Group 8

Project Proposal

Project Team:

Eugenio Elizondo, Andrew Garza, Sierra Sarkis, Marty Thompson, Robert Williard

➢ Dataset

Group 8 will be exploring the Netflix IMDB Scores dataset. From this data we hope to uncover trends relating to the popularity of Netflix titles by examining their IMDB ratings and votes.

Dataset: Netflix IMDB Scores

As Netflix account owners we chose this dataset because we are curious about which movies have high and low scores. It will also be interesting to understand how the general IMDB scores and votes align with our own personal viewing preferences. Could any of the trends help us predict what types of movie and TV show titles Netflix will offer in the future? These are questions we hope to dig into further.

➢ Guiding Questions

Through our analysis of the data, we seek to investigate several questions:

1. How do the IMDB scores correlate with IMDB votes?
2. Is there a correlation between IMDB scores and release years or runtime?
3. How does the average IMDB score of shows compare to the score of movies?
4. What trends can we see when grouping the data by decade?

➢ Inspiration

Others before us have utilized the Netflix IMDB Scores dataset to answer similar questions to the ones we will be analyzing. We have pulled visualizations from their work as example outputs for our guiding questions above. Links to their work below:

- Netflix 22 Visualizations | EDA
- Netflix IMDB Scores Visualization
- Netflix IMDB EDA and Text Analysis

➢ Example Visualizations

- Bar chart displaying IMDB score distribution
- Scatter plot displaying IMDB scores vs IMDB votes
- Scatter plot displaying IMDB scores vs runtime
- Line plot displaying IMDB votes vs release year
- Violin plot to show distribution score of show vs movie
- Bar chart looking at trends by decade

➢ Regression

We will be regressing IMDB score across release years.

➢ Roles and Responsibilities

Data Cleaning – All

Question 1 - Eugenio

Question 2 - Robert

Question 3 - Sierra

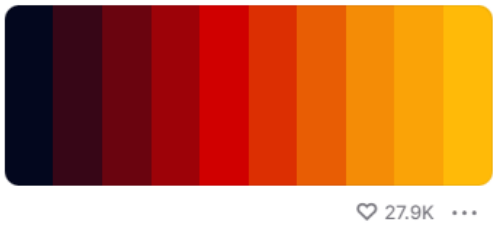
Question 4 - Drew

Statistical Regression – Marty

Presentation – All

➢ Color Palette

- Coolors.co



➢ Github Link

- https://github.com/eelizondo1226/project_1_group_08