

# WHAT MAKES MOVIES PROFITABLE?

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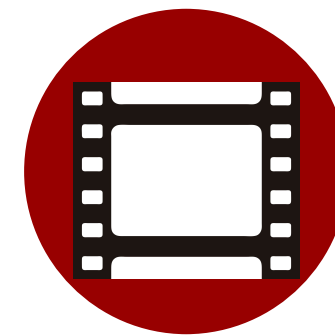




RATINGS



GENRES

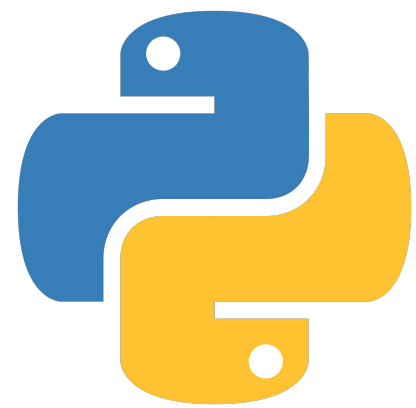


CAST/CREW

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# PROGRAMS USED TO ANALYZE DATA

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# THE NUMBERS

## 1. Average Production Budget

\$ 34,033,480.05

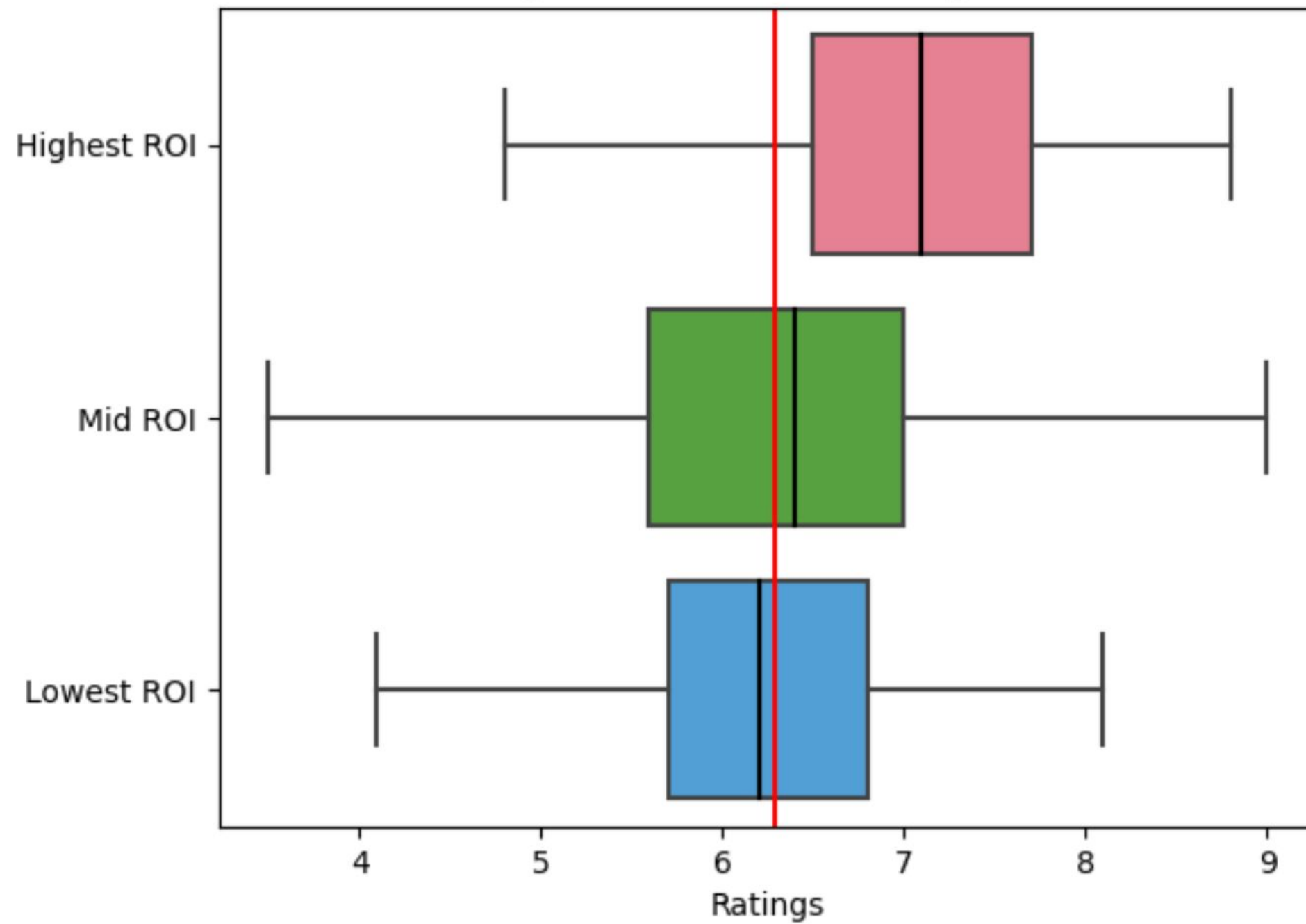
## 2. Average ROI

\$ 112,985,491.90

## 3. Average Rating

6.35

Rating Distribution According to ROIs

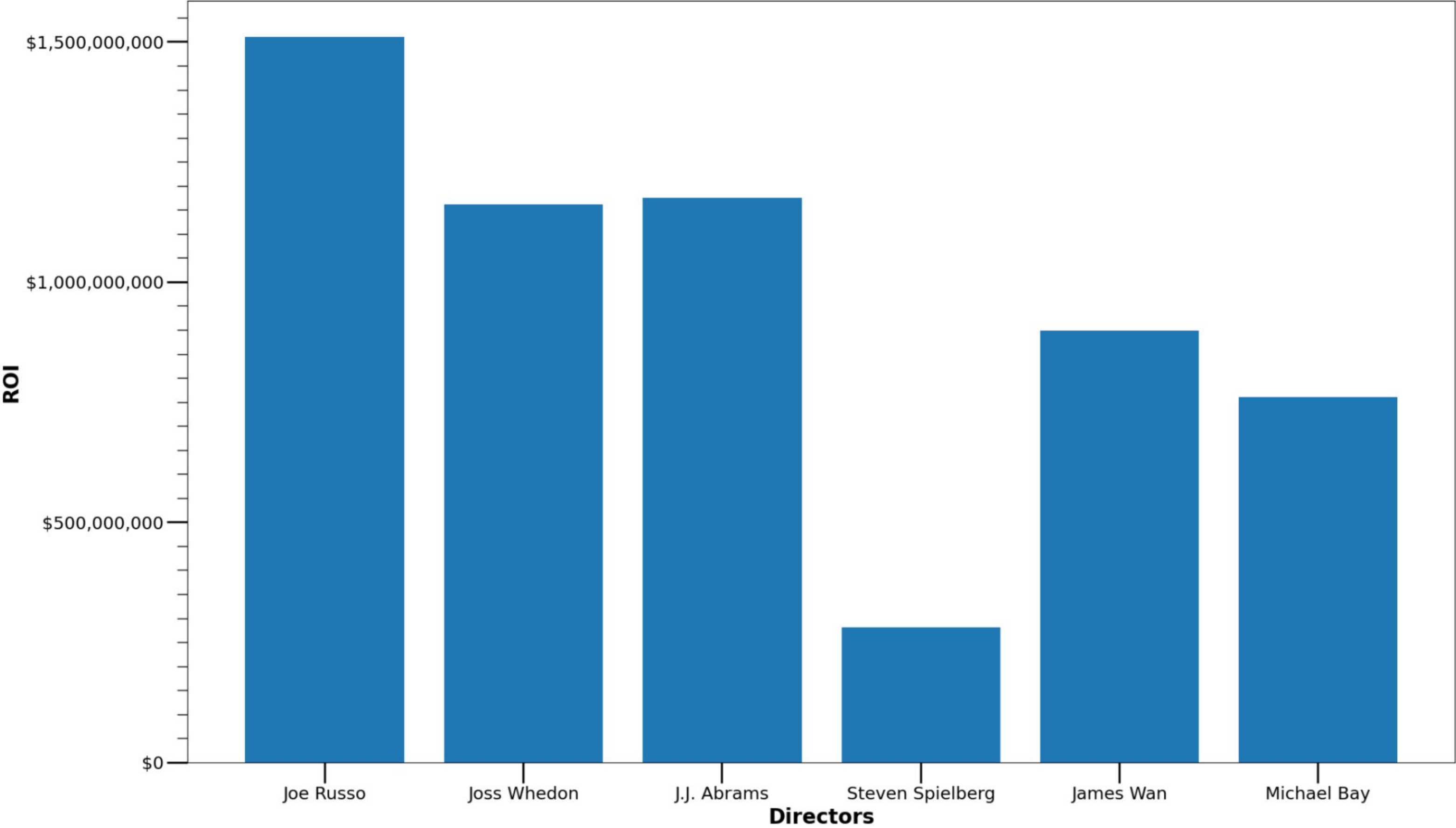


DO RATINGS  
MATTER?

