

Module 1 Project

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Introduction

The purpose of this project was to clean, organize, and analyze sets of data about movies in order to give recommendations to Microsoft to create original content for their new streaming platform.

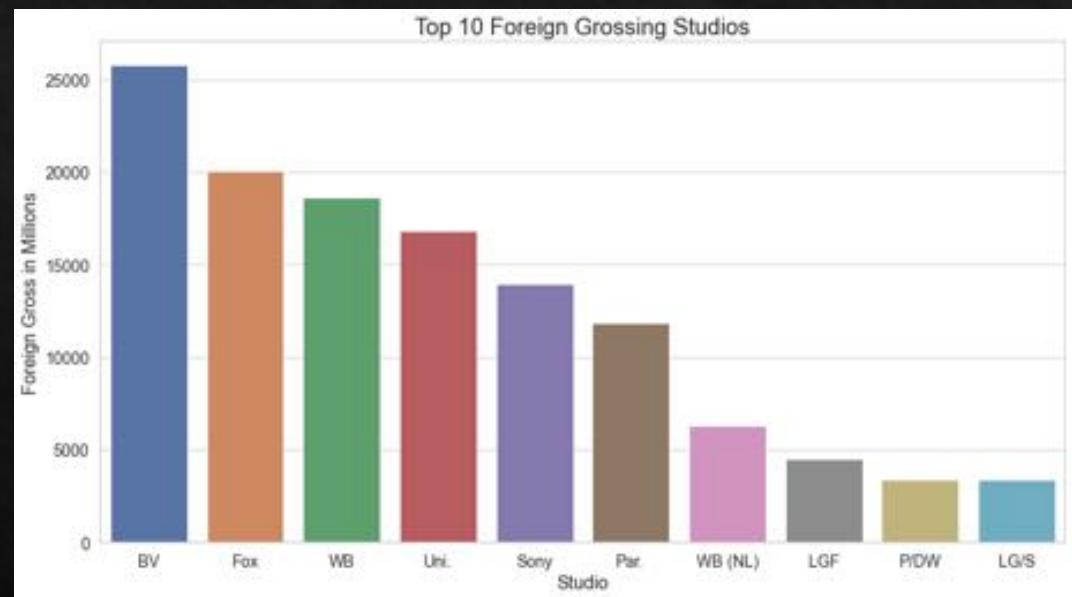
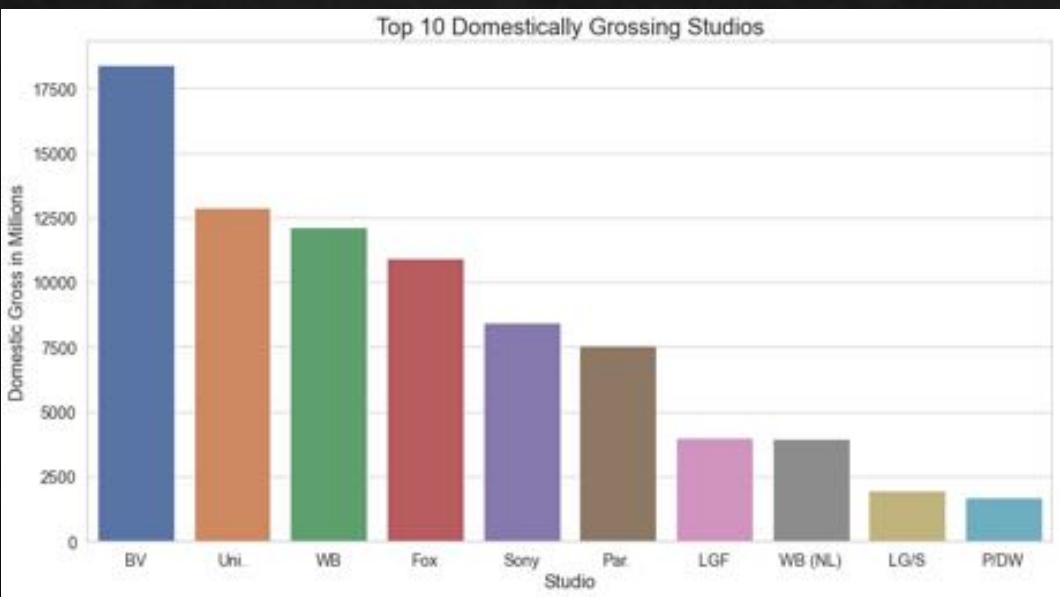
The questions that were answered throughout this project were:

1. Which movie studios made the most money?
2. What are the highest rated movie genres?
3. How does production budget effect a movie's earnings?

