

Analysis for new movie studio

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Objectives

To get:

The most produced genre

Genres with high ratings

Movies that have made most profit

Relationship between average rating and number of votes

Genres that have minimal average ratings

What range of run time(minutes) get most views

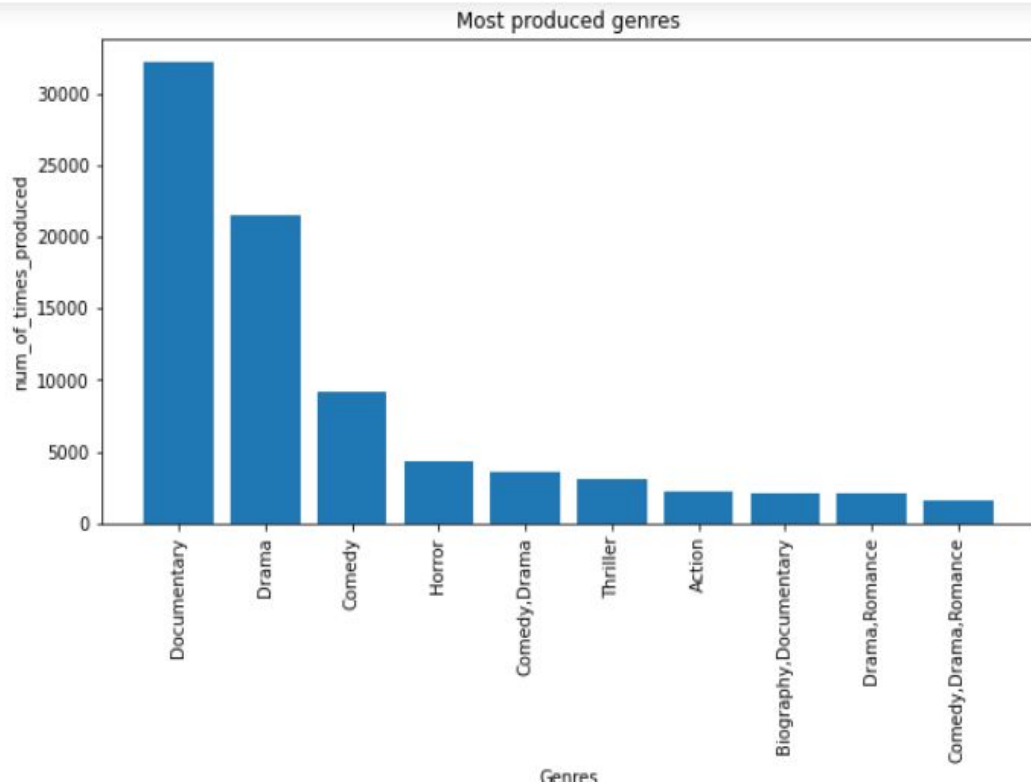
Tools used

- Jupyter notebook
- pdf
- python
- matplotlib
- numpy

Business Problem

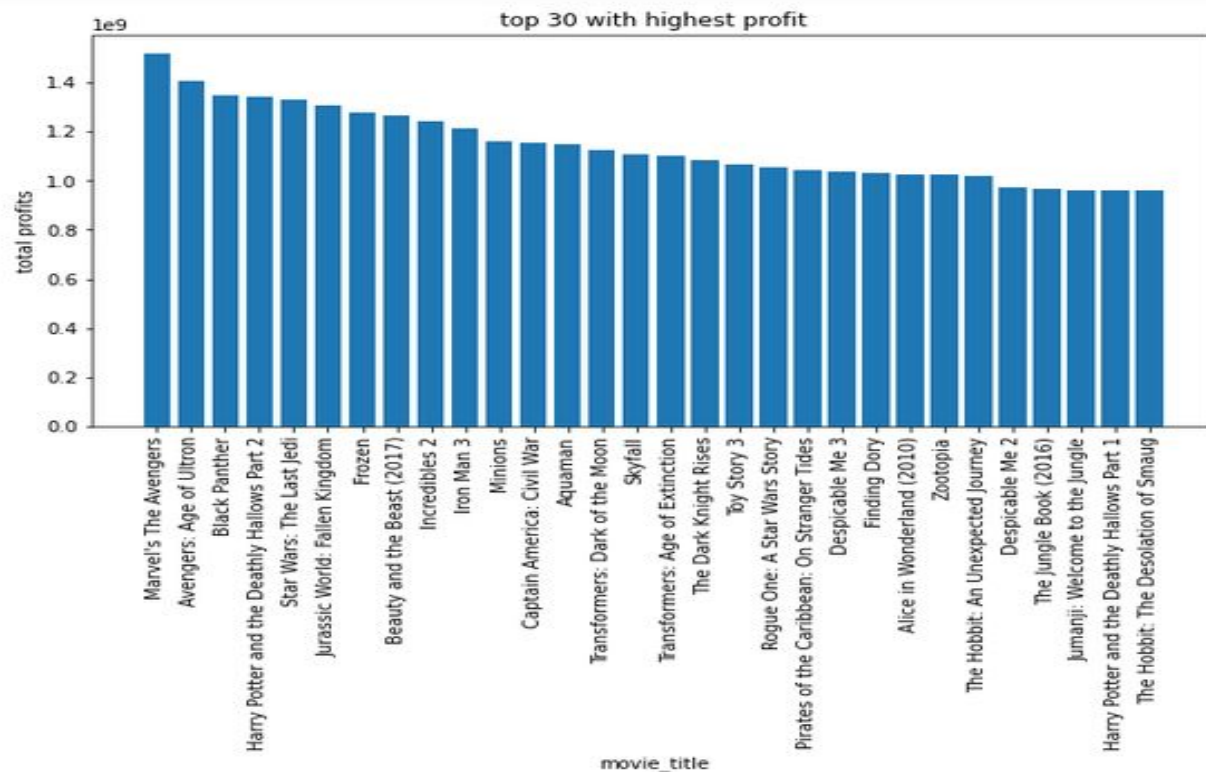
Knowledge about creating movies

Most produced genres



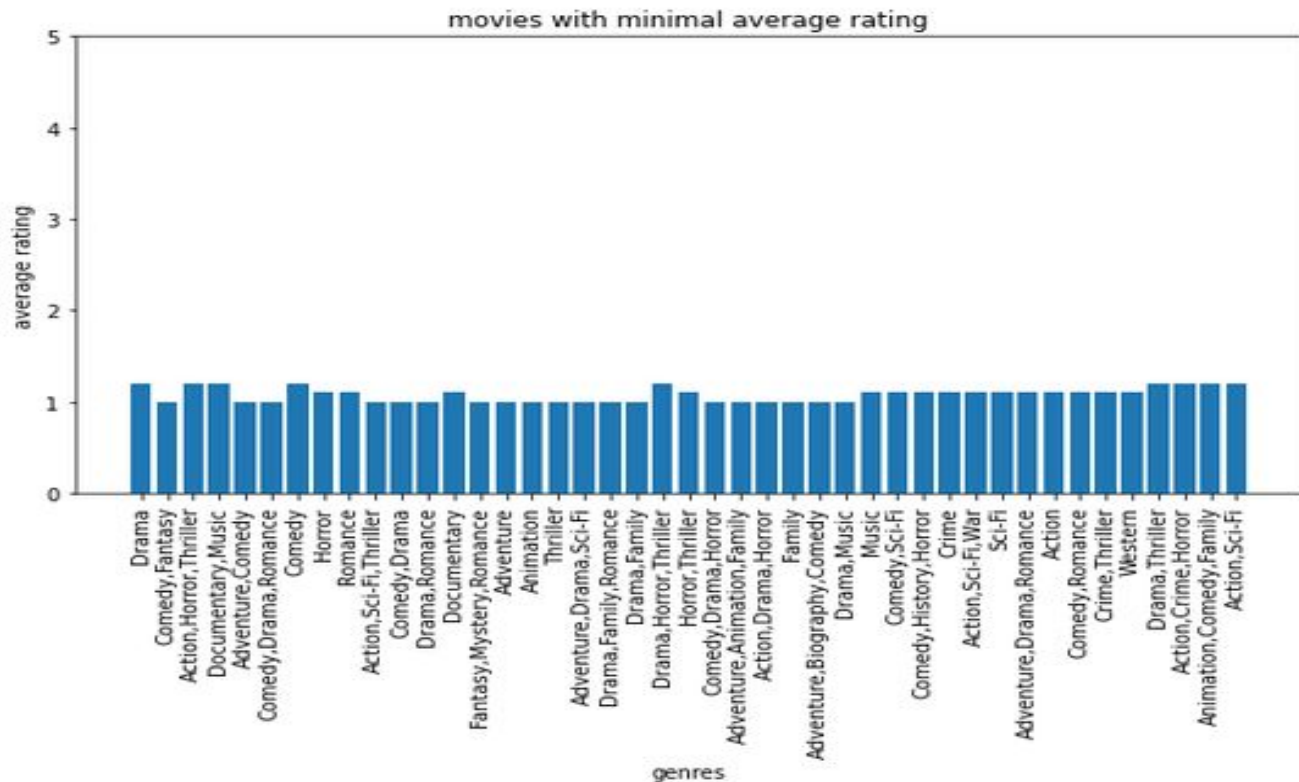
Most produced movies are Documentaries which are also have the second most high profits.

