IMDb Movie Dataset Analysis Dashboard

This Power BI project summarizes insights from the IMDb Movie Dataset. It visualizes metrics and trends related to IMDb movies, including ratings and genres.

By Anubhav Kumar Tiwary

Ratings Distribution Overview

1 **Majority Range**

Most IMDb movies have ratings between 6.0 and 8.0.
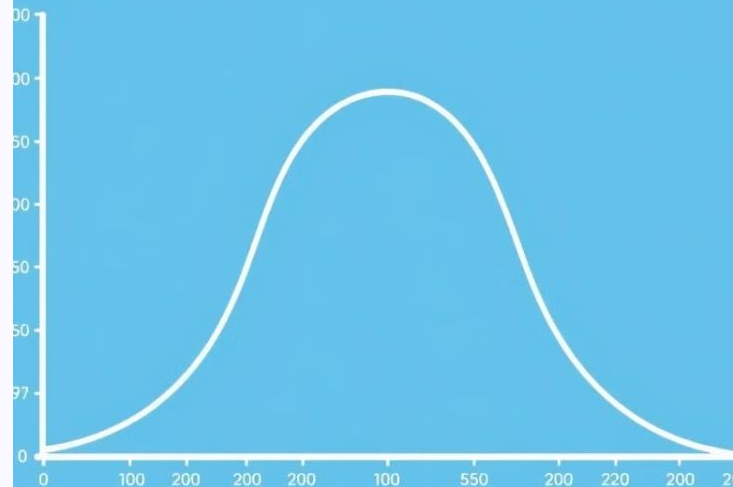
2 **High Ratings**

Movies rated above 8.5 are fewer, often critically acclaimed.

3 **Bell Curve**

Ratings follow a bell curve, with fewer extreme ratings.

Movie Ratins

Genre Popularity: Action and Drama

Action

Action genre dominates the IMDb movie database.

Drama

Drama is another leading genre in the database.

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Genre Popularity: Sci-Fi and Fantasy
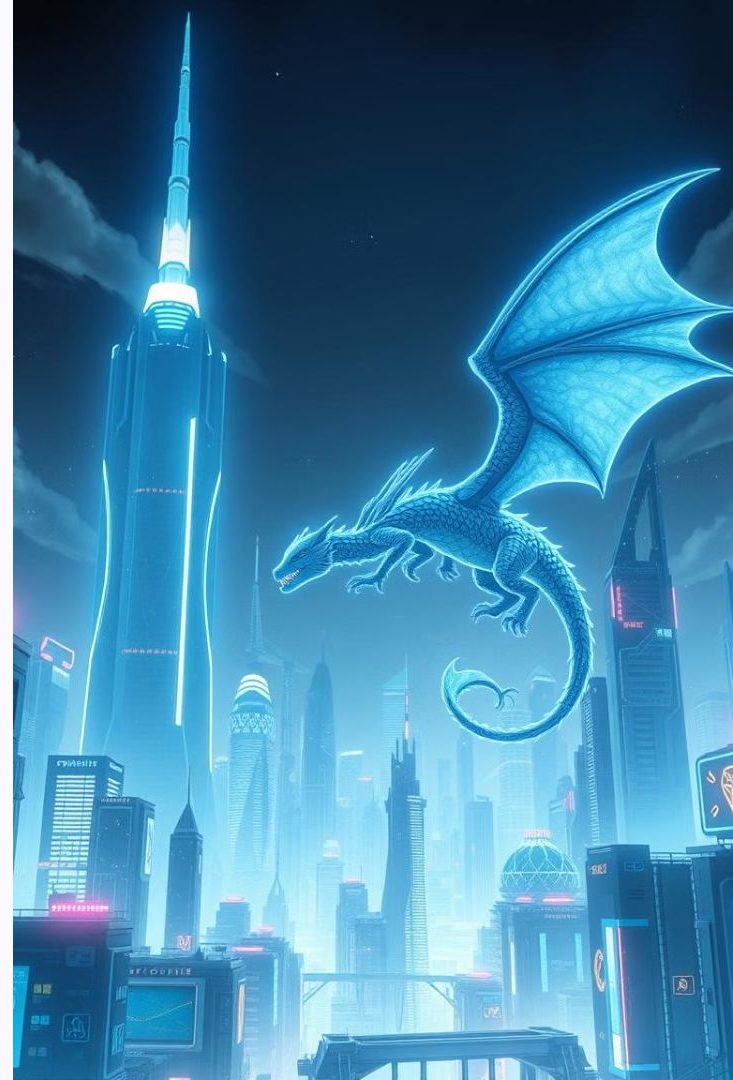
Sci-Fi