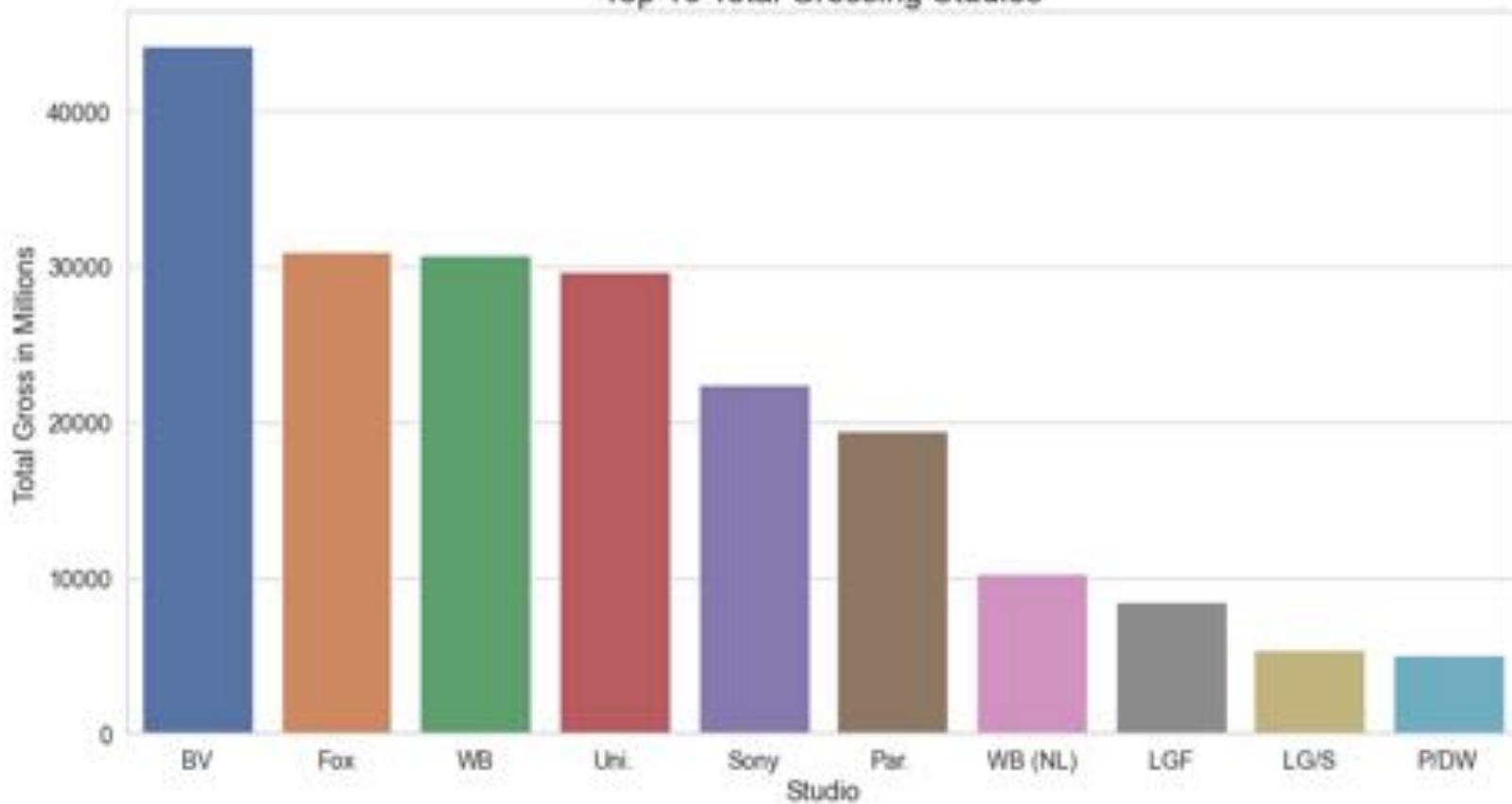
Technical Process

- ❖ Data Cleaning
- ❖ Answering the Questions