Movies that made the most profit



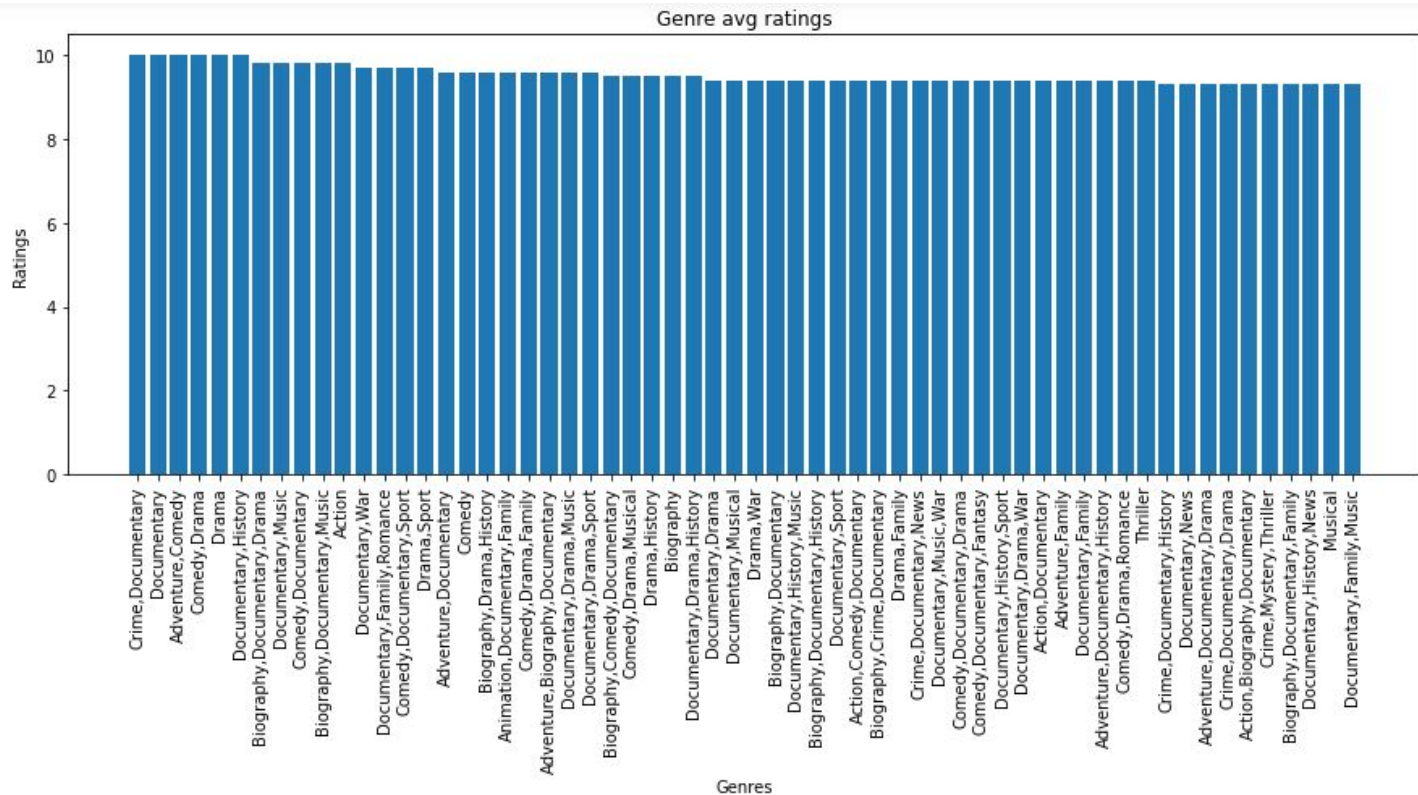
Movie genres to that have made the most profit.

