

Win The Streaming Wars By Minimizing Production Risk

Data-backed content investment strategy for Microsoft.

AMA Productions | Data Science Division



Microsoft



AMA
PRODUCTIONS



Executive Summary

Descriptive analysis of films guides a de-risked content investment strategy

- Invest most of your budget in “blockbuster” films
- The “romance” genre is best insulated from the risk of bad reviews
- Pick directors with a record of high-quality blockbusters



Business Problem

Win The Streaming Wars With a De-Risked
Content Investment Strategy





Competing With Netflix Requires a Large Investment In Original Films

Original Content Budget



\$5 Billion (proposed budget)

Original Films

100 (proposed title production)



\$17 Billion (2021 budget)

153 (2021 original titles)



You're Entering a Risky Business

Failed Streaming Platforms



Quibi



PlayStation Vue

Original Film Failure Rate

37% (fail to return investment)



Win The Streaming Wars With a De-Risked Film Investment Strategy

Your competitors have vast content libraries, budgets, and experience.

You can't afford to miss on these key decisions

Budget

1

Genre

2

Director

3



Data & Methods





An Extensive Analysis of What Makes a Film Successful

This project uses descriptive analysis of thousands of films.

We analyzed many aspects of a film including; budget, box office return, genre, director, and reviews.

This provides a broad look at the aspects of a film that lead to it being successful for flopping.



+70K Films Used In Analysis

- Film budgets & box office returns
 - 5,781 films from 1915 to 2020
 - Sourced from [the-numbers.com](https://www.the-numbers.com)
- Film details & ratings
 - 73,856 films from 2012 to 2017
 - Sourced from IMDB
- Film directors
 - 47,775 directors
 - Sourced from IMDB

