**Work in Progress Report**

## **Name, Section & Title**

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## **Dataset Description**

This dataset consists of movies and tv shows in Netflix available as of 2020. Over 2000, titles released in various countries between 1925 and 2020 are available in this dataset. It includes title, show ratings, listed category, description, running duration, cast, director etc. Data size of this dataset as follow,

Number of Rows: 7787

Number of Columns:12

Data Size: (12\*4) \* (7787/100) = **3737.76**

## **References**

This dataset is sourced from <https://www.kaggle.com/shivamb/netflix-shows>.

In addition, below are the other URLs referred

<https://www.fool.com/investing/2020/09/15/netflix-is-killing-the-competition-in-this-one-key/>

<https://color.adobe.com/create/color-wheel>

<https://socviz.co/groupfacettx.html>

## **Story**

Netflix has been ruling the online streaming for a decade now. Since 2019, There has been a decline in their number of shows/movie releases with recent burst of major competitors like Prime Video, HBO Max, Disney + with its Marvel acquisition etc. However, with stronger subscriber’s base and retention rate, Netflix is still among the favorite for millions of its subscribers. We are here to explore few interesting facts like, contents available in different countries, increase in trend over years, famous categories, shows by ratings, etc.

## **Audience**

This poster is targeted for an existing Netflix subscribers / any new subscribers looking for movie/tv-shows online platform subscription across globe, Upcoming Online streaming platform providers/partners, marketing analysts, media distributors or anyone with monthly popcorn subscriptions, who looking for ways to finish their popcorn.

## **Data Questions**

1. What countries contributing more contents to Netflix?
2. Trend analysis over time
3. What are the major categories/genre of the movies/shows available?
4. What is the Movie vs TV-Shows distribution?
5. Who are the major audiences (family, kids, adults, etc.)?

## **Appendix**

## **Data Processing & Visualization**

1. Dataset Preparation
   1. Data extraction
   2. Preprocessing
   3. Dataset Size analysis
2. Build Single Dimension Plots
   1. Titles by Year released – Bar Plot
   2. Titles by Rating – Line chart
   3. Total number of Titles by Type – Pie Chart
   4. Top 10 Genre – Horizontal bar plot
3. Build Multi Dimension Plots
   1. Available shows by year released by Type - Stacked bar chart
   2. Available shows by year released by Rating - Stacked bar chart - beside
4. Other Analysis
   1. Wordcloud

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