The Primary Keys

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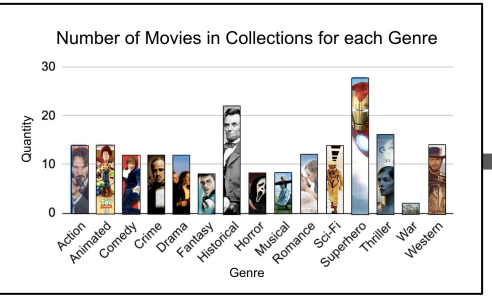
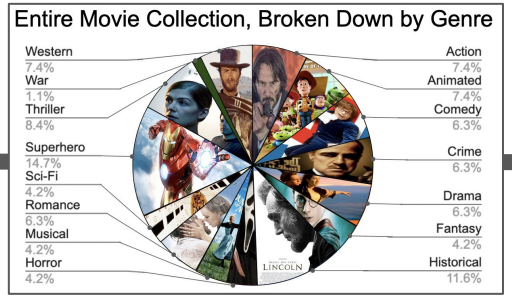
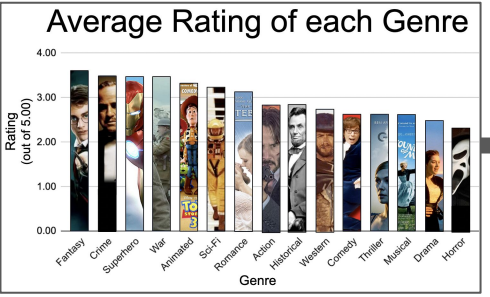
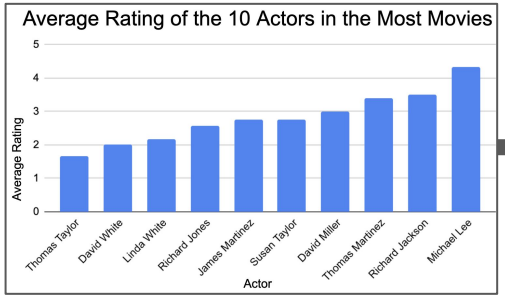




These charts show the number of movies within each genre in collections. Based on the dataset we used to populate the movies, we expected romance, drama, and historical to be the most common genres, but in actuality historical and superhero movies were the most popular. We also expected a strong positive correlation between number of movies within a genre in collections and the rating of each film and found there was a very very small positive correlation instead.



This chart shows the average rating of movies in each genre. Fantasy movies are generally rated highest, which is interesting because there are fewer fantasy movies stored in the database. This could mean that the database has a small selection of popular fantasy movies. Conversely, superhero movies (also rated highly), are the most abundant movies in the database.



This data shows the ten actors who appear most often in movies and the average rating of their movies. The scores are relatively evenly distributed between the minimum and maximum values. The highest rated actor, Michael Lee, appears in a lot of fantasy, crime, and superhero movies. These three genres of movie are also on average the highest rated.

Technologies Used:

Python

IMDb Movies Database

PostgreSQL

Google Sheets

Google Slides

Github

Microsoft Excel

draw.io