NETFLIX:

ANALYSIS & DOCUMENTATION


POWER-BI ANALYSIS
ANALYSIS HELPS TO MAKES THE ORGANIZATION MORE GROWABLE.

Introduction

This document provides a comprehensive guide on the data analysis and dashboarding process carried out on Netflix movie data using Power BI. The dataset includes information on movie name, movie ID, duration, releasing year, age certificate, IMDB rating, and IMDB score.

Dataset Overview

1. **Movie Name:** Name of the movie.
2. **Movie ID:** Unique identifier for each movie.
3. **Duration:** Duration of the movie in minutes.
4. **Releasing Year:** Year when the movie was released.
5. **Age Certificate:** The age rating or certification for the movie.
6. **IMDB Rating:** Rating of the movie on the IMDB scale.
7. **IMDB Score:** The overall score of the movie on IMDB.

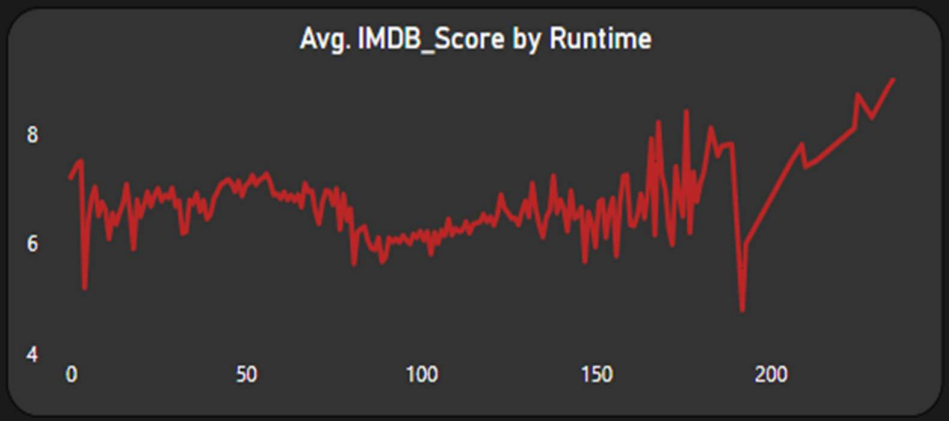
Data Loading and Preparation

- **Loading Data:** The dataset is loaded into Power BI from a CSV file containing the columns.
- **Data Cleaning and Transformation:** Necessary data cleaning and transformation operations are performed to handle missing values, correct data types, and ensure data quality.

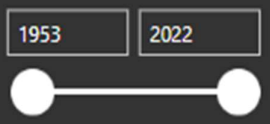
Insights and Analysis

- **Average IMDB Score by Runtime**
  - **Calculation:** The average IMDB score is calculated for different runtime durations.
  - **Visualization:** A bar chart or line chart is created to illustrate the relationship between movie runtime and the average IMDB score.
- **Count of Age Certificates**
  - **Calculation:** The count of movies is calculated based on different age certificates.
  - **Visualization:** A pie chart or bar chart is used to display the distribution of movies across age certificates.
- **Released Movie Count per Year**
  - **Calculation:** The count of movies released is calculated for each year.
  - **Visualization:** A line chart or bar chart is employed to visualize the trend of movie releases over the years.
- **Slicer for Movie Type and Year of Releasing**
  - **Slicer Creation:** Slicers are added to the dashboard to filter data based on movie type (e.g., genre) and the year of release.
  - **Dynamic Filtering:** Visualizations are configured to dynamically update based on slicer selections, allowing users to explore the dataset interactively.
- **Dashboard Design**
  - **Layout:** A user-friendly and intuitive layout is designed, incorporating visualizations for each insight and slicers for filtering.
  - **Interactivity:** The dashboard is designed to allow users to explore the dataset dynamically by interacting with slicers and visualizations.
  - **Aesthetics:** Attention is paid to the visual appeal of the dashboard to enhance user experience.

