

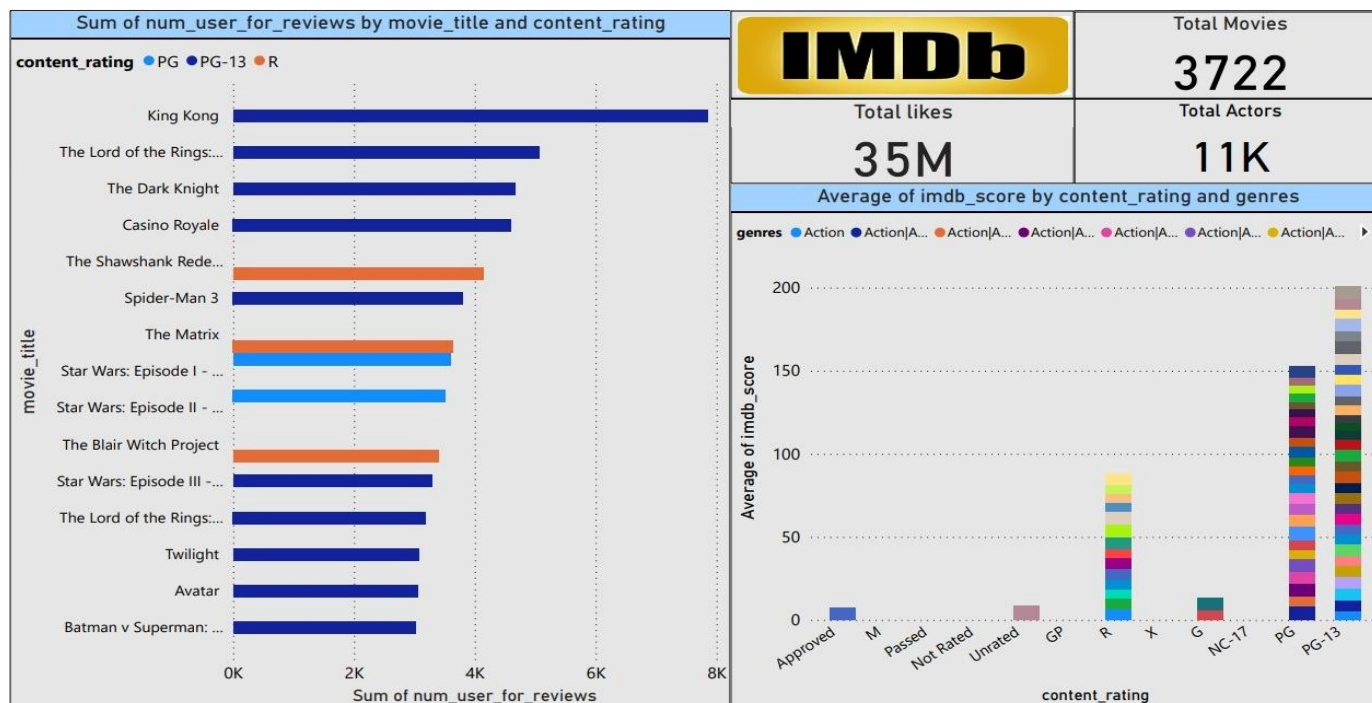
IMDB Movie Analysis With PowerBI

The Internet Movie Database (IMDb) is an online database containing information and statistics about movies, TV shows and video games as well as actors, directors and other film industry professionals.