Science fiction features prominently in the database.

Fantasy

Fantasy genre also shows strong presence.

Franchise Impact

Popular franchises often contribute to these genres' prominence.

Niche Genres

Documentary
Smaller portion but steady popularity among specific audiences.
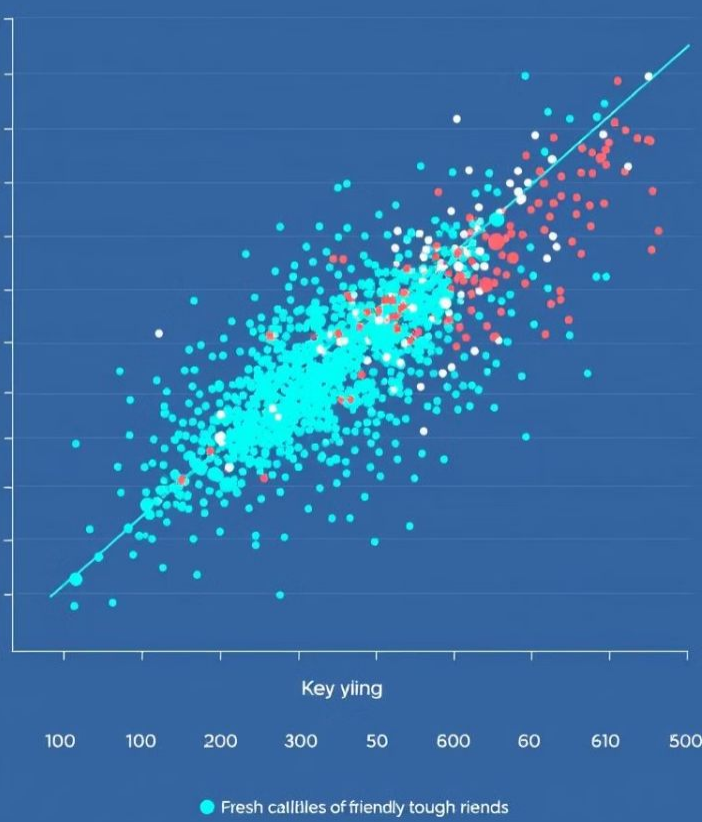
Musical
Niche genre with dedicated viewership.

Indie
Independent films maintain a consistent presence in the database.

Box Office and Ratings Correlation

1

Positive Correlation

Moderate positive correlation between higher IMDb ratings and box office success.

2

Exceptions

Some average-rated movies achieve significant box office revenue.

3

Influencing Factors

Marketing and franchise power impact box office performance.

Dashboard Functionality

1 Explore Trends

Users can visualize trends in the movie industry.

2 Data-Driven Decisions

Dashboard aids in making informed decisions based on movie data.

3 Further Analysis

Provides foundation for conducting more in-depth analyses.

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Conclusion

The IMDb Movie Dataset analysis provides valuable insights into the distribution of movie ratings, genre trends, and the relationship between ratings and box office performance. This dashboard allows users to explore and visualize trends in the movie industry, helping make data-driven decisions or conduct further analyses.