming platform's content library over this period.

II. PROPOSED SYSTEM

To gather information on the number of movies and TV shows on Netflix from 2008 to 2020, we will use publicly available data from third-party sources. We will collect data on the total number of movies and TV shows available on Netflix in each year from 2008 to 2020. We will also analyze the trends in the number of movies and TV shows available in each genre and country.

Furthermore, we will analyze the changes in Netflix's content library during this period, such as the addition of original content and the removal of licensed content. The proposed system will use data analysis techniques such as data visualization and statistical analysis to present the findings in a comprehensive and understandable way. Overall, the proposed system will provide insights into the growth and changes in Netflix's content library from 2008 to 2020, which will be useful for researchers, media analysts, and streaming platforms.

III. TECHNOLOGIES USED

- **Microsoft Excel:** Microsoft Excel is the most efficient tool. It is a spreadsheet program used for analysis, Data management, finance, complex calculations and to record and analyse numerical and statistical data. Microsoft Excel is compatible with multiple OS like windows, macOS, Android and iOS. It provides multiple features to perform various operations like pivot tables, graph tools, macro programming, etc. Excel is widely used for data analysis owing to the excellent data visualisation features. The data visualisation capability of Excel allows building insightful visualisations.
- **Tableau Software:** Tableau software is a powerful Data visualization tool used in the Business Intelligence Industry. Tableau allows exploring excel data using its drag and drop feature. Tableau formats the data in Graphs, pie charts, maps, pictures that are easily understandable.
- **Files:** After Data Analysis Tableau Output can be saved in different formats. You can save your work using different Tableau specific file types such as bookmarks(.twb), workbooks(.tbn), data extracts(.tde), packaged data source(.tds). These files should be saved with their specific extension. These files are saved in the associated folders in the My Tableau Repository directory.
- **Dashboard:** A dashboard is a display collection of worksheets and related information in a single place. It is used to compare, monitor and visualize a variety of data simultaneously. The different data views are

displayed all at once. While creating a dashboard, one can add views from any worksheet in the workbook along with many supporting objects such as text areas, web pages, and images.

- Maps: This application needs a geographical location to plot the data on a map. To create a single map data source must contain location names along with latitude and longitude.
- Server: Tableau server is a software used to share worksheets which was created at Tableau Desktop. Once worksheets are uploaded to the server, it will be accessible to authorized users only.