- ❖ Data Visualization

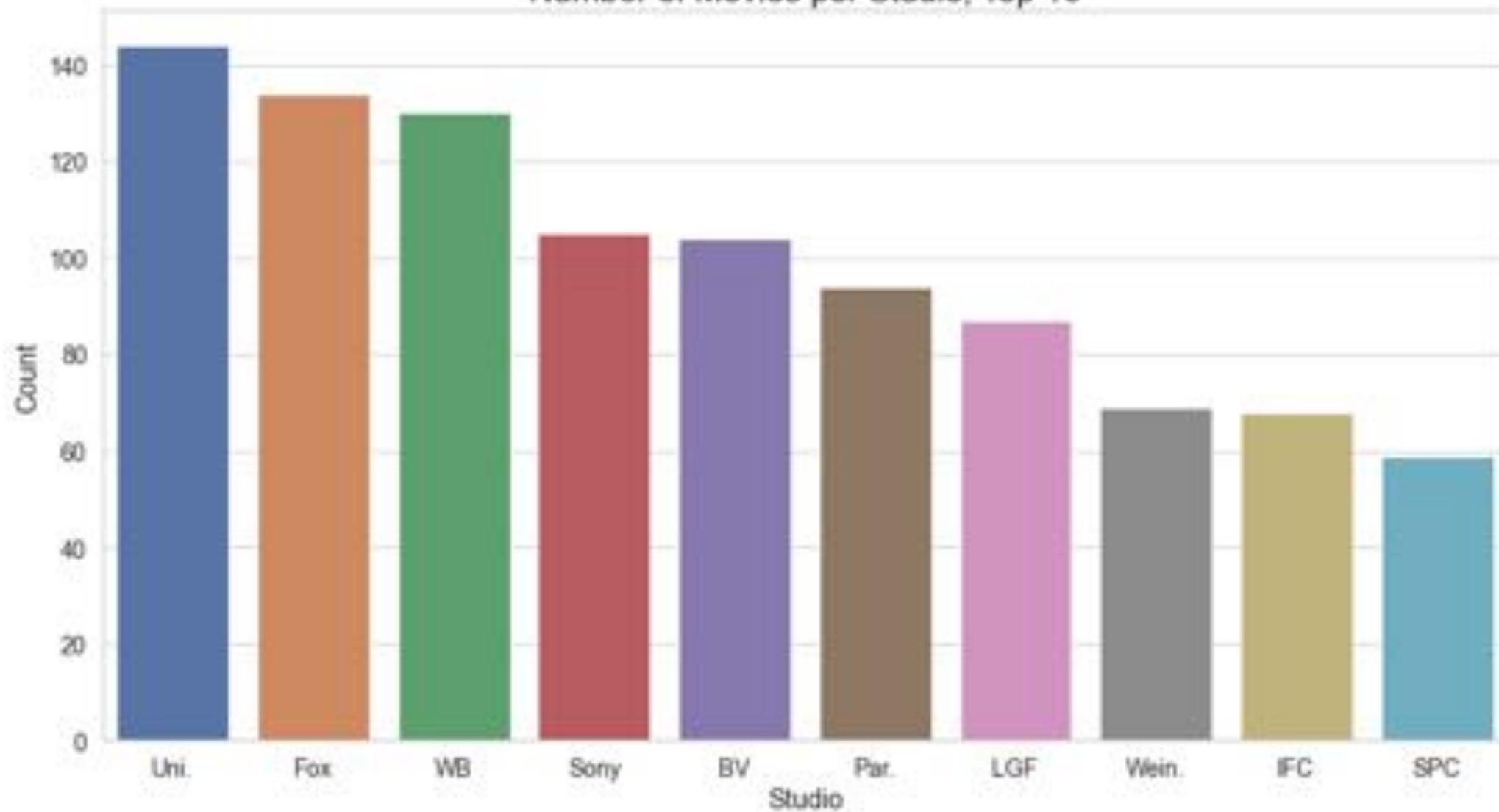
Which movie studios made the
most money?



