PROJECT IMDB MOVIE ANALYSIS:

It aims to explore the factors affecting the popularity of movies and viewer preferences to understand what attracts them to cinema. This helps provide valuable insights into the film industry and what changes it needs.

Project Description:

It focuses on movies released between 1927 and 2016. The project analyzes data related to these movies, including their ratings budgets, actors names and the countries that produced them The app aims to understand the factors affecting the success of movies with audiences and critics providing valuable insights for movie lovers and analysts Additionally it looks at trends over the decades and compares different genres to see what has changed over time.

Techniques I used:

Clean Data:

I cleaned the data I searched for duplicate rows using the Remove Duplicates feature but there were no duplicates I removed empty values from the rows and deleted columns that I thought I wouldn't use I corrected the text and removed extra spaces I split one column into multiple columns whether it was text or numbers.

Some questions I asked for analysis:

- How many movies which produced every year?
- Top ten movies with the most votes and least votes?
- Top ten movies with the highest ratings?
- Top ten movies with the highest profits?
- How many movies are in each genre?
- Which genres have made the most profits?
- Which countries produce the most movies?

- Which languages have the most movies produced?
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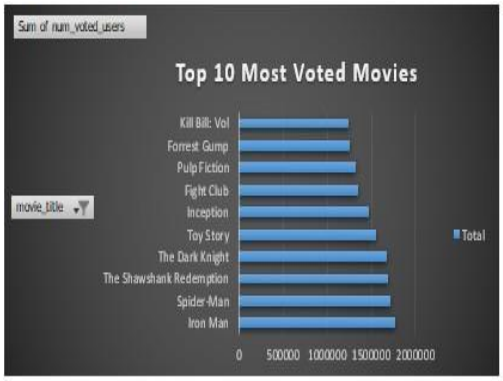
- Which countries have made the most profits from movies?
- Top ten actors and directors who have made the most profits?

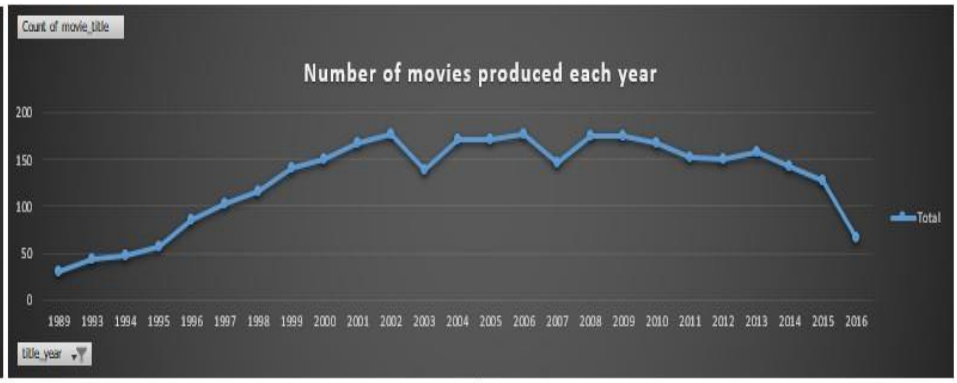
Data analysis:

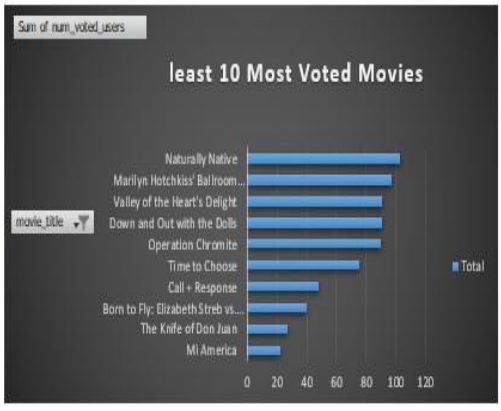
We will answer these questions by analyzing the data After adding new columns to help with the analysis such as profit and genres, I used a pivot table to analyze it I used sum average and count to get quick summaries like average ratings or the number of movies in each genre. I also used Excel tools to filter data by category year and profit to get deeper insights.