IV. RESULTS

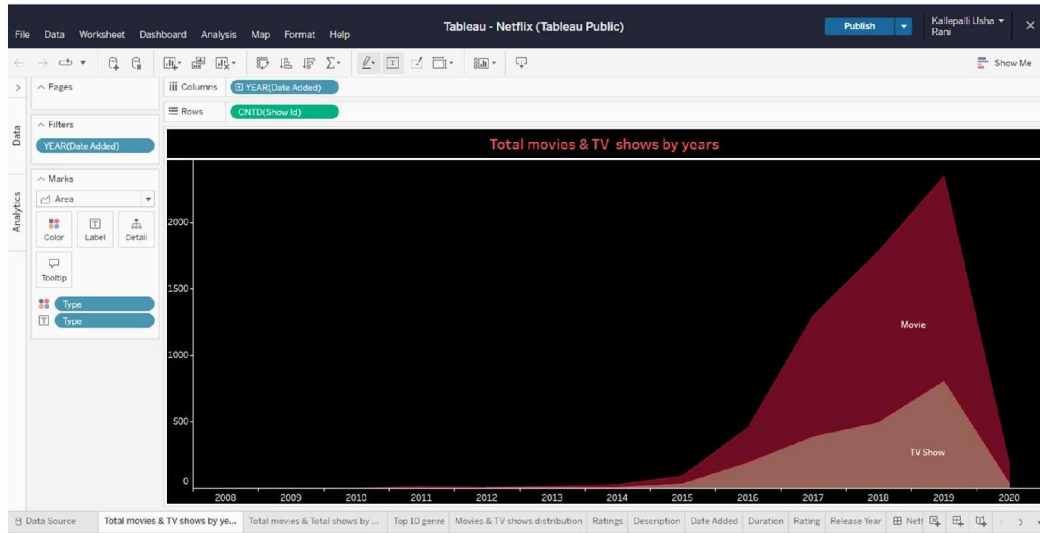


Figure-1

Shows the **total movies and tv shows by years** from 2008 to 2020 on Netflix

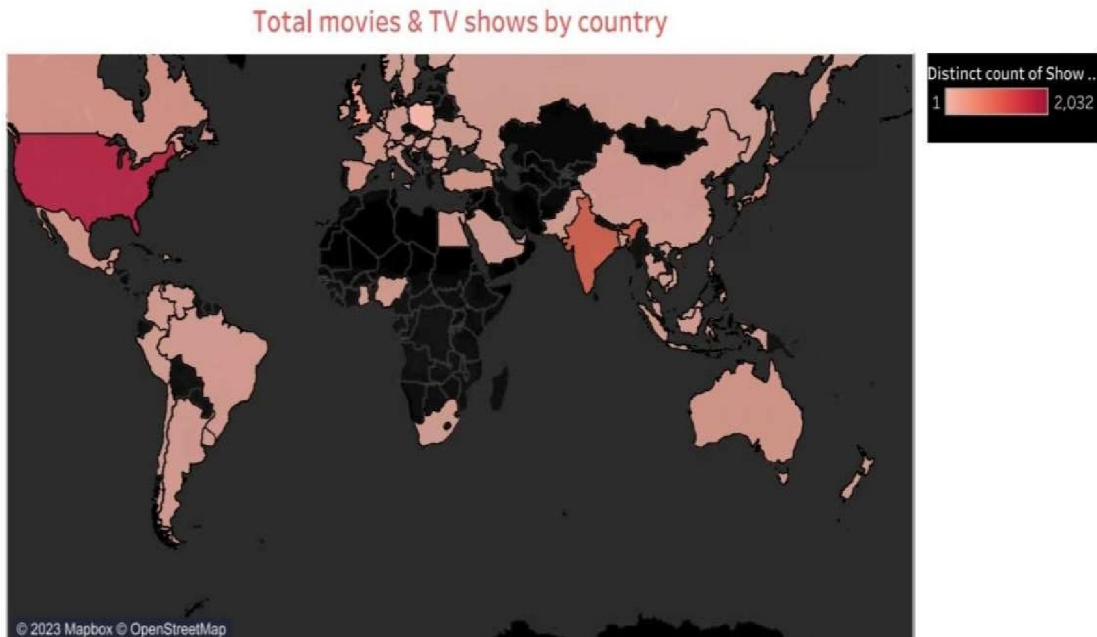


Figure-2

Shows the **total movies and tv shows by country** on Netflix



Figure 3: Shows the top 10 genre on Netflix



Figure 4: Shows the distribution of movies tv and tv shows onNetflix

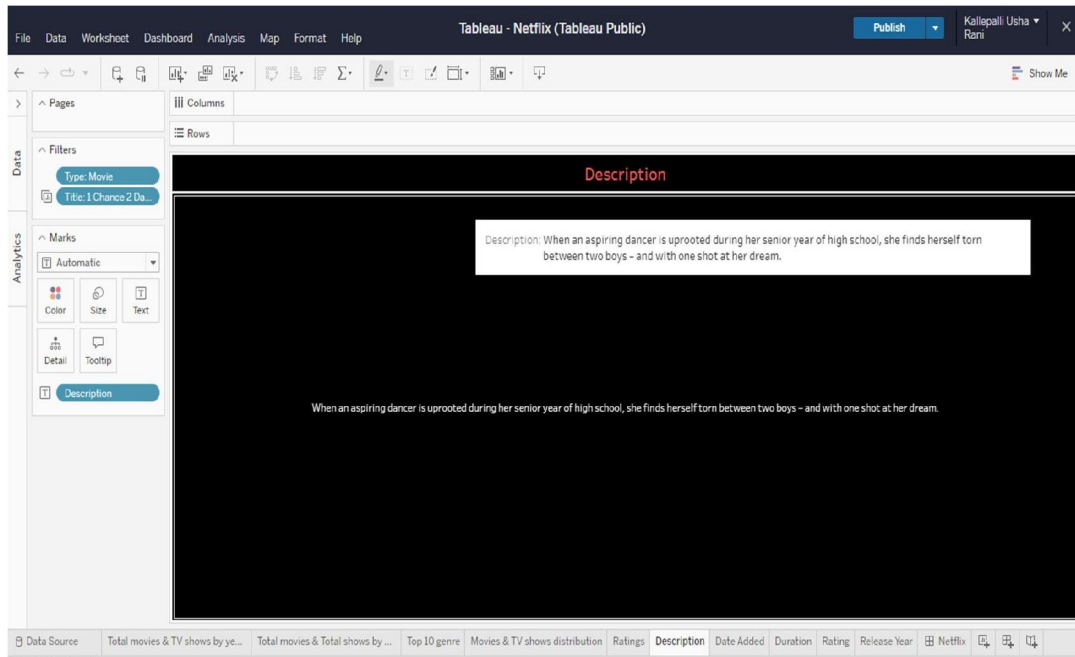


Figure 5.1: Shows the **description** of a movie named I Chhanoo 2 Dance on Netflix

