Microsoft Movie Project

Summary

- Analysis of movie datasets to identify several aspects of most profitable movies. Studios preferred by most people and best preforming directors

- Recommend best directors, studios and genres to produce.

Outline

- Business problem
- Data
- Methods
- Results
- Conclusion

Business Problem

- Microsoft to produce best movies in terms of attributes in order to maximize their earnings.

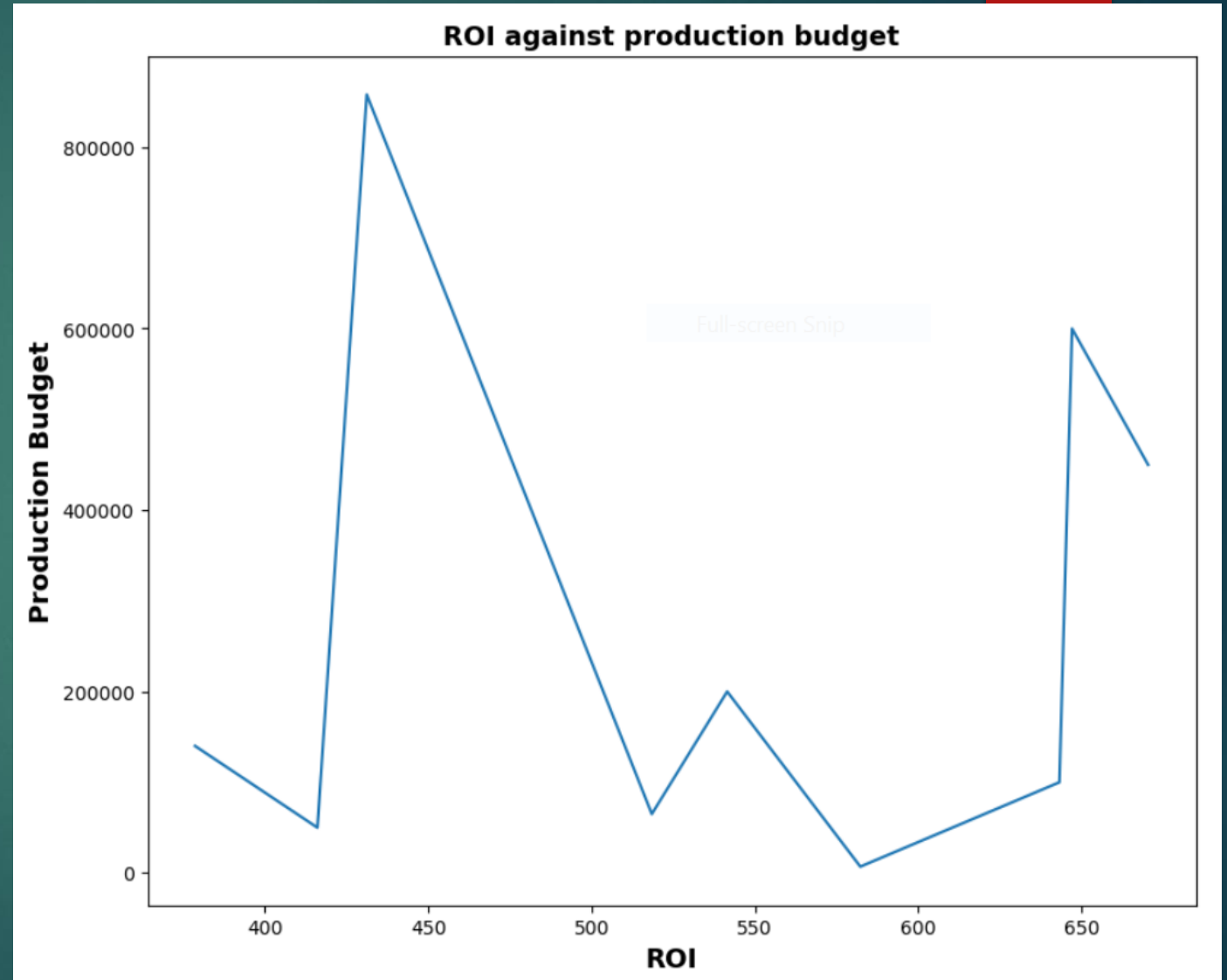- Identify factors like best studios and directors for the same