The Dataset contains information about the

- Movies
- Genres
- Language
- Directors
- Actors
- Budget, Gross
- IMBD rating

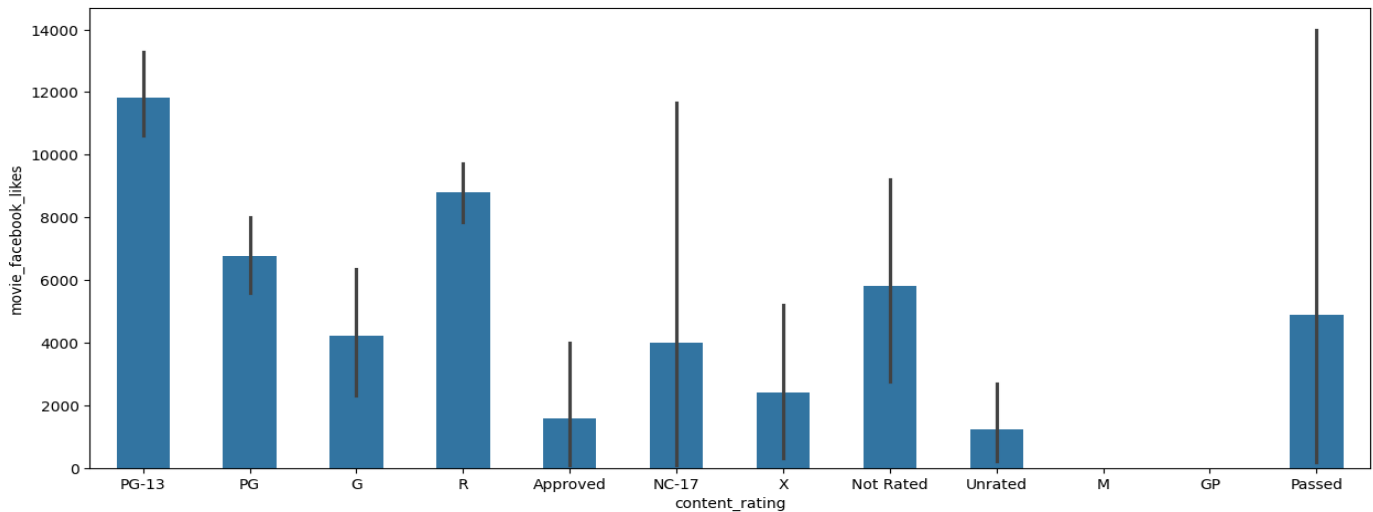
EDA Using Power BI



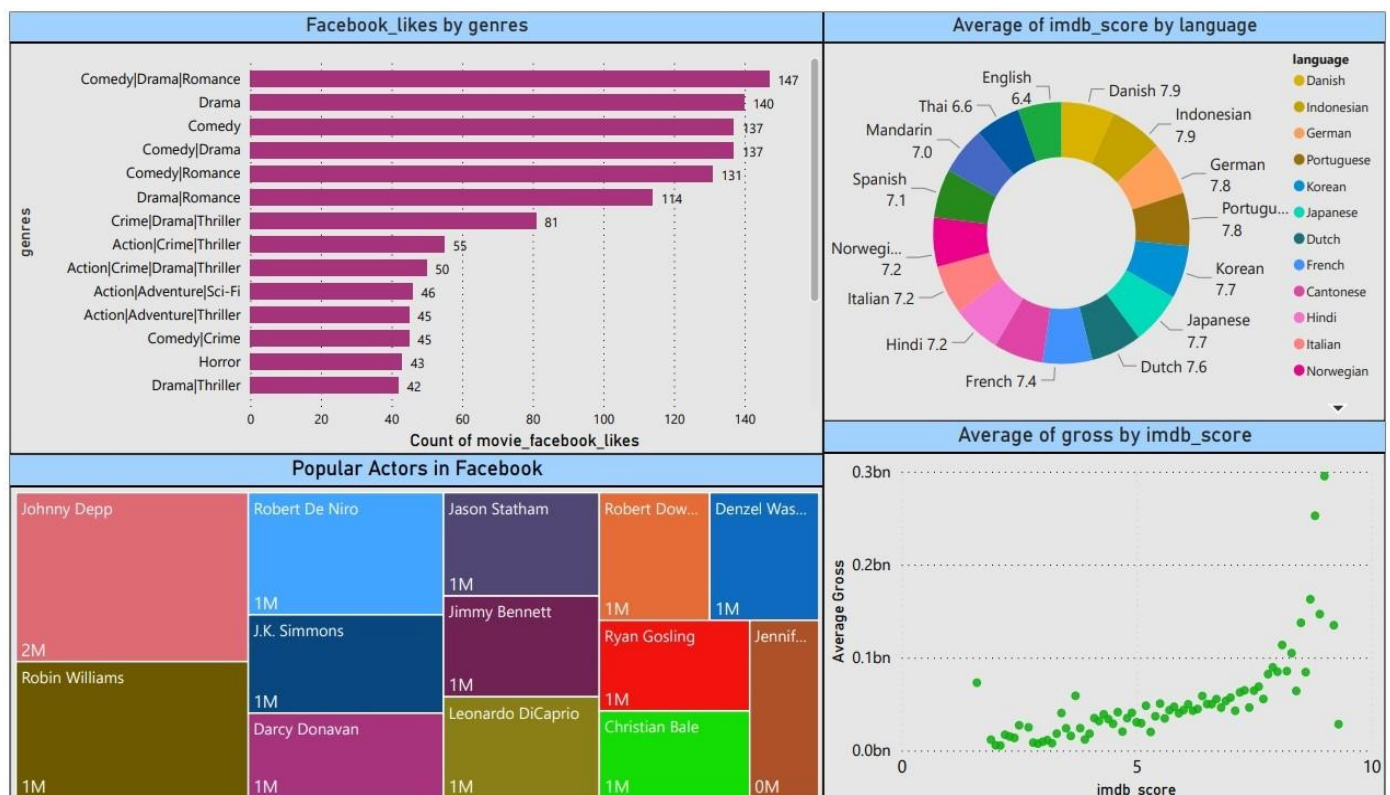
- There are 3722 movies and directors, 11,000 actors mentioned in the dataset
- Total Facebook likes for Actors, directors and movies are around 35 million.
- The movies which have the highest number of the user reviews are the movies which are very popular worldwide. Also most of the movies are rated PG-13 rating(Meaning some content might not be appropriate for children under 13)

- The PG-13 rated movies are the ones which have the highest IMDB score followed by the PG (Under Parental Guidance) and R (Restricted for kids) rated movies. And this rating is given only for the English Language movies.

