

Flatiron School Data Science

Module 1 Final Project

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Microsoft Movie Studio

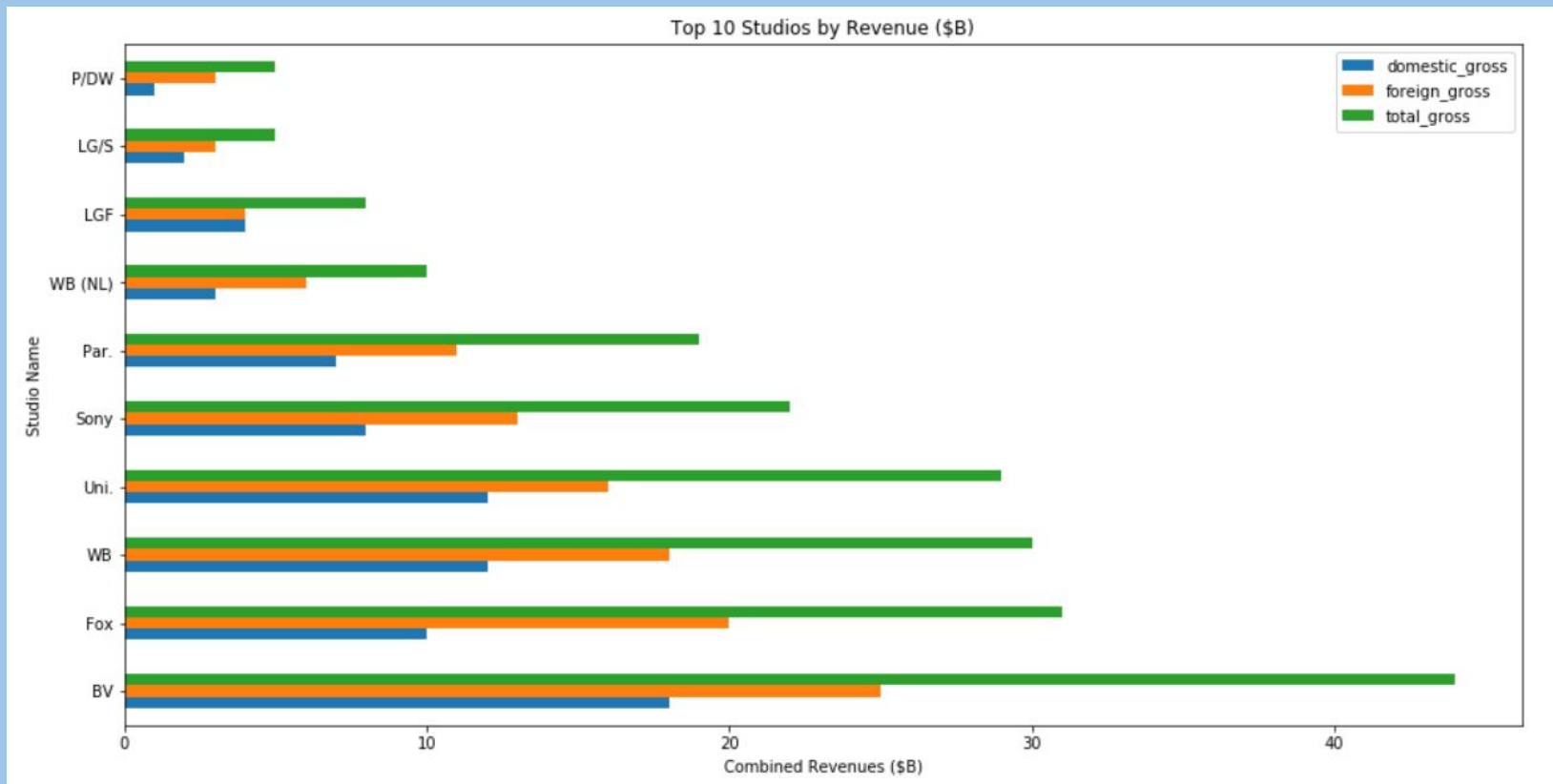
Questions:

1. What do successful movies have in common?
2. Do certain factors correlate with greater box office success domestically vs internationally?
3. What specific recommendations would we make based on what we learned?