Data

Data on thousand of movies is analyzed

The raw data includes the following information :

- Genre
- Movie release date and runtime
- Revenue earned domestically and abroad
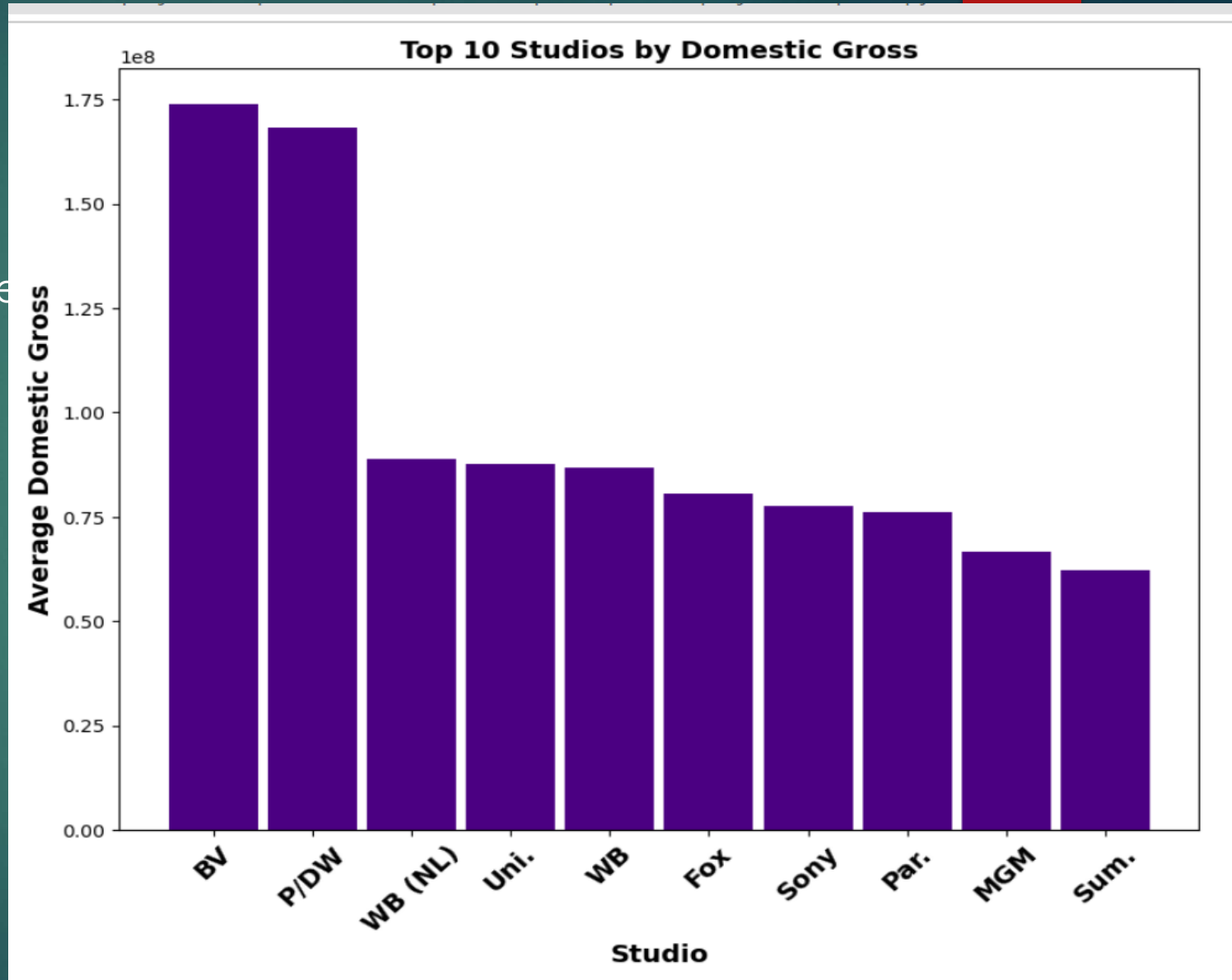- Producers details like name and age

Methods

- Movies return on investments verses production budget is taken is analyzed.

