

Outcomes of the power bi project

Profitability

1. Release year 2001 has the most profitability with score of 6459.03, whereas year 1992 has the least with 2084.
2. The most profitable genre was found out to be Action, followed by Thriller and documentary.

Correlation between revenue and budget

1. The highest percentage of revenue was seen in thriller and Action followed by other genres.
2. It is observed that budget of documentary is less and revenue of the documentary is high which indicates the potential in that genre.

Financial Analysis

Total movies = 940

Total profit = 121.5 k millions

Total gross = 214.5 k millions

Total budget = 93.1 k millions

1. Languages such as Japanese, Spanish, mandarin has higher worldwide ROI whereas English has the least ROI
2. It is observed that filming in USA and Canada has yielded a profit of up to 35% of overall profit compared to other countries.
3. Oceanview productions has the highest profit margin whereas redwood has the least margin.

Rating Analysis Dashboard

1. The average IMDB rating was found to be 5.46.
2. Genres like sci-fi and thriller have higher IMDB rating compared to genres like comedy.

3.Count of Mpa ratings was found to be highest in Spanish followed by mandarin

4.It was found that average of IMDB was found to be highest (5.88) in redwood company compared to all.

5.Mpa rating with 'G' has the highest average box-office with avg IMDB rating of 4.88, whereas Mpa rating with 'PG' has avg box-office of 255 and Avg IMBD of 5.85.

Genre Analysis

1. Sci-fi and Action combined forms nearly 35% of total movies released.

2.Sci-Fi and Thriller has the highest IMDB rating whereas comedy has the least.

3. It is Forecasted that documentary will have higher popularity compared to all others