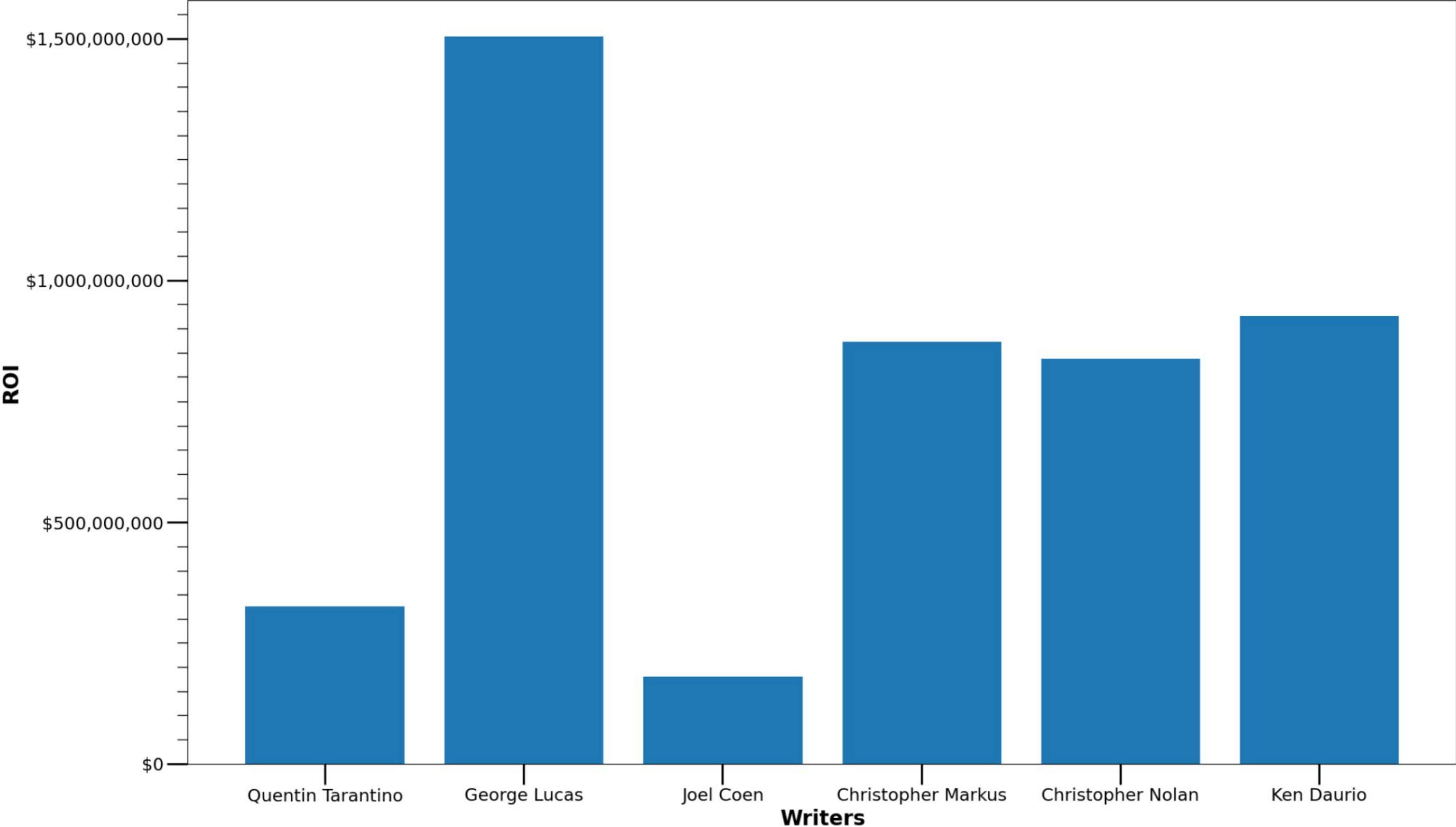


## CAST & CREW

Comparing Profits of Select Directors

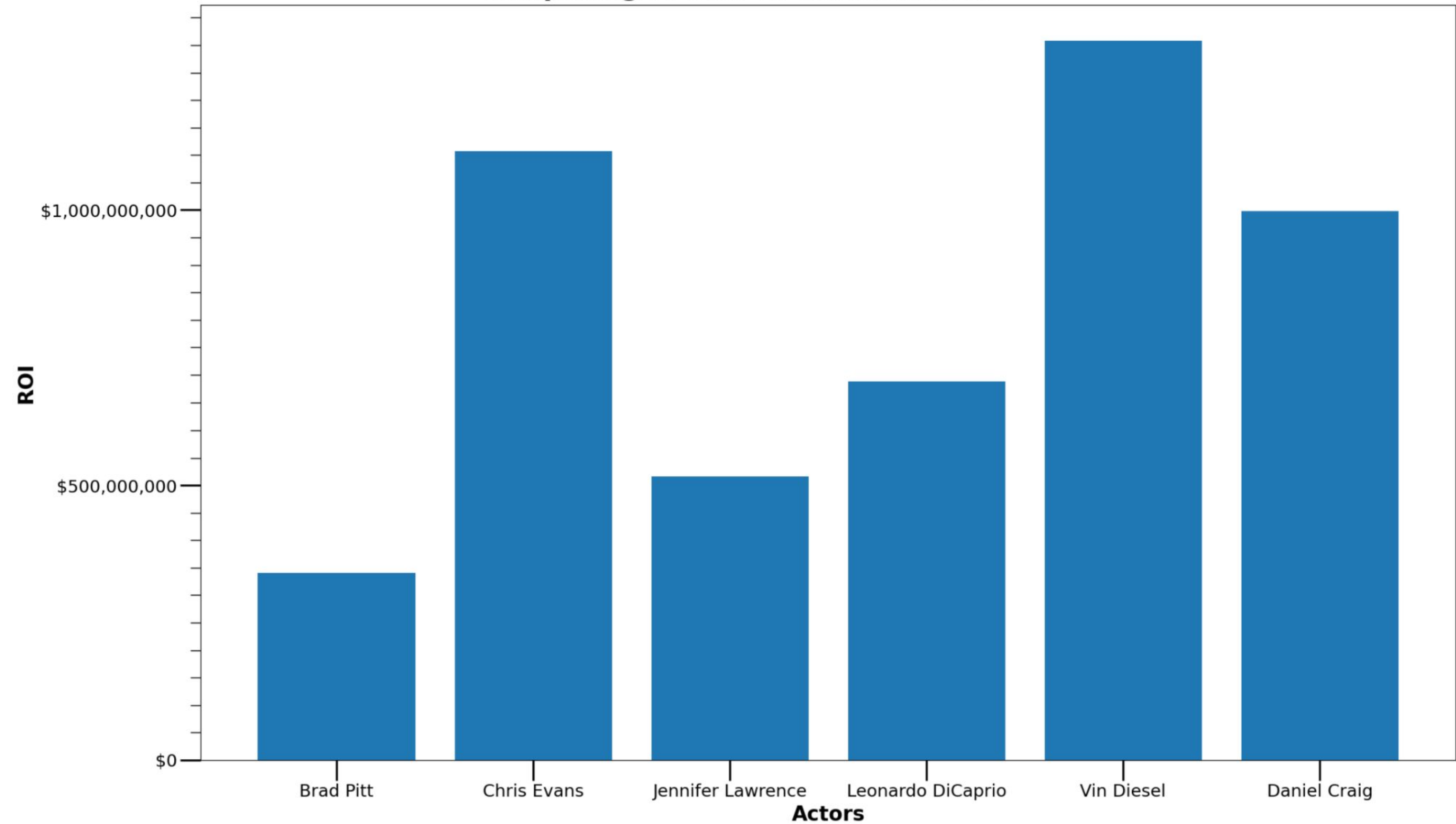


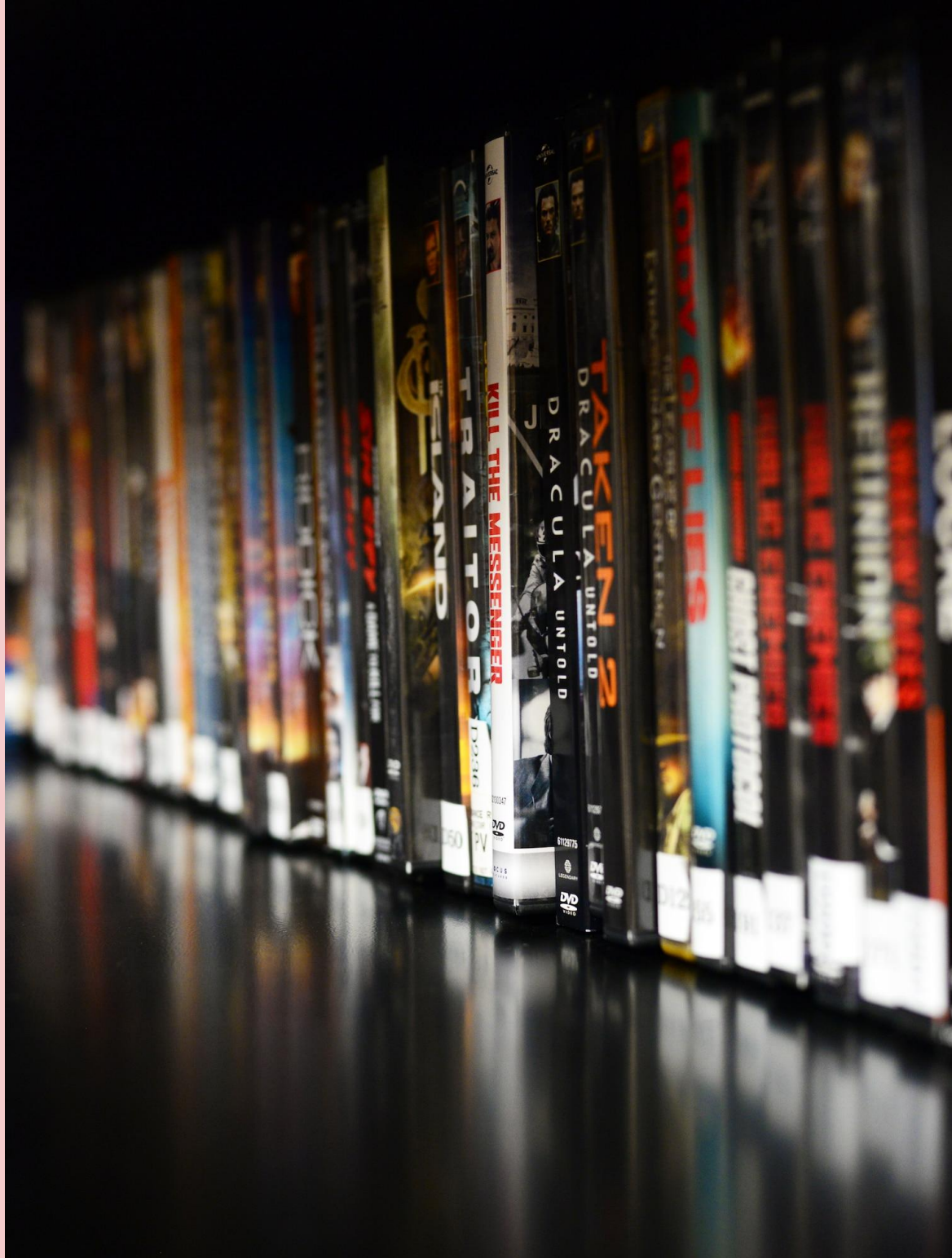
Comparing Profits of Select Writers