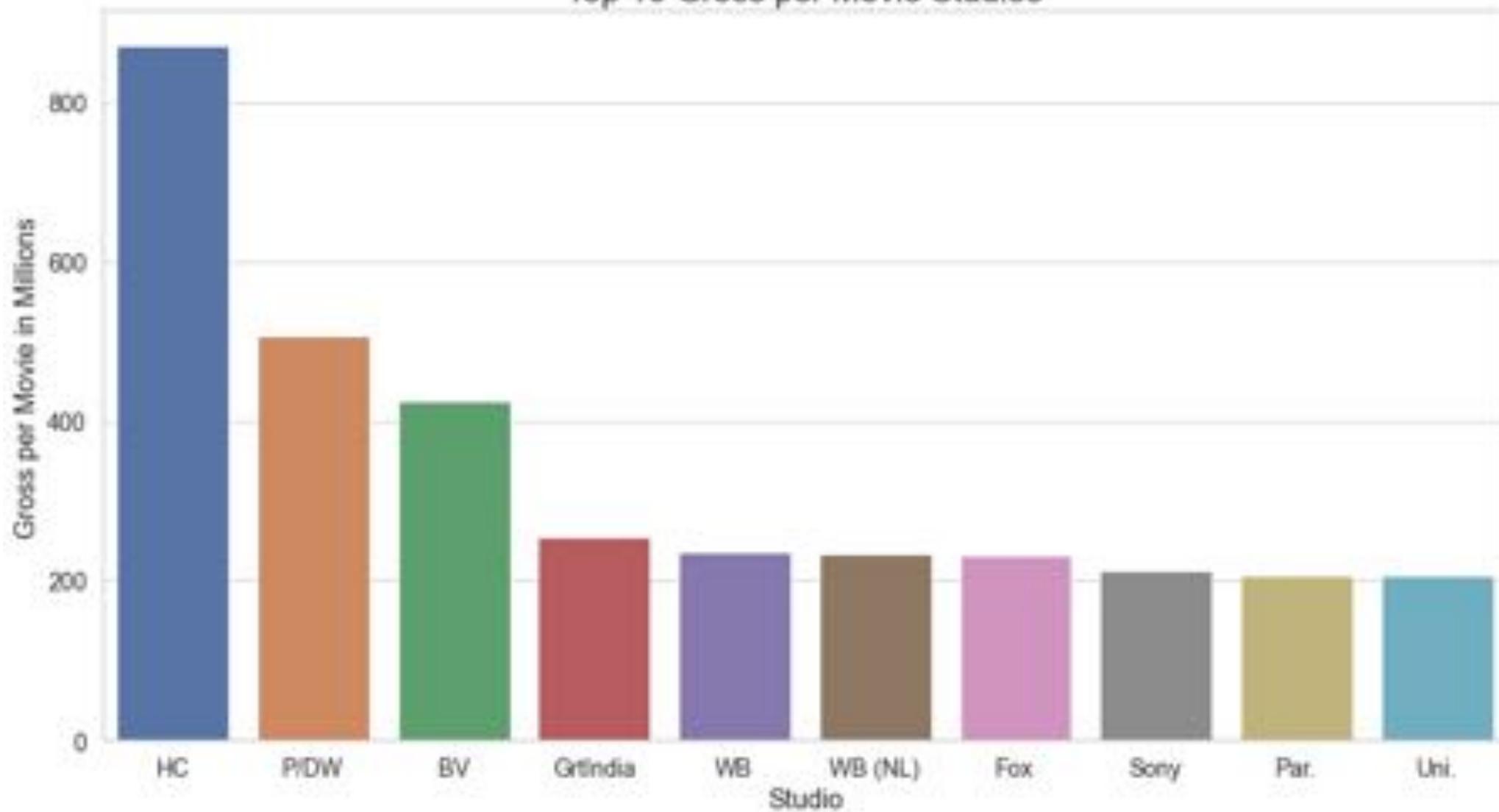
Top 10 Total Grossing Studios



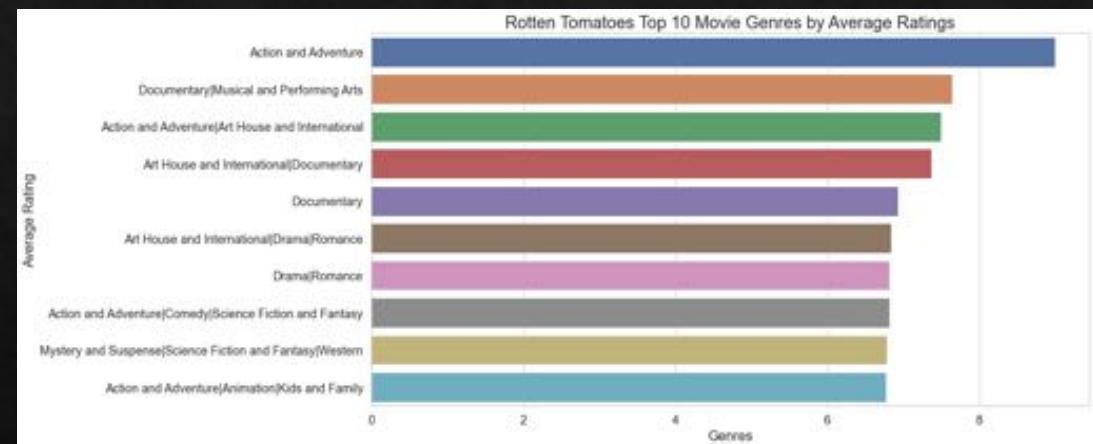
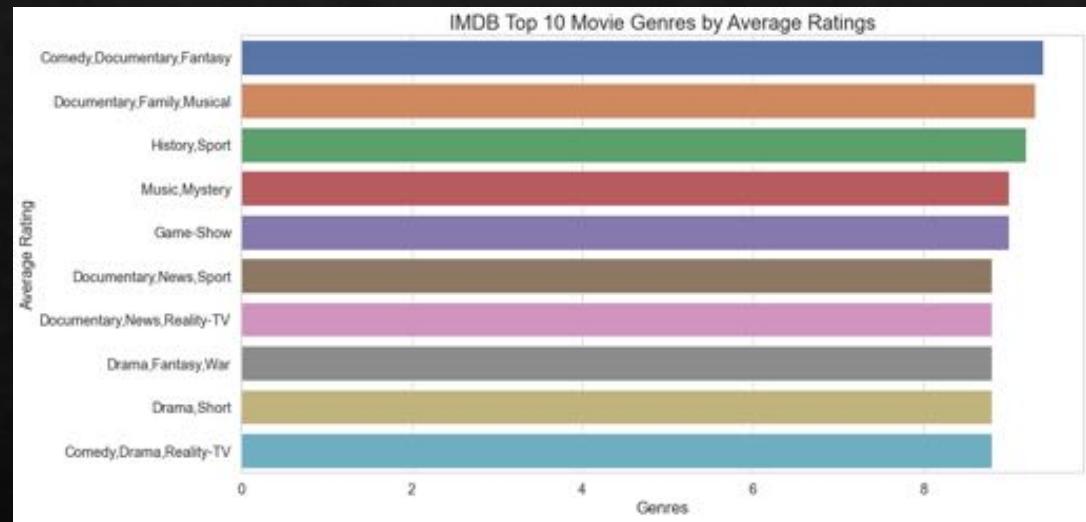
Number of Movies per Studio; Top 10