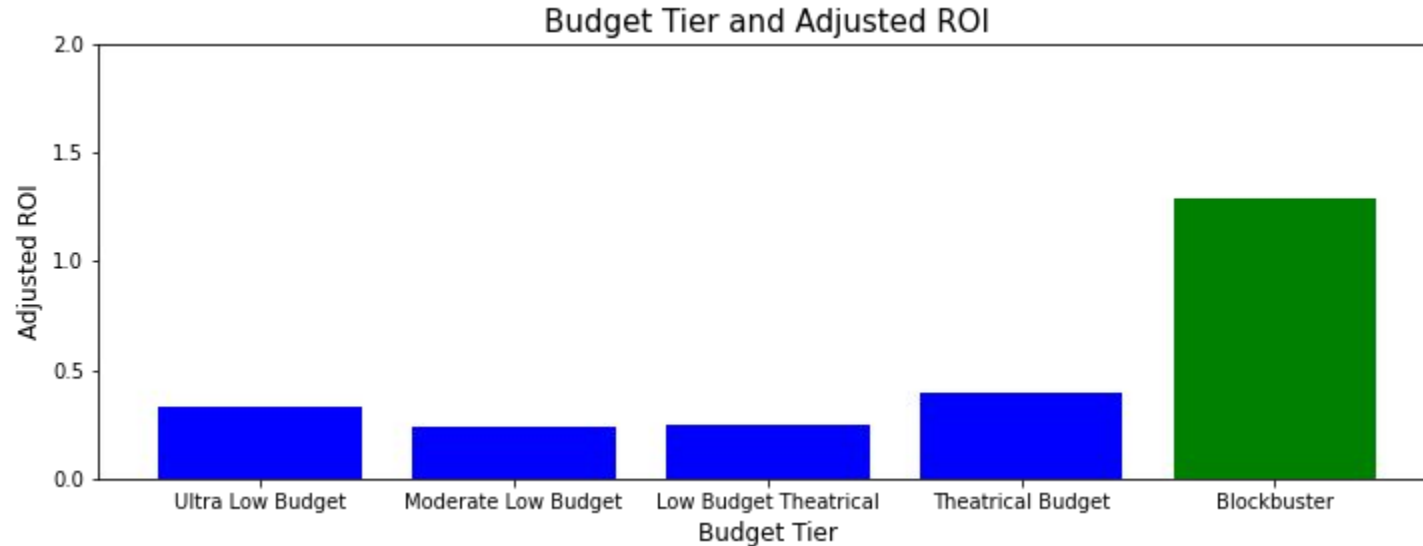




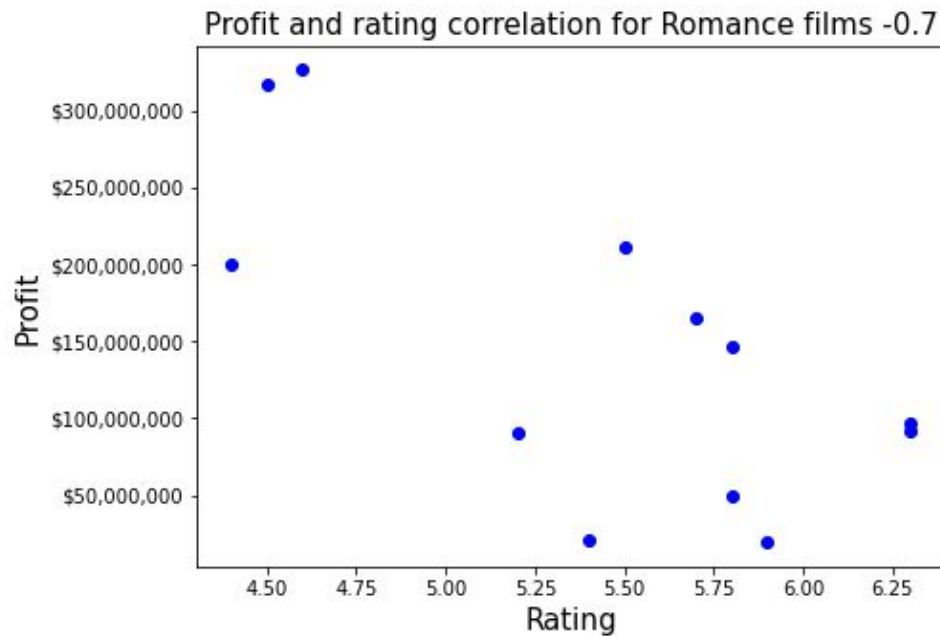
Proposals



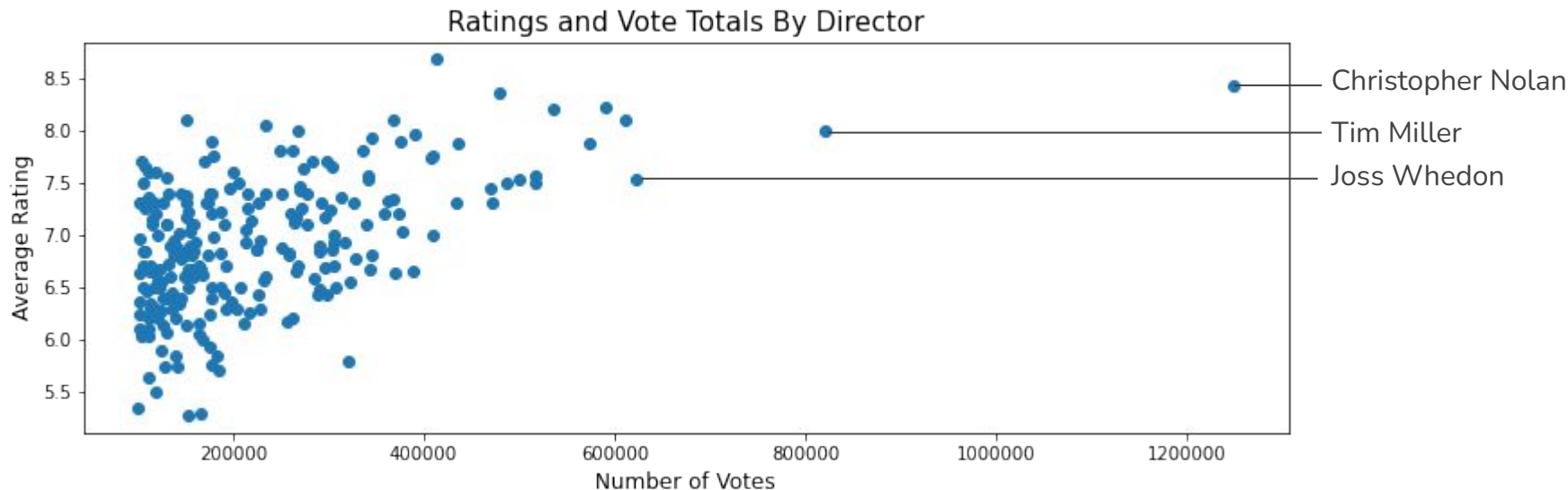
Blockbuster Films Produce The Highest Risk Adjusted Return On Investment (ROI)



Invest in Romance Genre Because Even Poorly Reviewed Films Return Profit



Pick Directors With a Record of High-quality Blockbusters





Follow These Guidelines To De-Risk Your Content Investment

- Invest in blockbusters because they produce de-risked ROI
- Invest in romance films because even the critical failures return a profit
- Select a director who creates high quality, “buzz” worthy content

Thank You

Any questions?



Next Steps

Further examine genre and director performance produce hiring priorities for each of our proposed budget tiers

Anton Smirnov

GitHub: @feelgd777

Mychal Dubyk

GitHub: @mychaldubyk

Alex FitzGerald

GitHub: @zander1268