Joshua Hernandez – postgresql

Cameron Song – present, Python

Tien Tran – JSON

Ben Wynne – SQL

Project 2 Proposal

Purpose:

This project is designed to take data from a top IMDB movies dataset and top Rotten Tomatoes dataset, clean, join, and filter movie performance. Different filters such as yearly performance and overall genre ratings and popularity are what we plan on visualizing. Optionally (if time permits) compare trends in movie ratings and box office performance to snack manufacturing trends.

Questions to Answer in This Project:

1. Which genres tend to have the highest average rating? Does this rating correlate to good box office performances?
2. Do popular directors (for example, Steven Spielberg) tend to be well-received compared to other directors in the same genre?
3. Based on year, did genre average ratings change significantly? Were lockdown movies perceived well by audiences compared to movies before the pandemic?
4. Did snack production increase or decrease during certain historical periods (2015 Recession, 2020 Pandemic)?

Sources:

* <https://www.kaggle.com/datasets/harshitshankhdhar/imdb-dataset-of-top-1000-movies-and-tv-shows>
* <https://www.kaggle.com/datasets/stefanoleone992/rotten-tomatoes-movies-and-critic-reviews-dataset>
* [https://tradingeconomics.com/united-states/producer-price-index-by-industry-other-snack[…]ks-excluding-crackers-soft-pretzels-and-nuts-fed-data.html](https://tradingeconomics.com/united-states/producer-price-index-by-industry-other-snack-food-manufacturing-other-chips-sticks-excluding-crackers-soft-pretzels-and-nuts-fed-data.html)