

- Question/Problem statement:

What are the 3 top-rated movies and TV shows by genres based on rating on Netflix to watch over the weekend?

- Data Description: The dataset is a collection of movies and TV shows streaming on netflix obtained from kaggle.com and last updated 2 months ago (up to date from 1925-2021). Data size is 8807 x 12.

- o Columns and data type: the dataset has 12 attributes:

- show\_id: Unique ID for every Movie / Tv Show (text).
- Type: Identifier - A Movie or TV Show (text).
- Title: Title of the Movie / Tv Show (text).
- Director: Director of the Movie / Tv Show (text).
- Cast: Actors involved in the movie / show (text).
- Country: Country where the movie / show was produced (text).
- Date\_added: Date was added on Netflix (date).
- Release\_year: Actual Release year of the move / show (integer).
- Rating: TV Rating of the movie / show (real).
- Duration: Total Duration - in minutes or number of seasons (integer).
- Listed\_in: Genre (text).
- Description: The summary description (text).

- o Rows: there are 8807 instances each represents a single movie/ TV show.

- Tools:

- o Programs: Python, DB Browser, Sypder, VS Code, Tableau, SQLite.
- o Libraries: pandas, matplotlib, numpy.
- o Functions: count, max, mean,. eg and others like apply, agg, map.
- o Plots: Histograms, Bar charts, Scatter plots, Heat maps.

- The goal of this project is to do an EDA on a global Netflix dataset to get a statistical insight of the listed shows and recommend the top-rated ones for fun.