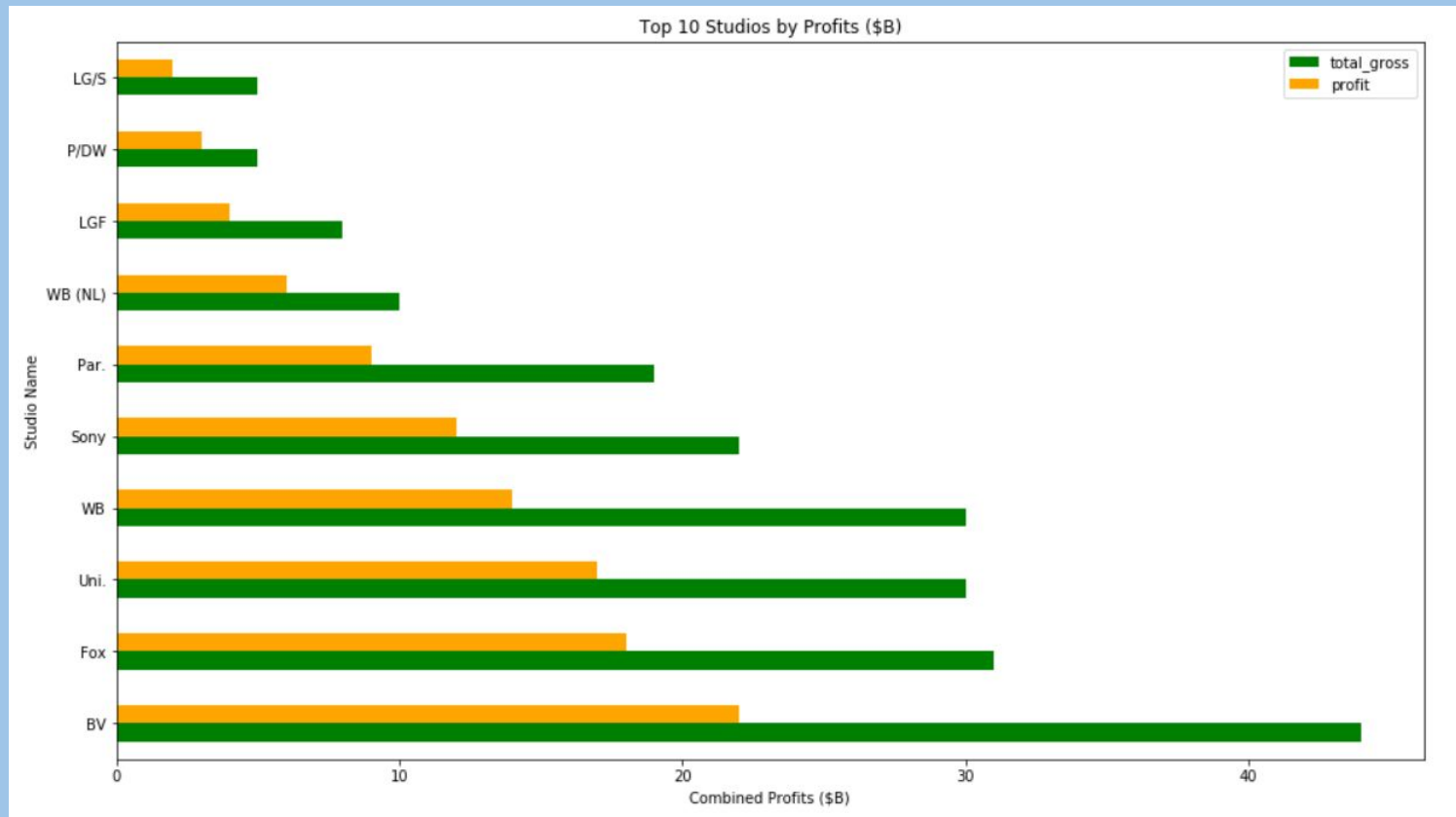
Deeper Questions

- What metrics define success in our dataset?
 - Revenues, Profits, Popularity, Ratings
- What genres are correlated with the most success?
- Which studios have the most success?
- Do writers/producers/actors also correlate with successful movies?
- What other factors should we look at?
 - Domestic vs international focus
 - Multiple languages, regions
 - Number of reviews