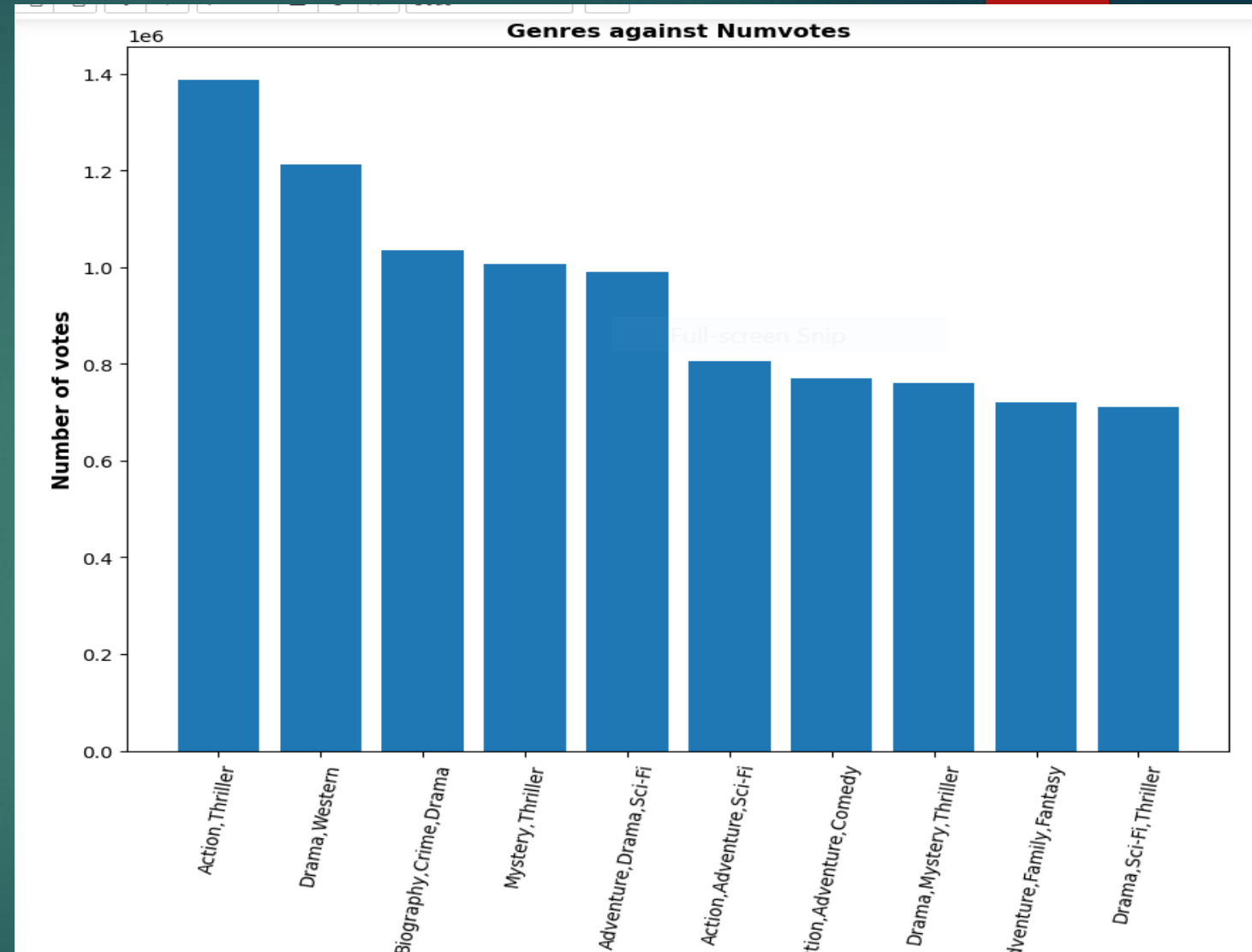- Data cleaning and analysis of movie gross was determined

Methods

- Top ten studies by gross domestic were sorted.

