

#### Overview

- This project examines film industry trends to identify successful genres.
- Data sources include Box Office Mojo, IMDB, Rotten Tomatoes, TheMovieDB, and The Numbers.
- Objective: Guide strategic decisions in film production, marketing, and distribution.



### **Business Problem**

- The film industry is competitive with evolving audience preferences.
- Aim: Identify profitable film genres to help a new movie studio allocate resources effectively.
- Outcome: Informed decisions on film production to maximize returns and audience engagement.



### Data Understanding





Datasets: Structured data from well-known film databases.

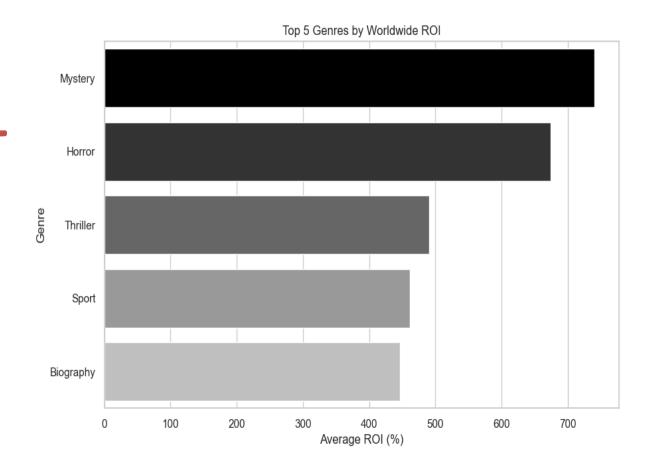
Details: Film genres, box office earnings, ratings, audience feedback.



Unique film tracking for precise performance analysis.

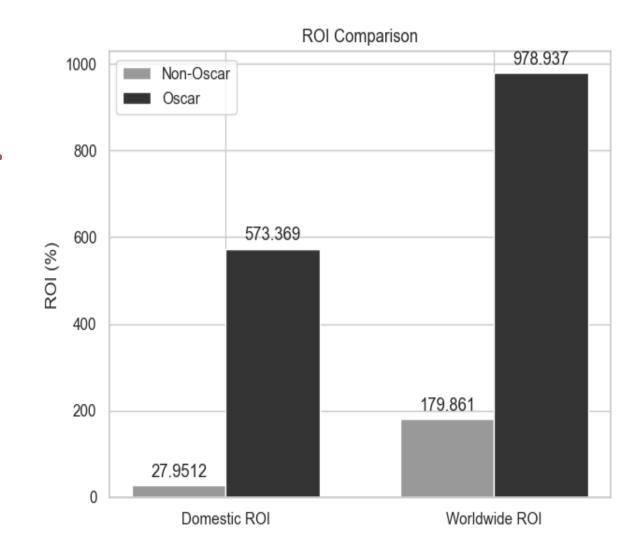
### Analysis 1: ROI for Highest Grossing Movies by Genre

- High ROI genres: Mystery, Horror.
- High grossing genres: Animation, Adventure.
- Insights: Low-cost genres yield high ROI, big-budget genres dominate gross earnings.



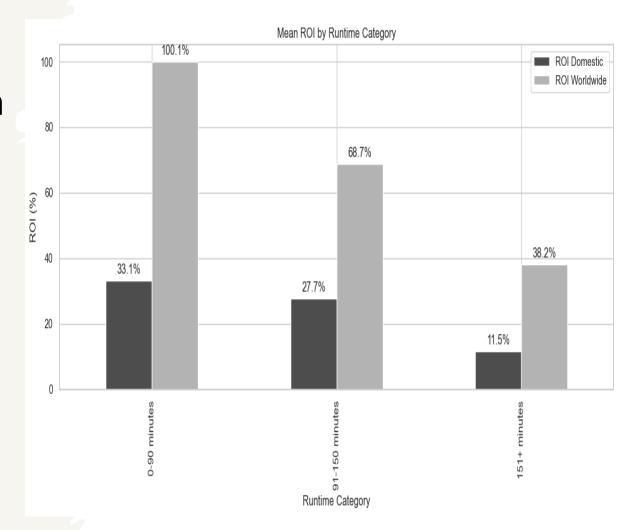
# Analysis 2: ROI for Highest Grossing Films by Directors

- Compared Oscarwinning directors to non-Oscar directors.
- Higher gross revenue and ROI for Oscar-winning directors.
- Significant commercial and critical success for directors like Spielberg and Coppola.



## Analysis 3: ROI Based on Runtime Length

- Examined film runtimes and their impact on ROI.
- Short films (0-90 minutes): Highest ROI.
- Mid-length films (91-150 minutes): Good worldwide performance.
- Long films (151+ minutes): Strong international but mixed domestic results.



## Comprehensive Stakeholder Solutions

Genre-Specific Strategies:

- Invest in low-cost, high-ROI genres like Mystery and Horror. - Continue highbudget genres for global appeal.

**Director Focus:** 

- Prioritize quality for awards.

- Nurture new talent.

**Runtime Focus:** 

- Short films for highest ROI.

 Mid-length films for balanced investment and global appeal.

### Conclusion



Data-driven insights can guide strategic decisions in the film industry.



Focus on profitable genres, top directors, and optimal runtimes to maximize success.



Implementation of these strategies can help a new film studio thrive in a competitive market.