Overview

        For this project we pulled data to compare the IMDB top 1000 rated movies with movies found on Netflix's platform.

Extract

        We gathered two CSV file datasets from Kaggle. The first Netflix dataset consists of movies and TV shows found on the platform in 2019. Columns in the dataset include Title, Description, Director, Cast, Country, the movie or TV show release date, the Netflix added date, Rating, Genre and Duration.

        The IMDB dataset includes many of the same fields as Netflix and also includes the IMDB rating score, Metascore, Gross Profit, and a poster image link.

Transform

        After loading our CSV files into python we cleaned the data to filter on the columns we were most interested in. We joined the two tables together using an inner join on Title in order to easily identify what movies had overlap between Netflix's platform in 2019 and IMDB's top 1000 rated movies. We dropped the duplicate Director & Title columns that appeared in both tables. The final Netflix Ratings table concludes that 152 out of IMDB's top 1000 rated movies were found on Netflix's platform in 2019.

        Further analysis of this data could lead us to many findings, such as:
- Which Director has the highest number of movies in the top 1000? Do any directors appear multiple times?
- What cast members appear in the top 1000 multiple times?
- What countries make up the top 1000?
- What was the largest genre on Netflix in 2019?
- What is the average gross profit across each genre?
- Is there a correlation between gross profit and release date? Genre?
- Is there a correlation between the IMDB rating and other aspects of the movie? Cast, Genre, Rating, Director, Release date, etc.

Load

The data was loaded into a relational SQL database. The three tables created were:
1. Netflix Table
   - Type (Movie/TV Show)
   - Title
   - Director
   - Country
   - Release Year
   - Rating (G, PG, PG-13, etc)

2. IMDB Table
   - Genre
   - Title
   - Gross Profit
   - IMDB Rating
   - Director

3. Netflix Ratings Table

- Type
- Country
- Title
- Release Year
- Director
- Rating
- Rating
- Genre
- IMDB Score