

The Factors Influencing Movie Rankings: A Data-Driven Analysis

Trends in Movie Rankings Over Time

(Graph: Average Movie Rank by Year)

The first key insight comes from examining how movie rankings have changed over time. The line graph shows the **average movie rank by year** highlighting trends in the quality and perception of films over different decades. We observe that rankings have fluctuated but have generally **declined slightly in recent years** suggesting that either movie quality or rating standards have shifted over time. Peaks in rankings indicate periods where highly rated films were dominant, while dips may suggest a period of lower-rated releases.

Does Genre Influence a Movie's Ranking?

(Graph: Average Movie Rank by Genre)

To determine whether genre impacts a movie's ranking, we analysed the **average rank by genre**. The visualisation reveals that **Documentary, Film-Noir, and Short films** tend to receive the highest rankings, indicating a preference for niche, artistic, or factual storytelling. Conversely, **Sci-Fi and Horror films** appear at the lower end of the ranking spectrum, suggesting they may be less critically acclaimed or polarising in their reception.

Which Movie Genres Are Produced the Most?

(Graph: Distribution of Movies Across Genres)

While some genres perform better in rankings, are they also the most frequently produced? The bar chart displaying the **distribution of movies across genres** shows that **Drama and Short films dominate in quantity**, with Comedy and Documentary following closely. Interestingly, while Documentaries have high rankings, they are not the most frequently produced genre. On the other hand, Action, Sci-Fi, and Fantasy, which tend to have lower rankings, are also among the less frequently produced genres.

Final Insights & Conclusion

From this analysis, we can conclude that **genre plays a crucial role in movie rankings**, with some genres consistently ranking higher than others. Additionally, **movie rankings have slightly declined over time**, possibly due to changing rating standards or shifts in audience expectations. The number of movies produced in each genre does not always correlate with higher rankings—while Drama and Short films dominate in quantity, they do

not necessarily have the highest rankings. Meanwhile, genres like Documentary and Film-Noir receive higher rankings despite being produced less frequently.

Next Steps for Further Analysis

1. **Director Influence:** Analysing which directors consistently produce highly ranked movies.
2. **Comparing Audience vs. Critic Ratings:** If data is available, comparing professional critics' scores with general audience ratings.
3. **Deep Dive into Genre Evolution:** Examining how rankings for specific genres have changed over different periods.