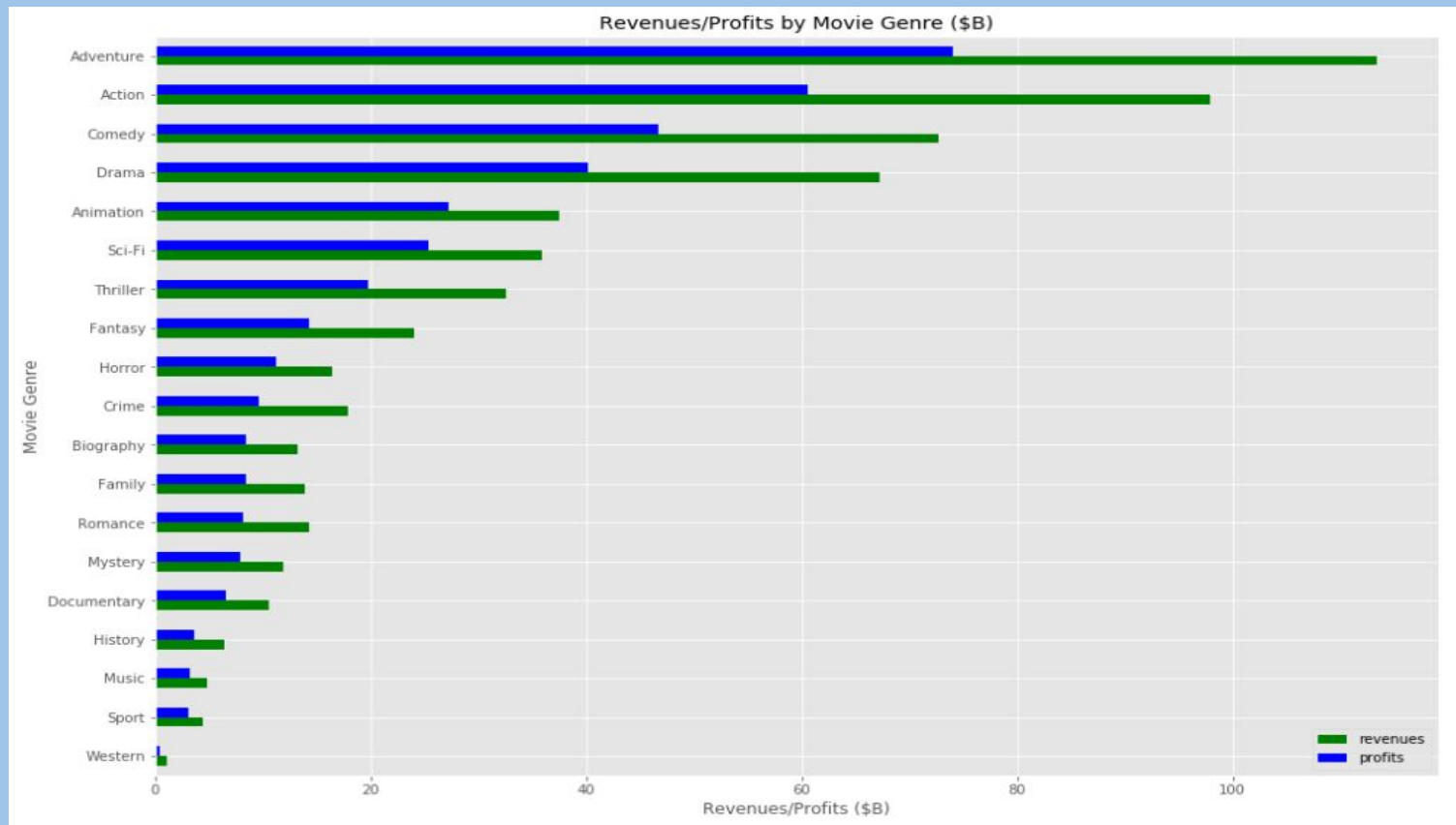
Top 10 Studios by Combined Revenue



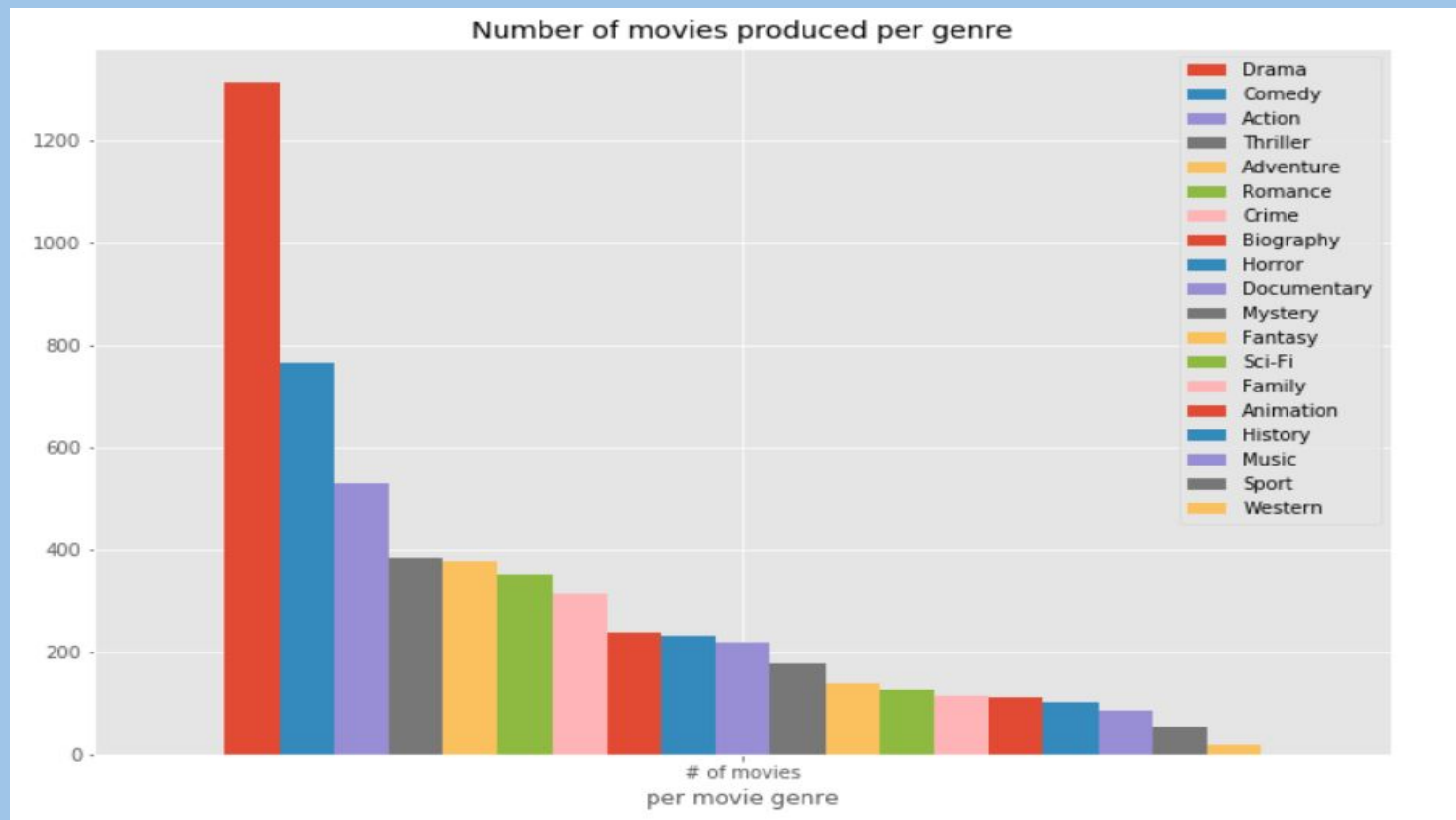
Top 10 Studios by Combined Profits



Revenues and Profits by Movie Genre



Number of movies produced per genre



Conclusions and Recommendations