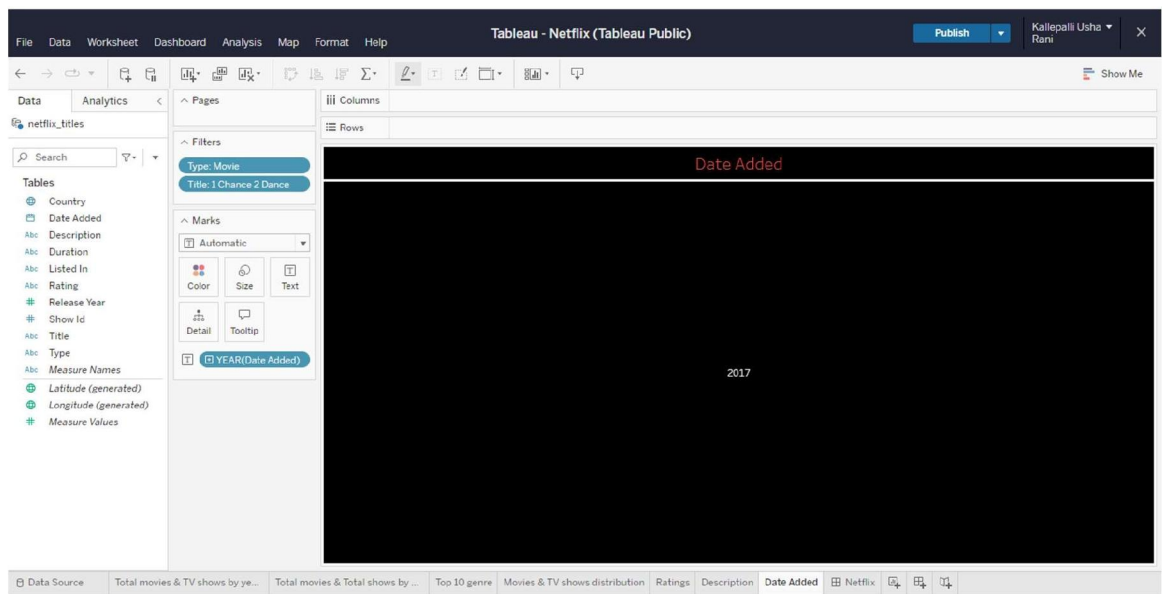


Figure 5.2 Shows the distribution of movies tv and tv shows on Netflix

Shows the **date added** of a movie named 1 Chance and 2 Netflix

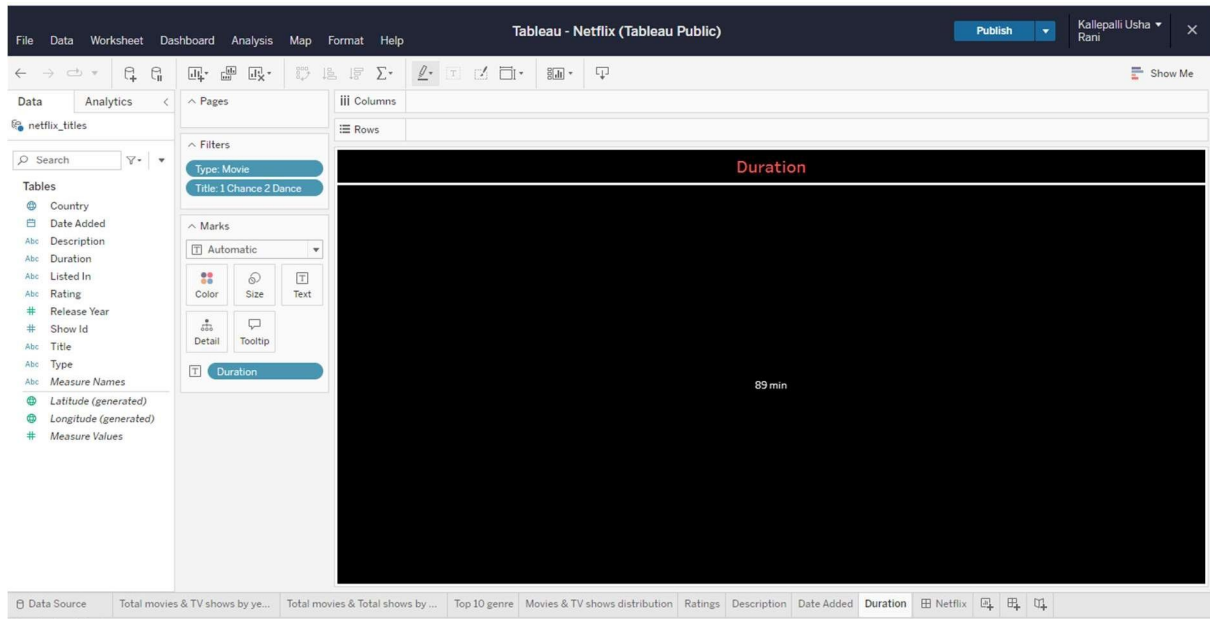


Figure 5.3

Shows the **duration** of a movie named I Chance and 2 Dance on Netflix