NETFLIX MOVIES DASHBOARDING



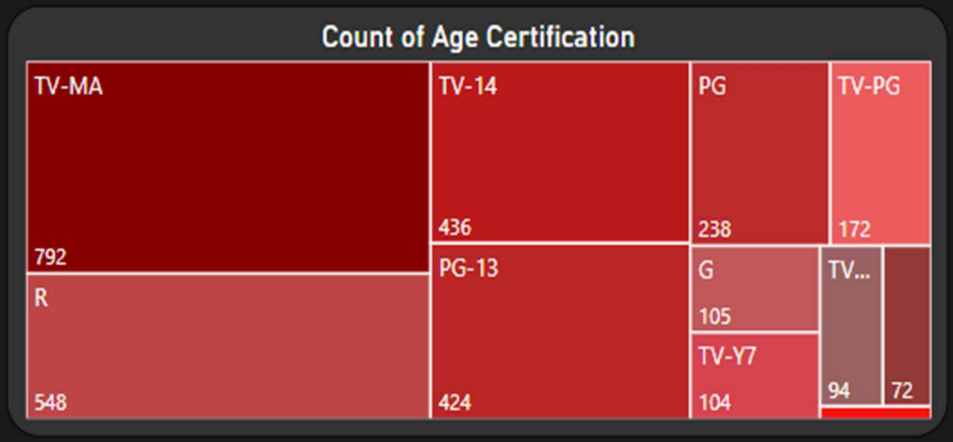
5283
Movies count

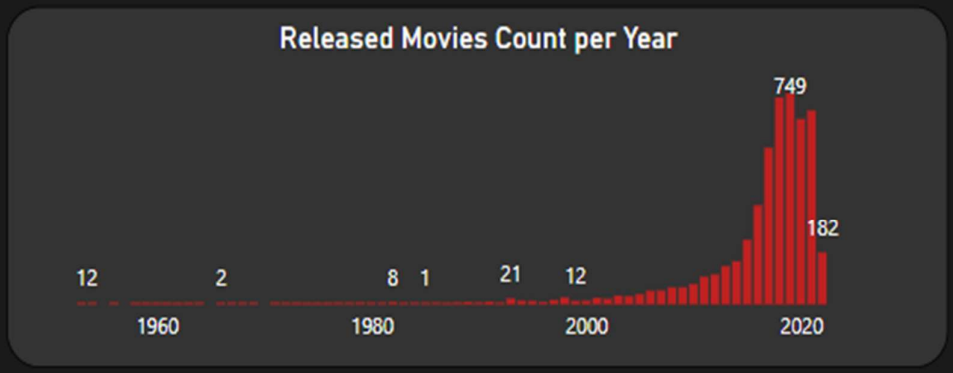


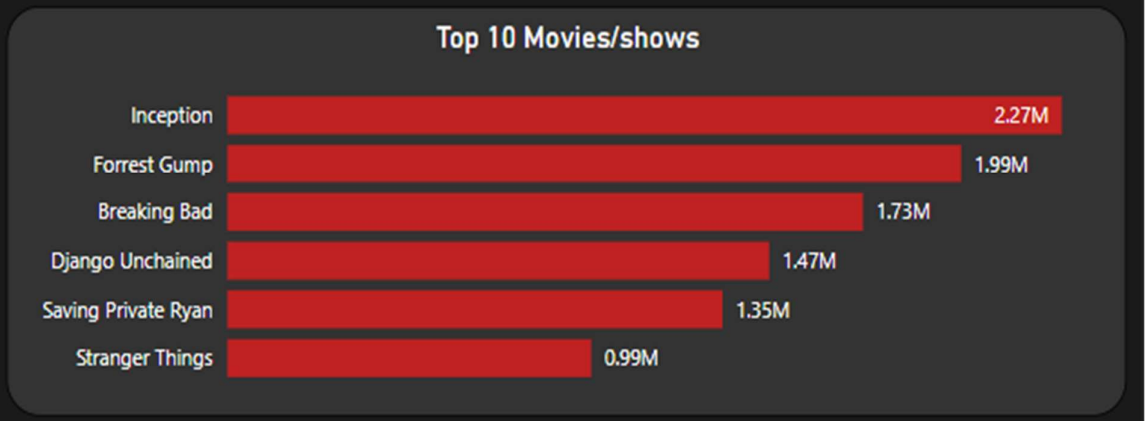
MOVIE

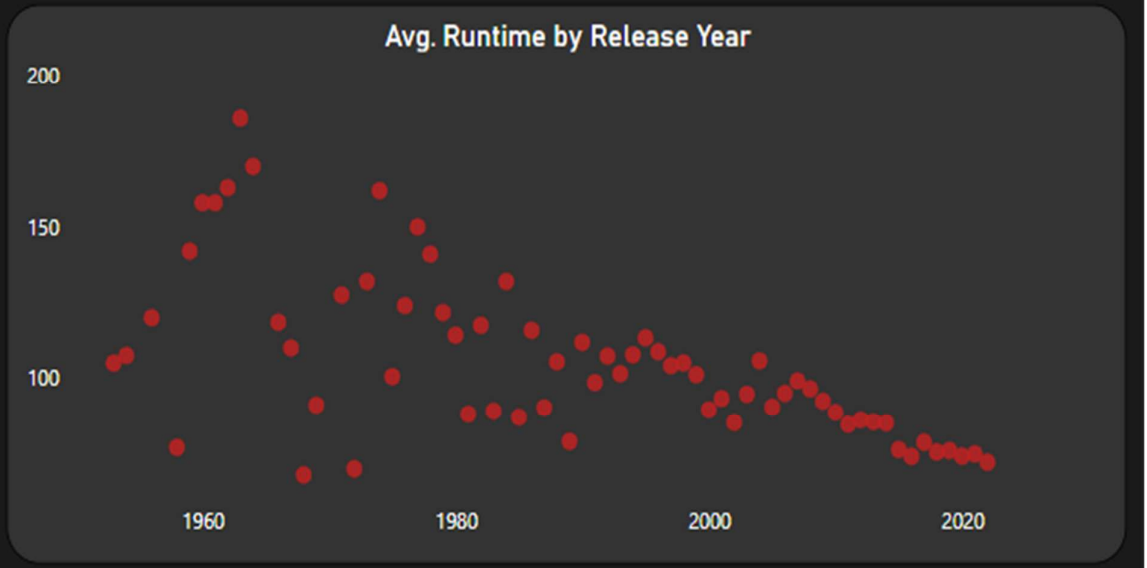
SHOW

6.53
Avg. IMDB Score









Conclusion

This Power BI dashboard provides valuable insights into the Netflix movie dataset, allowing users to explore relationships between movie characteristics and ratings. The interactive nature of the dashboard enables users to gain deeper insights and make data-driven decisions based on their preferences and criteria.