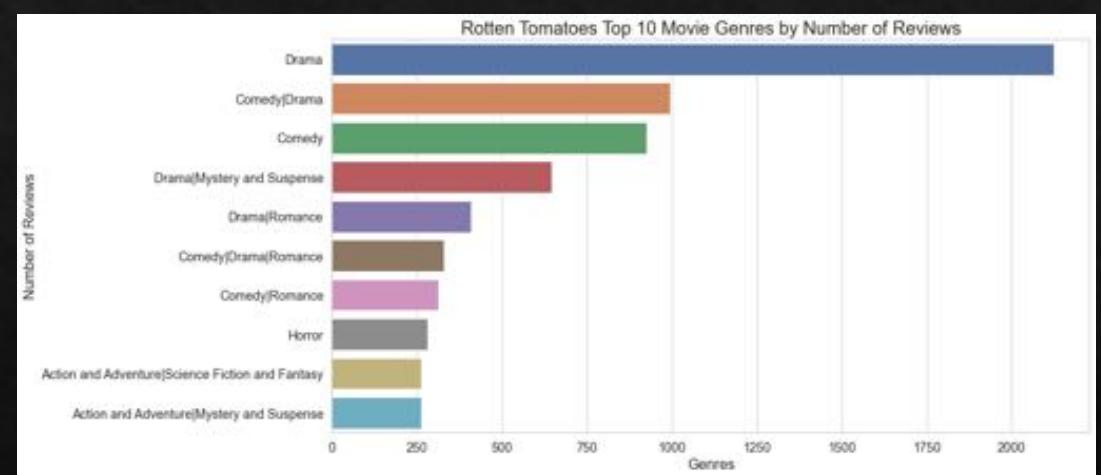
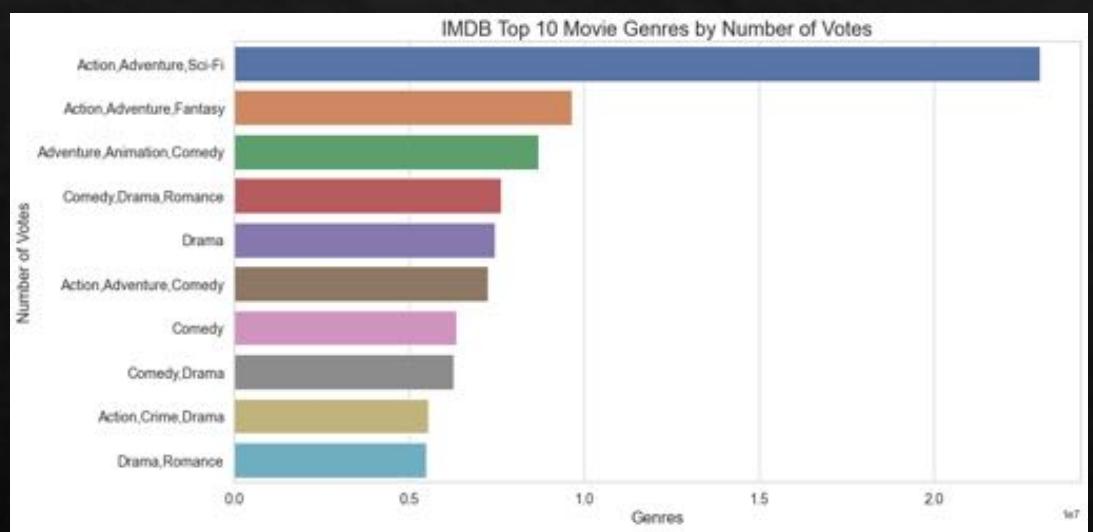