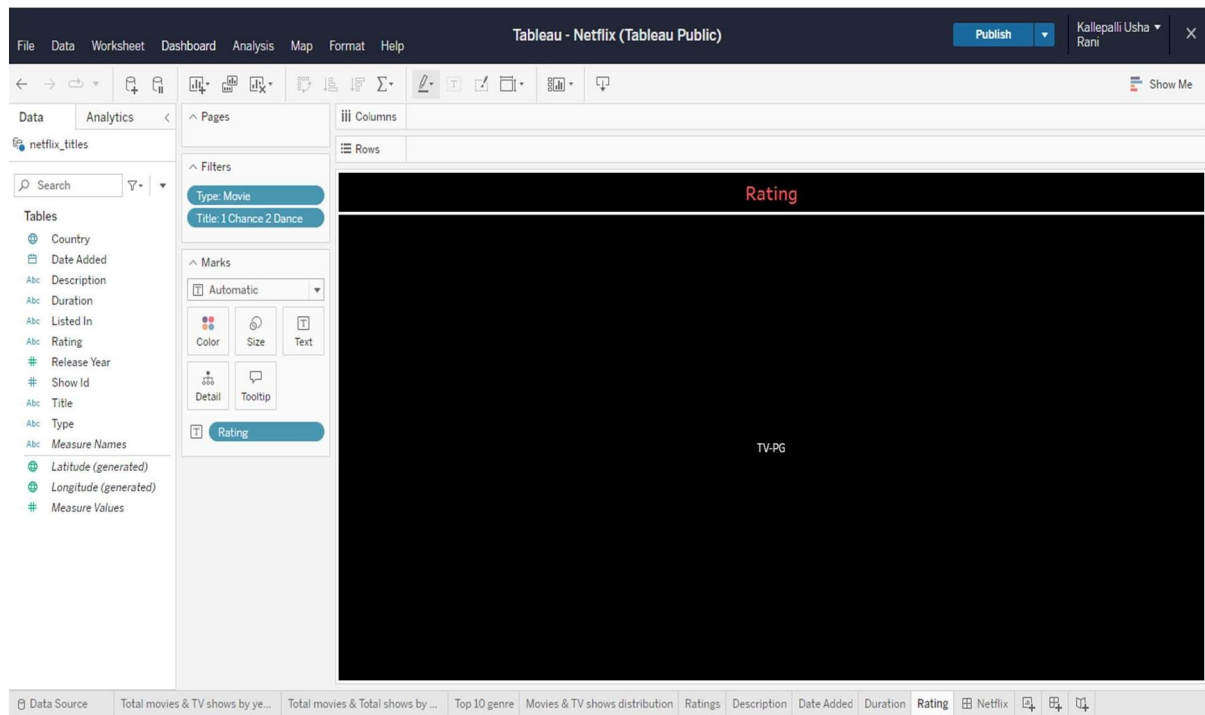


Figure-5.4

Shows the **rating** of a movie named 1 Chance and 2 Dance on Netflix

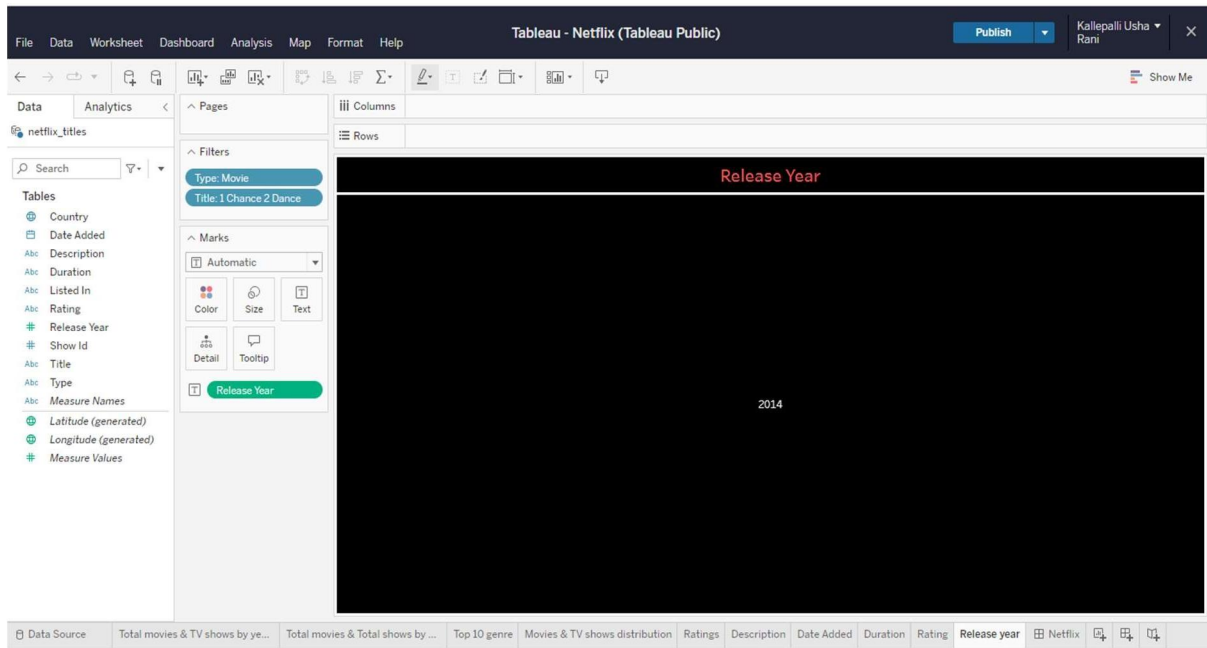


Figure-5.5

Shows the released year of a movie named 1Chance and 2 Dance on Netflix

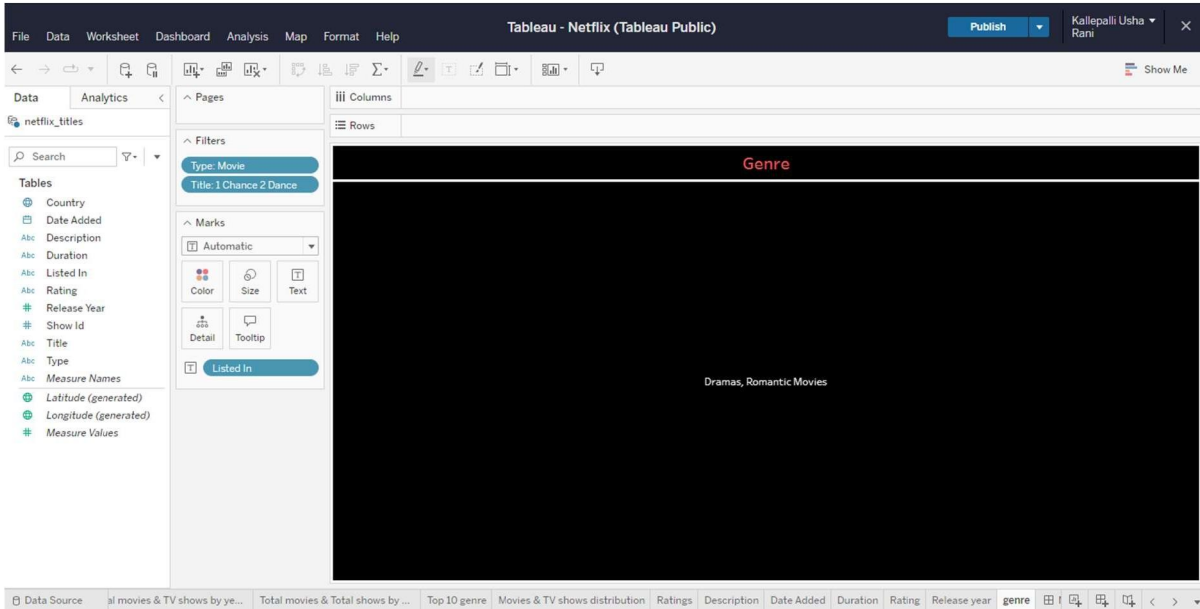


Figure-5.6

Shows the genre of a movie named 1 Chance and 2Dance on Netflix