Movies with minimal average rating



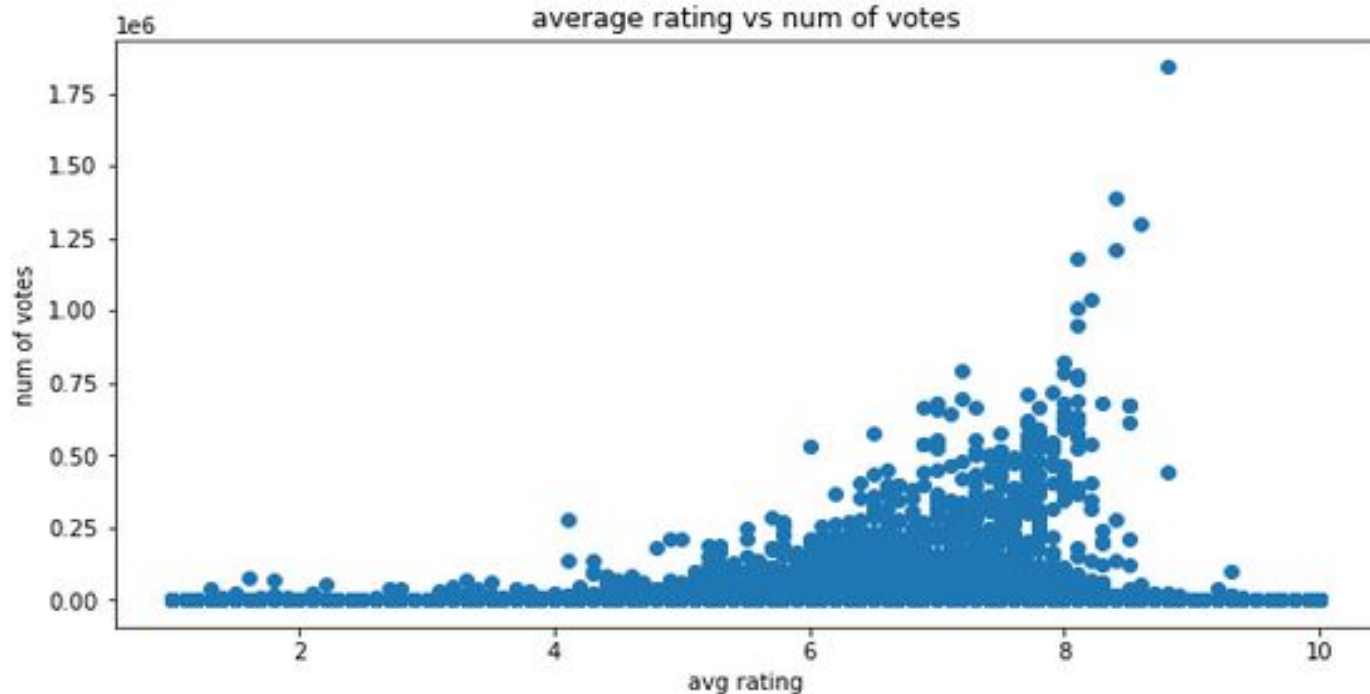
Movie genres not to venture into due to very low ratings