Top 10 Gross per Movie Studios



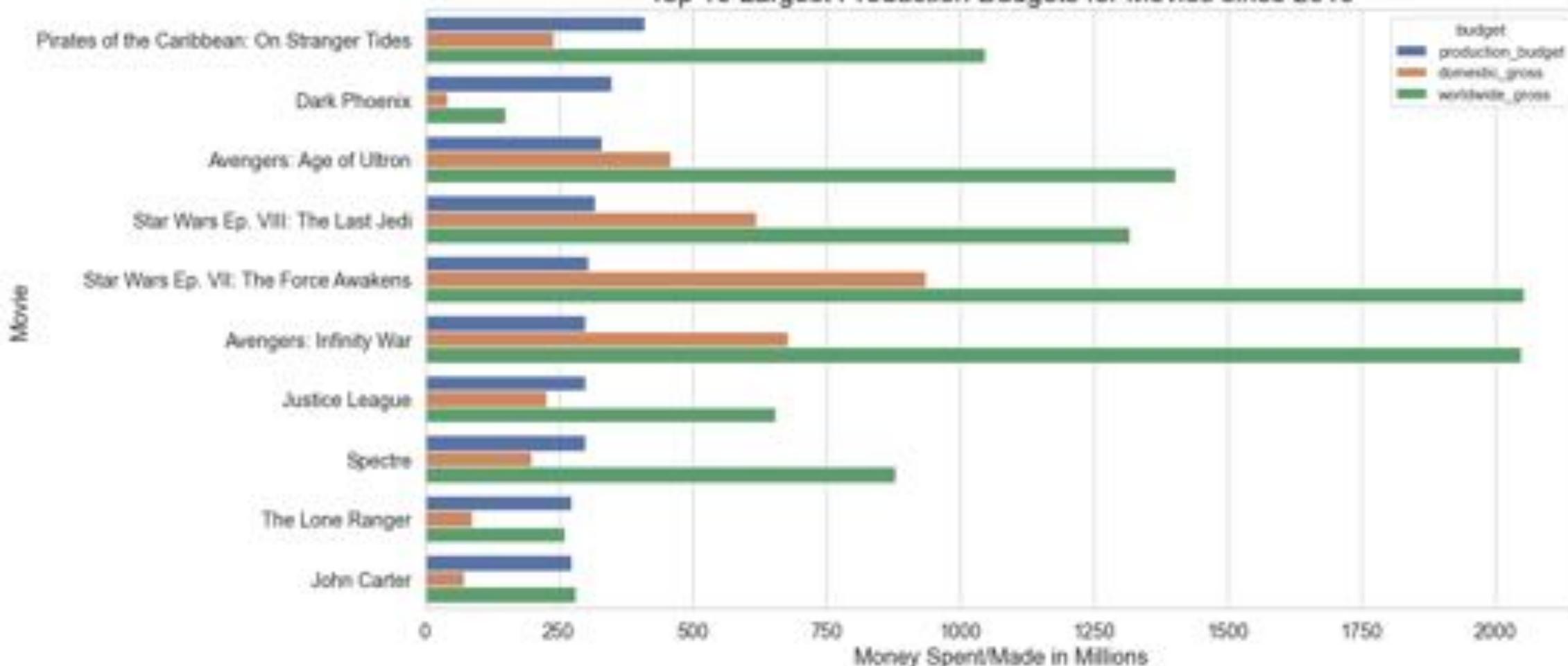
What are the highest rated
movie genres?