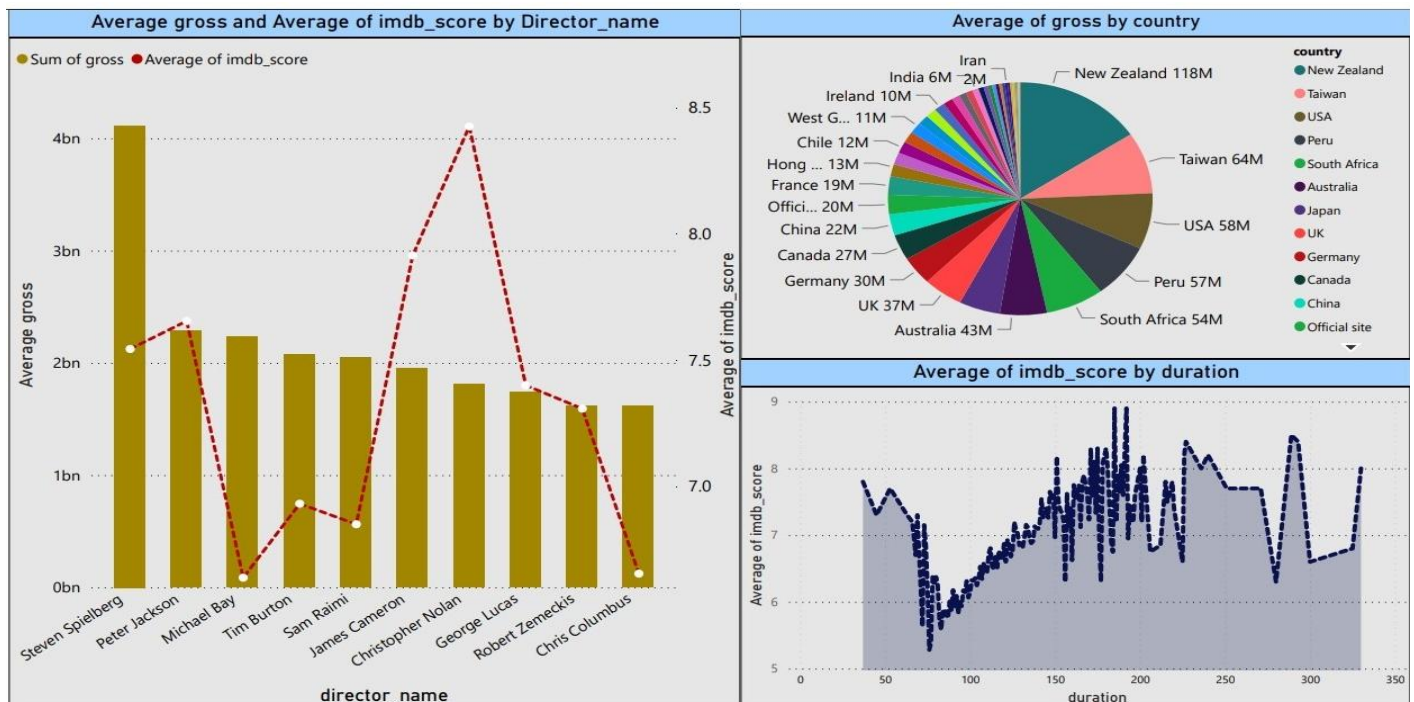
Plot of Content Rating Vs Face book Likes



PG-13 is more popular as the teens know it won't be a kiddy movie, and parents know it will be intense — but not as bad as an R-rated movie. Thus PG-13 movies are profitable too.



- According to the facebook likes people mostly like a blend of Comdey|Drama|Romance movies, followed by Comedy and Drama.
- The languages Danish, Indonesian, German, Portugal, Korean, etc have an average rating more than 7.5, whereas as English movies have an average rating of 6.4. The reason may be foreign languages pay more attention to quality while Hollywood concentrates more on collection.
- The movies with high IMDb scores (9) also have been the highest grossing movies.
- The most popular actors in Facebook are Johnny Depp, Robert Williams, Robert De Nero etc..



- Stephen Spielberg has an average gross of 4 billion and an average IMDb score of 7.5. Christopher Nolan has the highest average IMDb score of 8.4 and his average gross is less than 2 billion.
- Stephen Spielberg has directed more number of science-fiction and adventure movies, and Nolan has done many thriller and dark secret movies.
- New Zealand has the highest average gross of 118 million, Taiwan with 64 million and USA with 58 million.
- From the line plot it is clear that duration of the movies do not affect the IMDb score.

The IMDb rating does not consider the language, country, director, duration, actors or budget. It is mainly the content and quality of the film that decides the IMDb scores.