Genres with a high rating



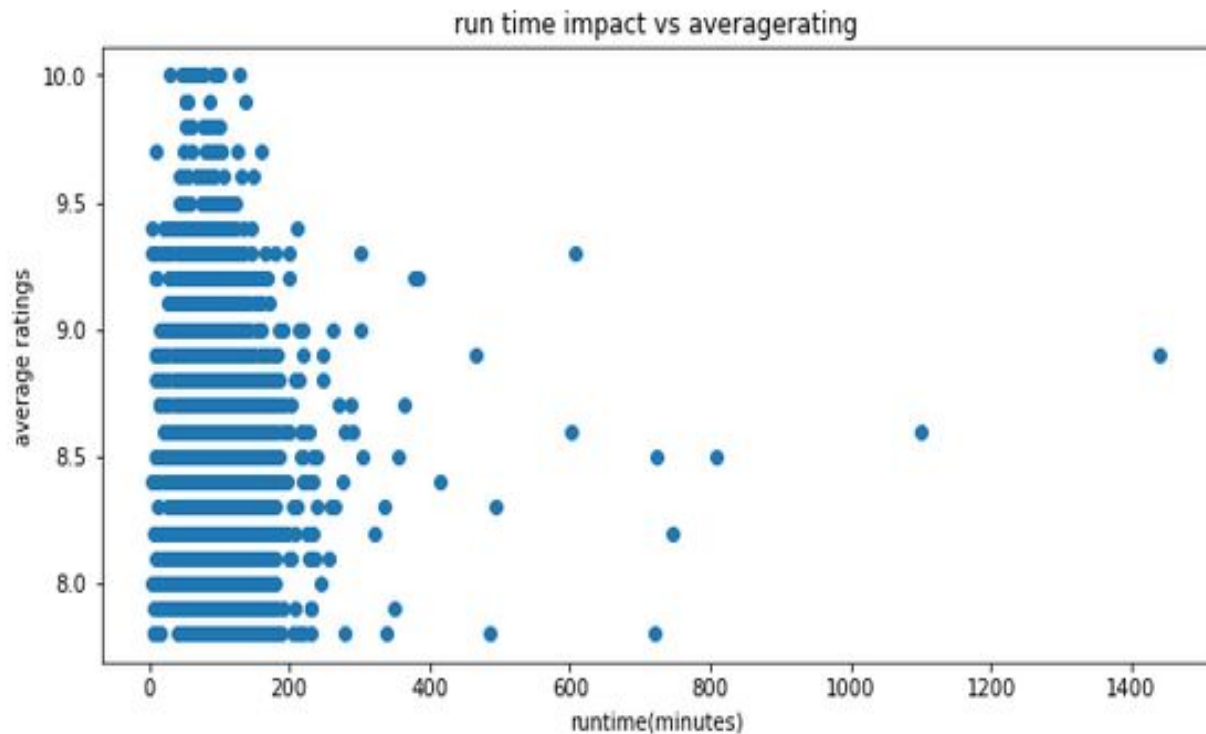
Movie genres
with a very
high rating.

Relationship between average rating and number of votes



Number of votes
are quite high at
7.8 to 9 avg rate.

Run time(min) impact on average rating



Most movies with high ratings as from 9.6 to 10 range from 54 minutes to 105 minutes.

Recommendations

Movies produces to last for an hour have better chances to have high rates.

Movie genres with minimal average ratings are not to be ventured into due to very low ratings.

Documentaries are most produced and have high ratings.

Conclusions

Movies make profit

Recommend for the company to venture in documentaries.

Thank You!

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