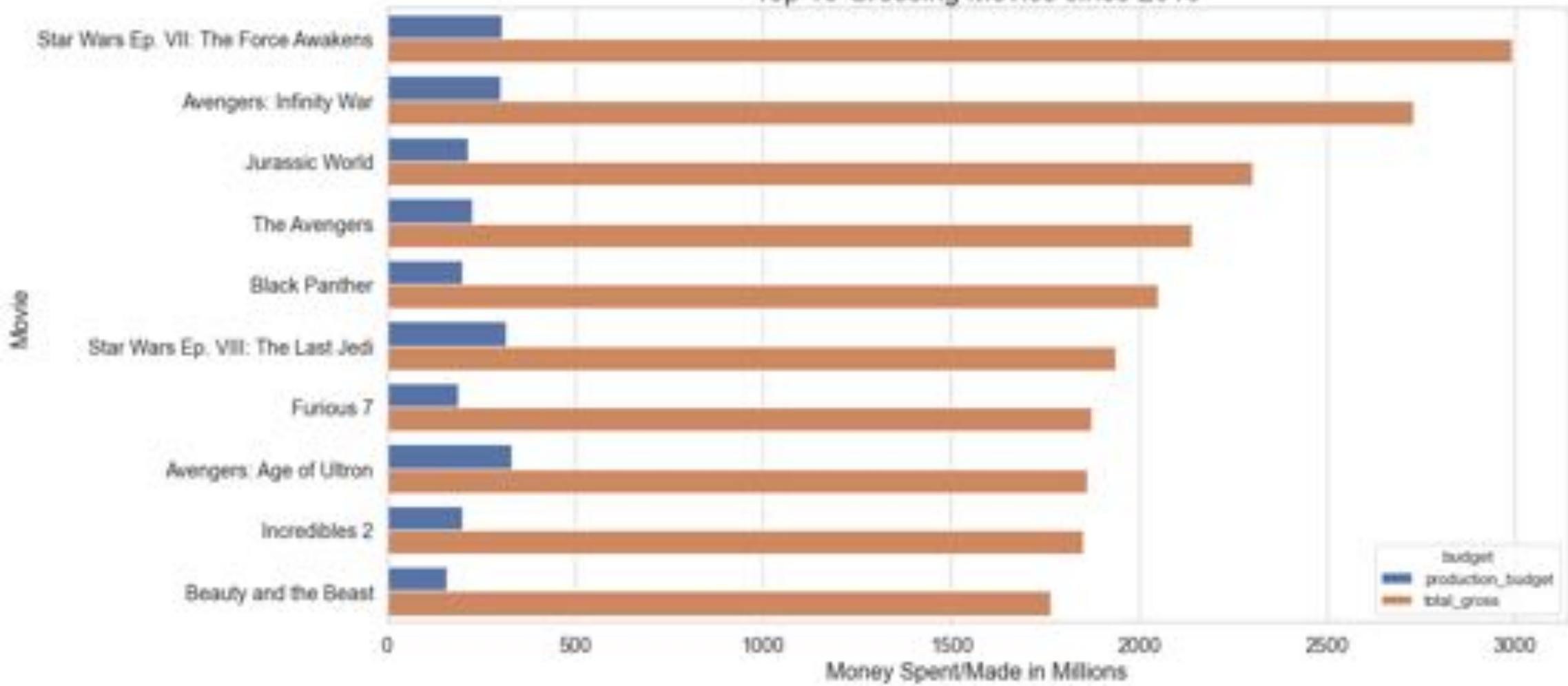


How does production budget
effect a movie's earnings?

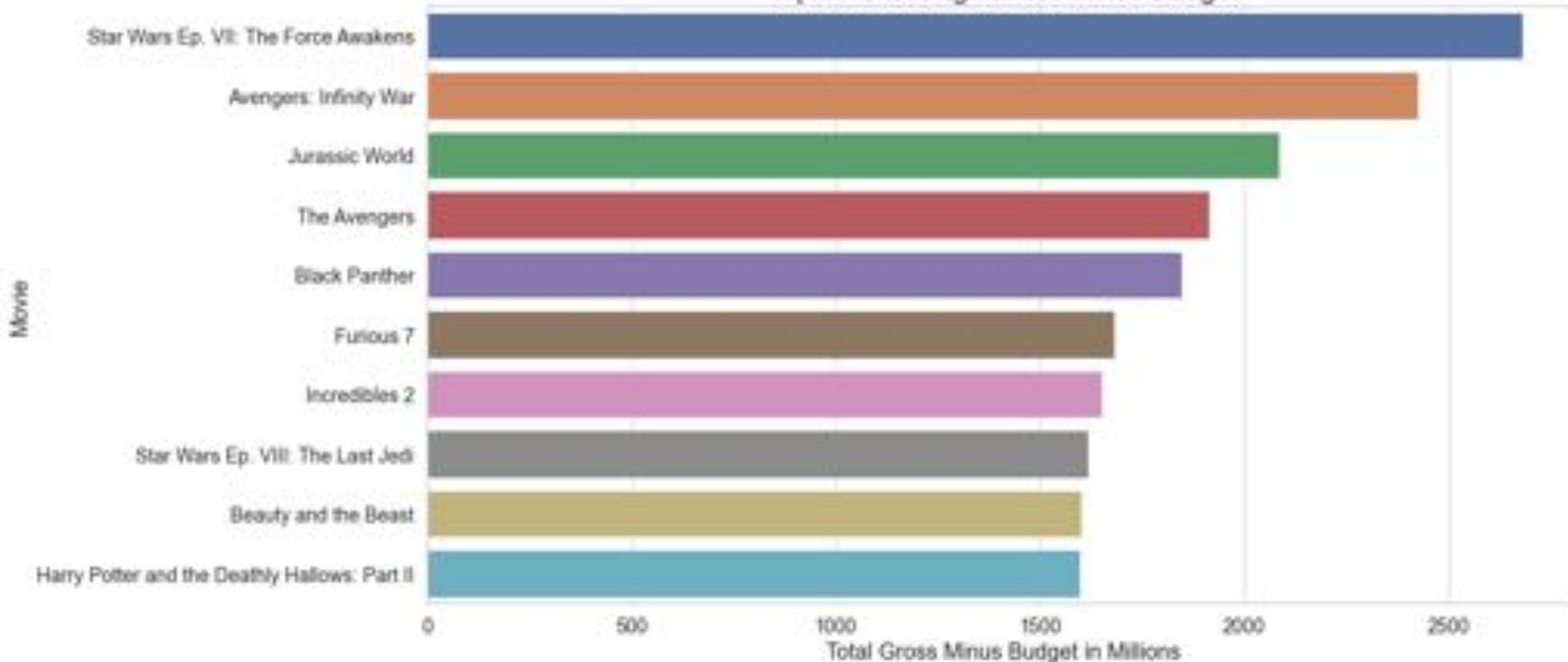
Top 10 Largest Production Budgets for Movies since 2010