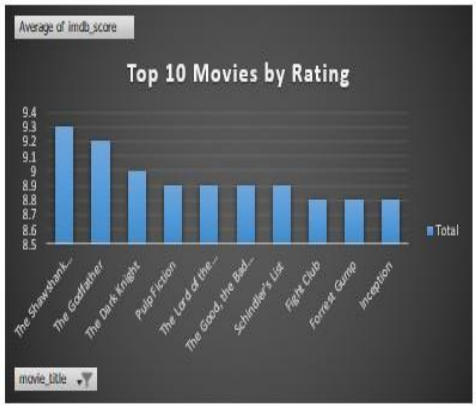
data visualization:

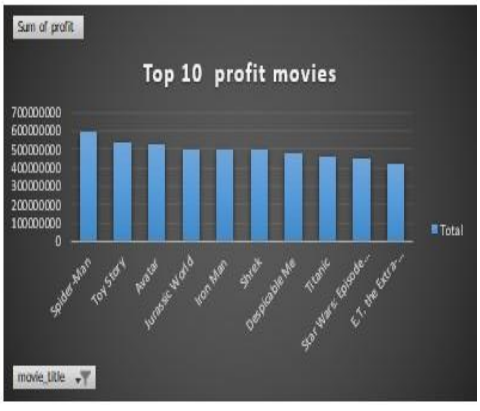
I used Excel pivot chart to create bar or pie charts to show data like ratings for each movie or production years I also used line charts to compare ratings over time or between different movies.

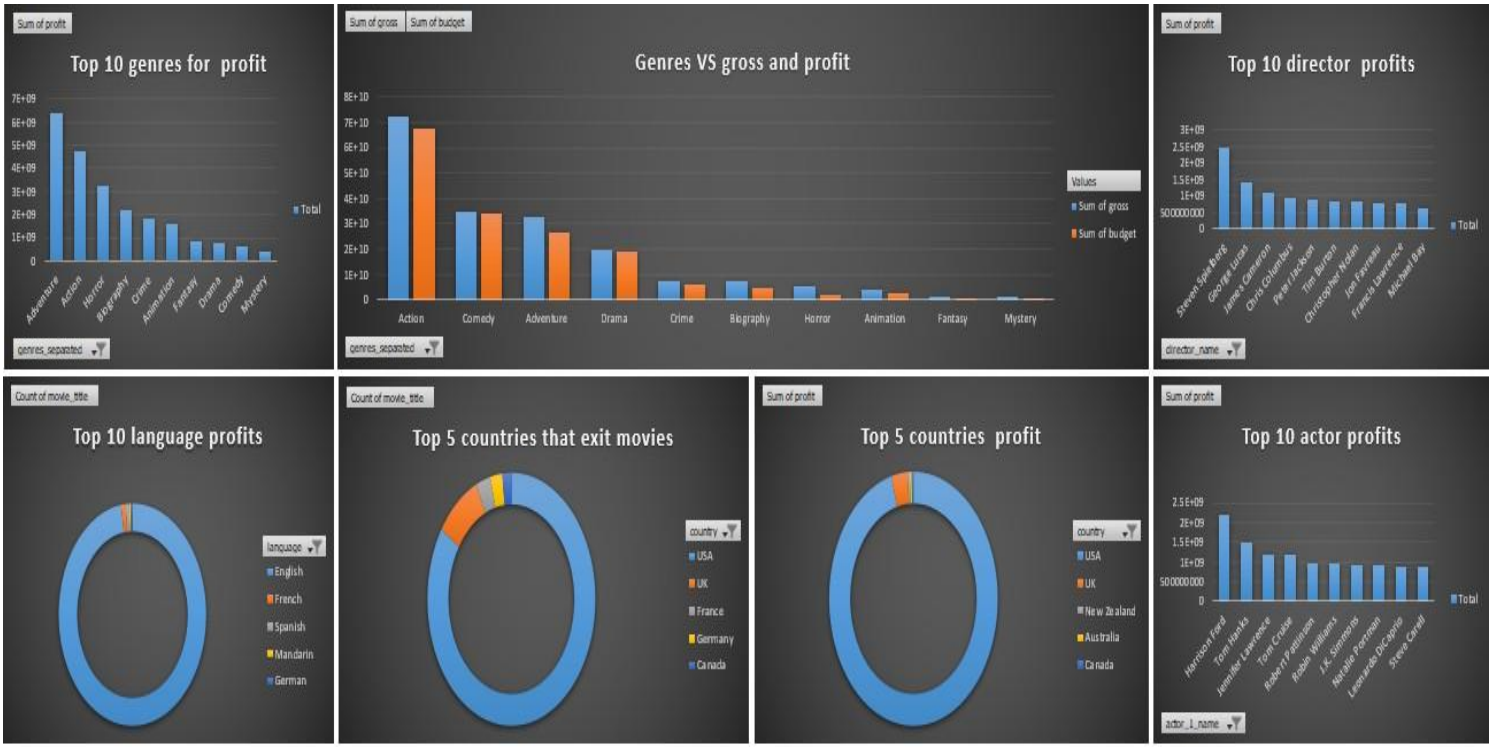












These are some dashboards that answer most of the questions that have been asked.