- It is evident that some studios had higher domestic gross than others.
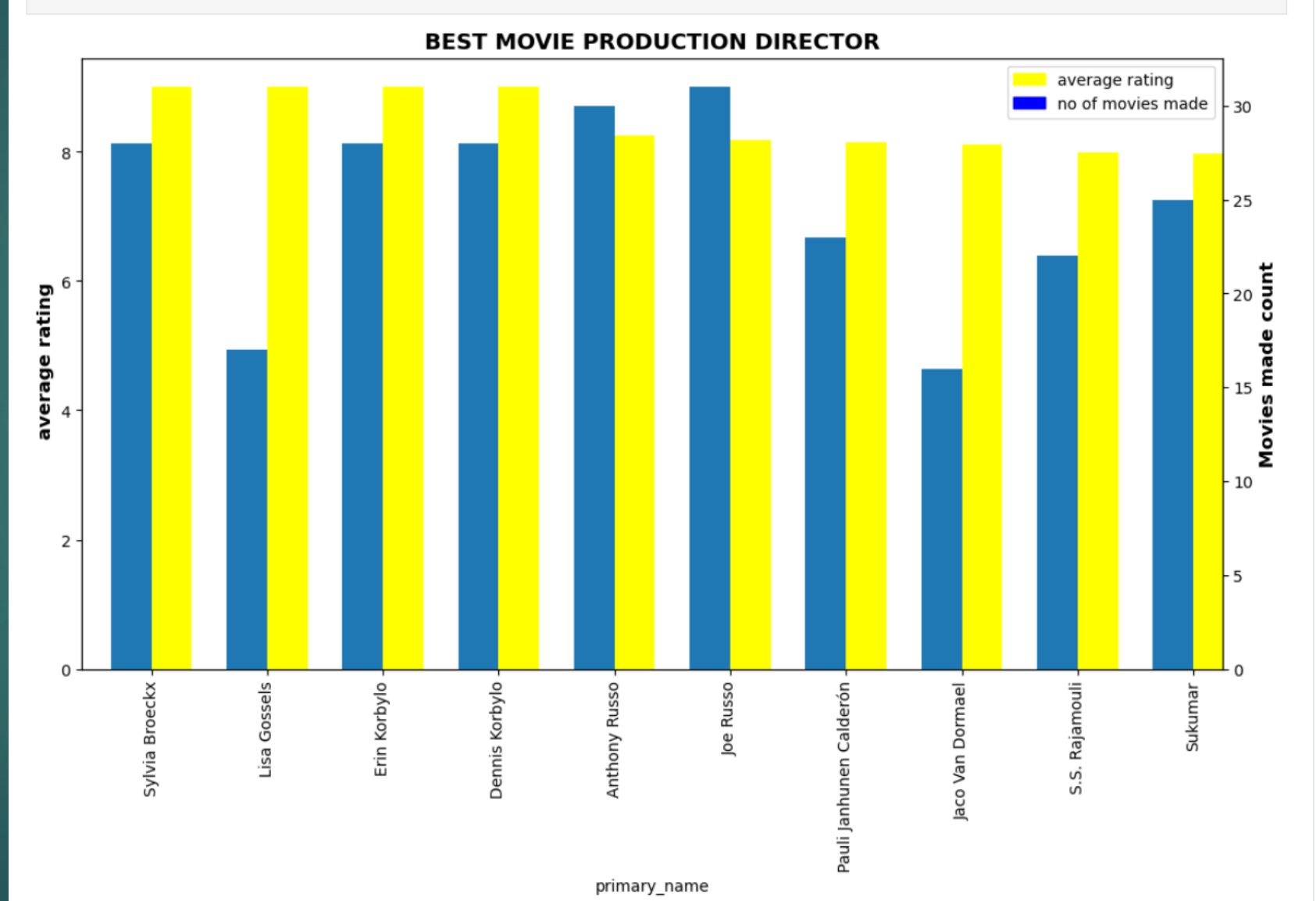

Top 10 Studios by Domestic Gross

Methods

- Determination people who voted for a given collection of genre.

- Ratings was determined alongside the number of people voted.

- It can be seen that people voted much for some genre.

- Over 600,000 votes were tabulated

Methods

- Best movie directors were determined.

- This was based on the number of movies made and the average ratings they had.

Results

- Action and thriller followed by collection of drama and western were voted by most people

- Some studios were recommendable since they provided higher returns.

- Sylvia broeckx, Dennis korbylo and Erin korbylo are among top perfuming directors

Conclusion

Top studios by earnings

- BV
- P/DW
- WB(NL)
- Uni.
- WB

Most preferred directors

- Sylvia Broeckx
- Dennis Korbylo
- Erin Korbylo
- Joe Russo

Most preferred collection of Genres

- Action/thriller
- Drama/Western
- Biography/Drama/Crime
- Mystery/Thriller

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