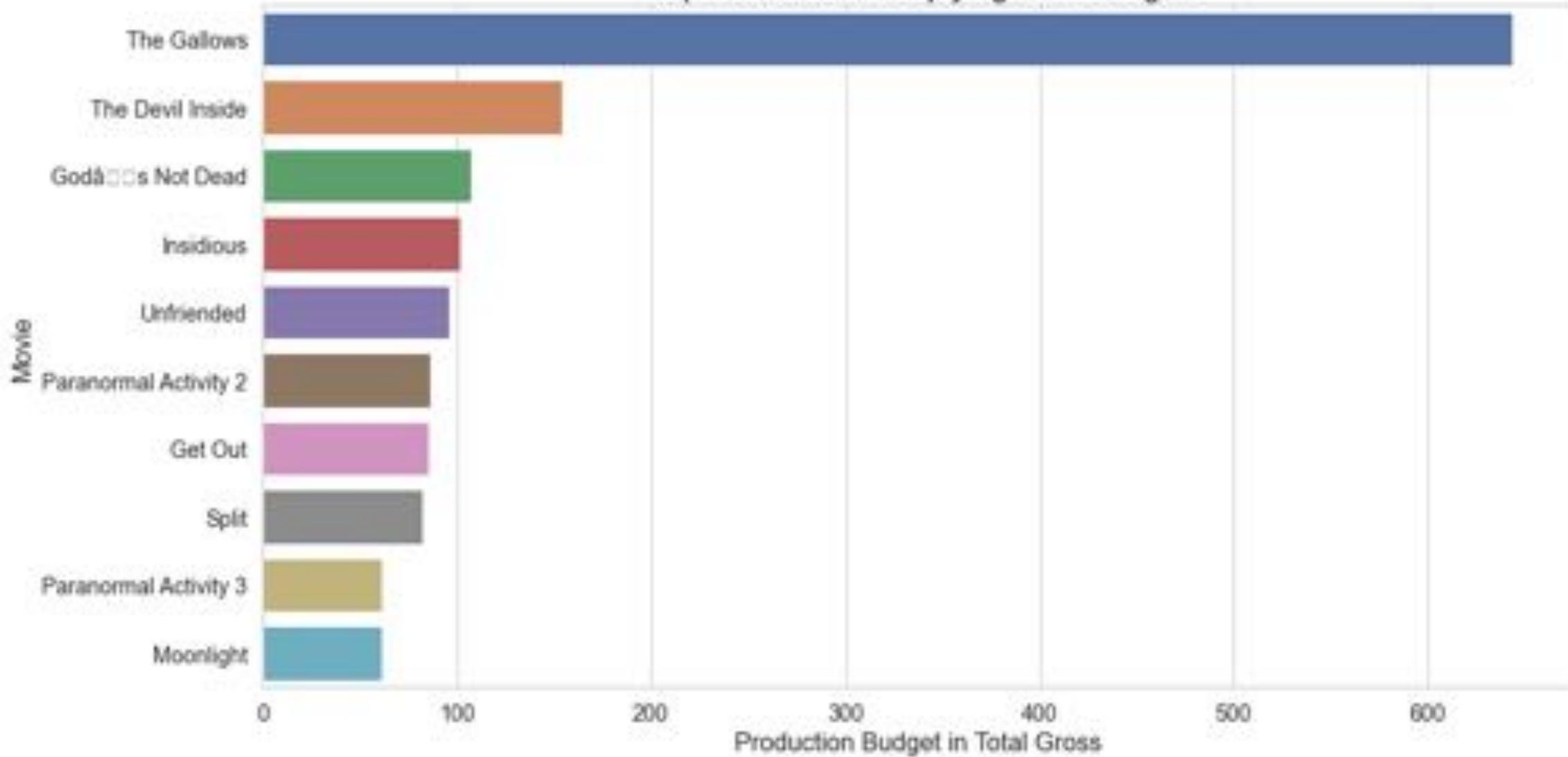
Top 10 Grossing Movies since 2010



Top 10 Grossing Movies Minus Budget



Top 10 Movies Multiplying their Budget



Recommendations

- ❖ The best studios to work with to make the most money are Buena Vista and Warner Brothers.
- ❖ The highest rated genres are usually mixed and include at least one of the following: Action, Comedy, Documentary, Family, and Musical.
- ❖ Movies with a production budget of \$250 million or more make the most in theatres.

Works Cited

IMDB: <https://www.imdb.com/interfaces/>

Rotten Tomatoes: <https://www.kaggle.com/ayushkalla1/rotten-tomatoes-movie-database>