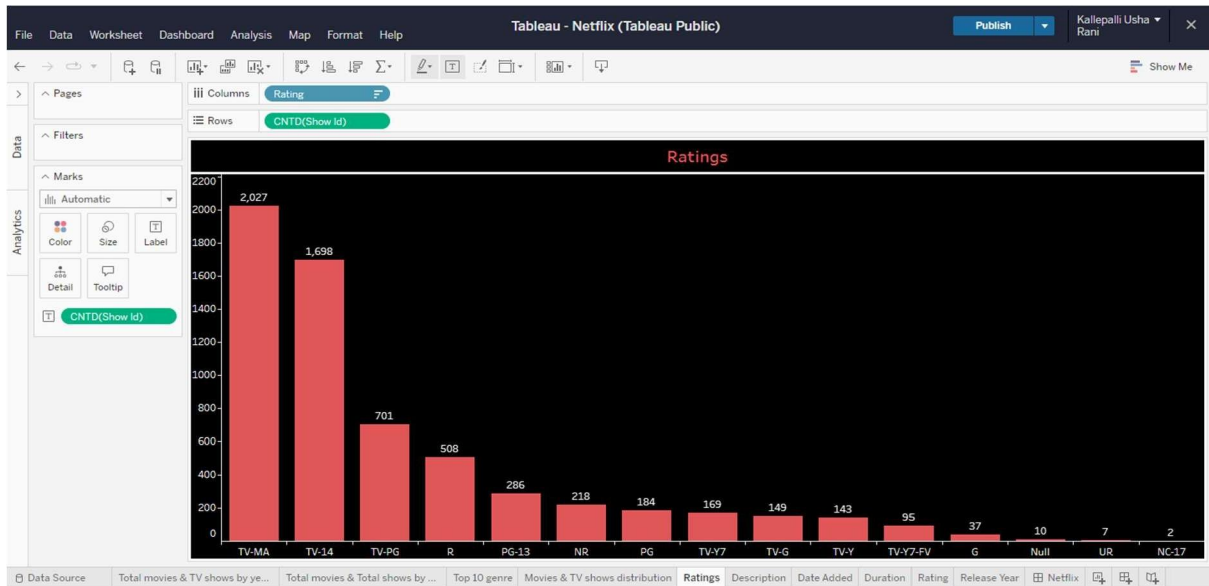


Figure-6
Shows the overall ratings on Netflix

DASHBOARD



V. CONCLUSION

Our analysis shows that the number of movies and TV shows on Netflix has increased significantly from 2008 to 2020. Netflix has expanded its content to include more original programming, which has become a significant draw for subscribers. Our proposed system provides insights into the changes and trends in the streaming platform's content library, which will be valuable for researchers, media analysts, and other streaming platforms.

REFERENCES

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