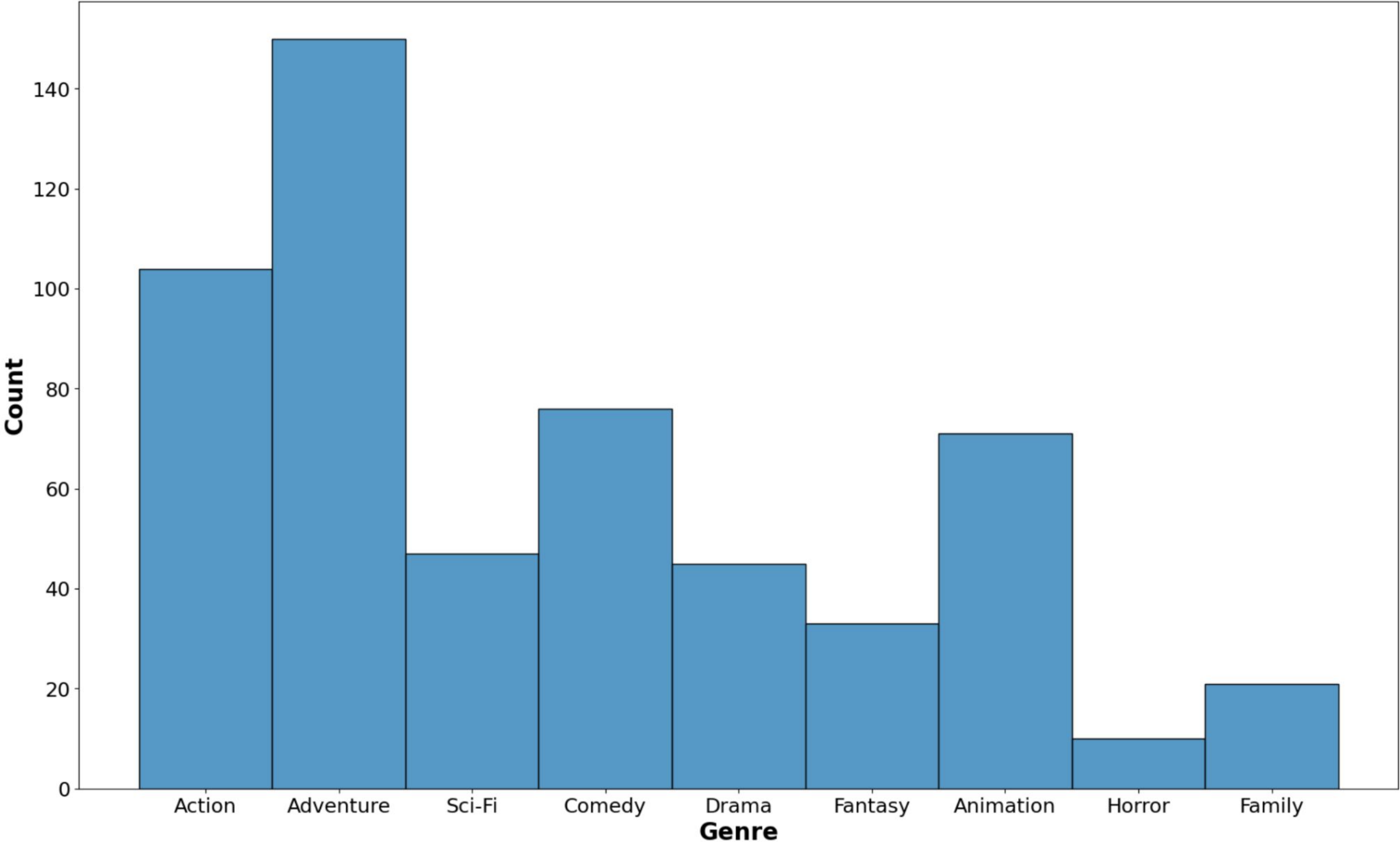
Comparing Profits of Select Actors



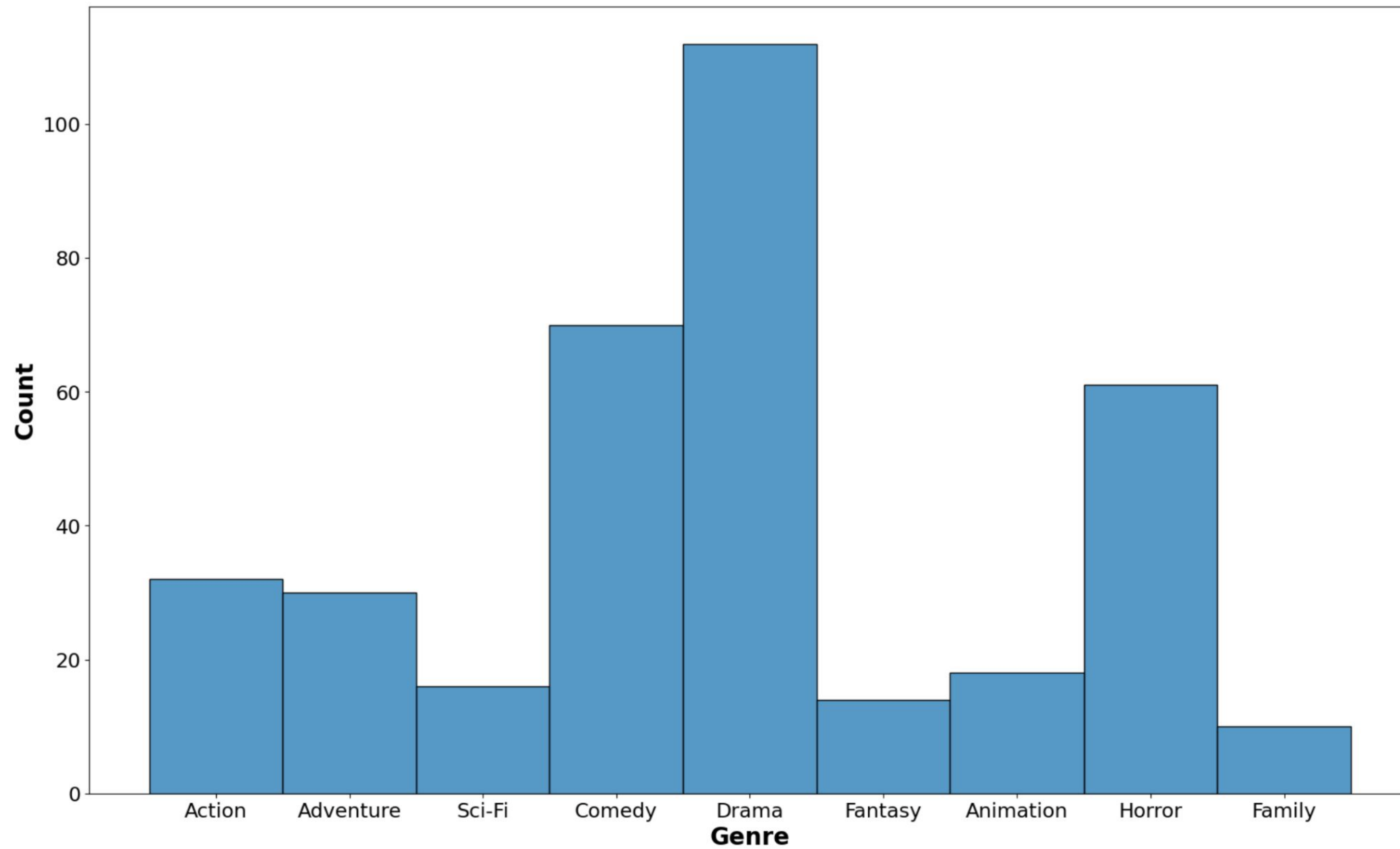


# GENRES

# Genres of the Highest ROI Movies

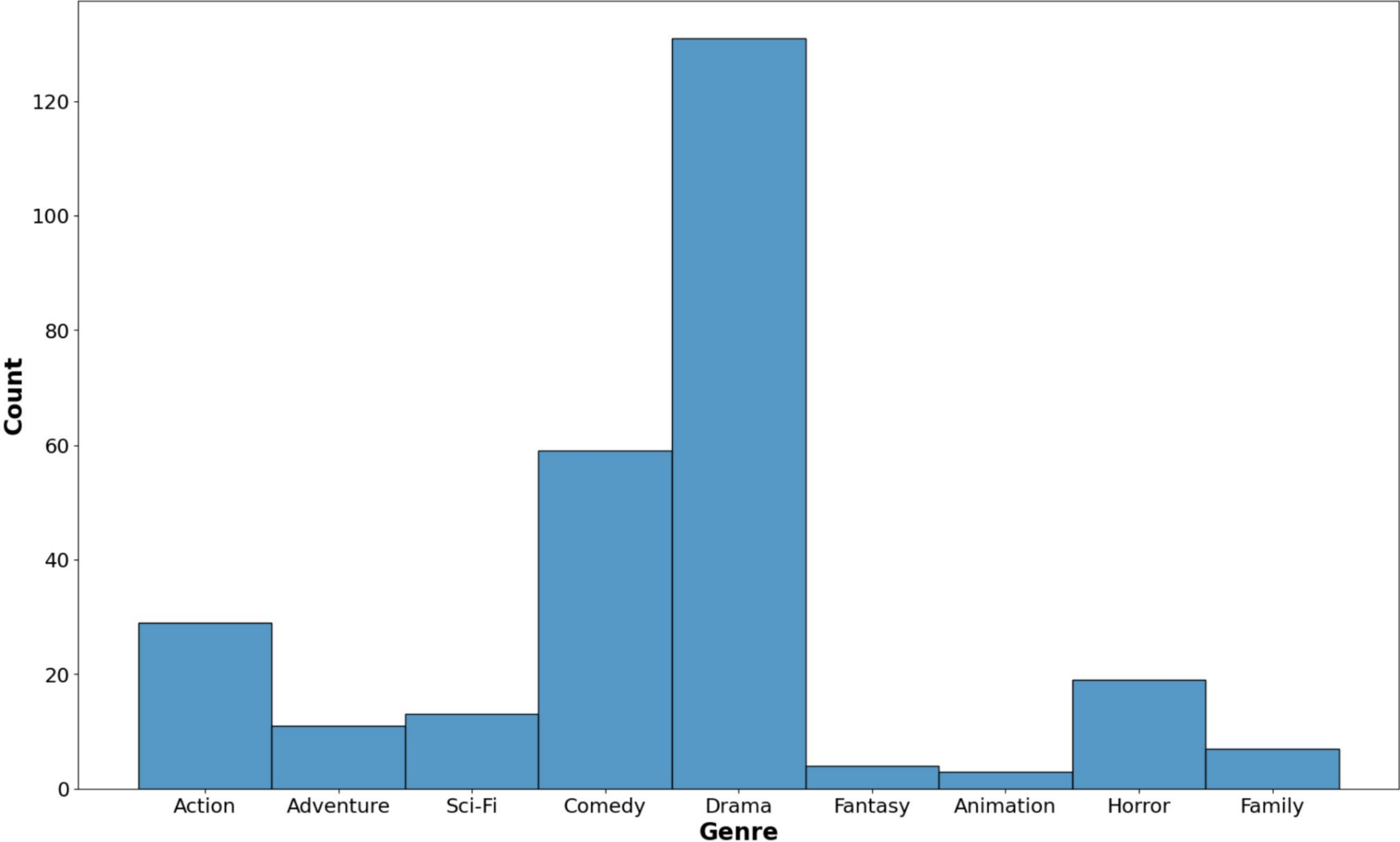


## Genres of Movies that had the Highest Percent Change





**Genres of Movies that had the Lowest Percent Change**



Averages of the Top Grossing Films

Average production budget:  
\$139,244,090.91

Average ROI:  
\$842,331,776.57

Average Percent Change:  
956.14 %

Average rating:  
6.98

Averages of Films with High Percent Change

Average production budget:  
\$16,030,030.23

Average ROI:  
\$270,475,655.32

Average Percent Change:  
3333.98%

Average rating:  
6.52

# IMPROVEMENTS THAT CAN BE MADE & FURTHER DEVELOPMENTS

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- Problems faced while working on the project
  - Some data were missing
  - Some data contained typos
  - Films that only appear on streaming services (i.e. Netflix)
- Further developments
  - Comparing data more efficiently
  - A bigger database (i.e. IMDB)

THANKS FOR  
WATCHING

Link

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