



# **Module 1 – Movie Project**

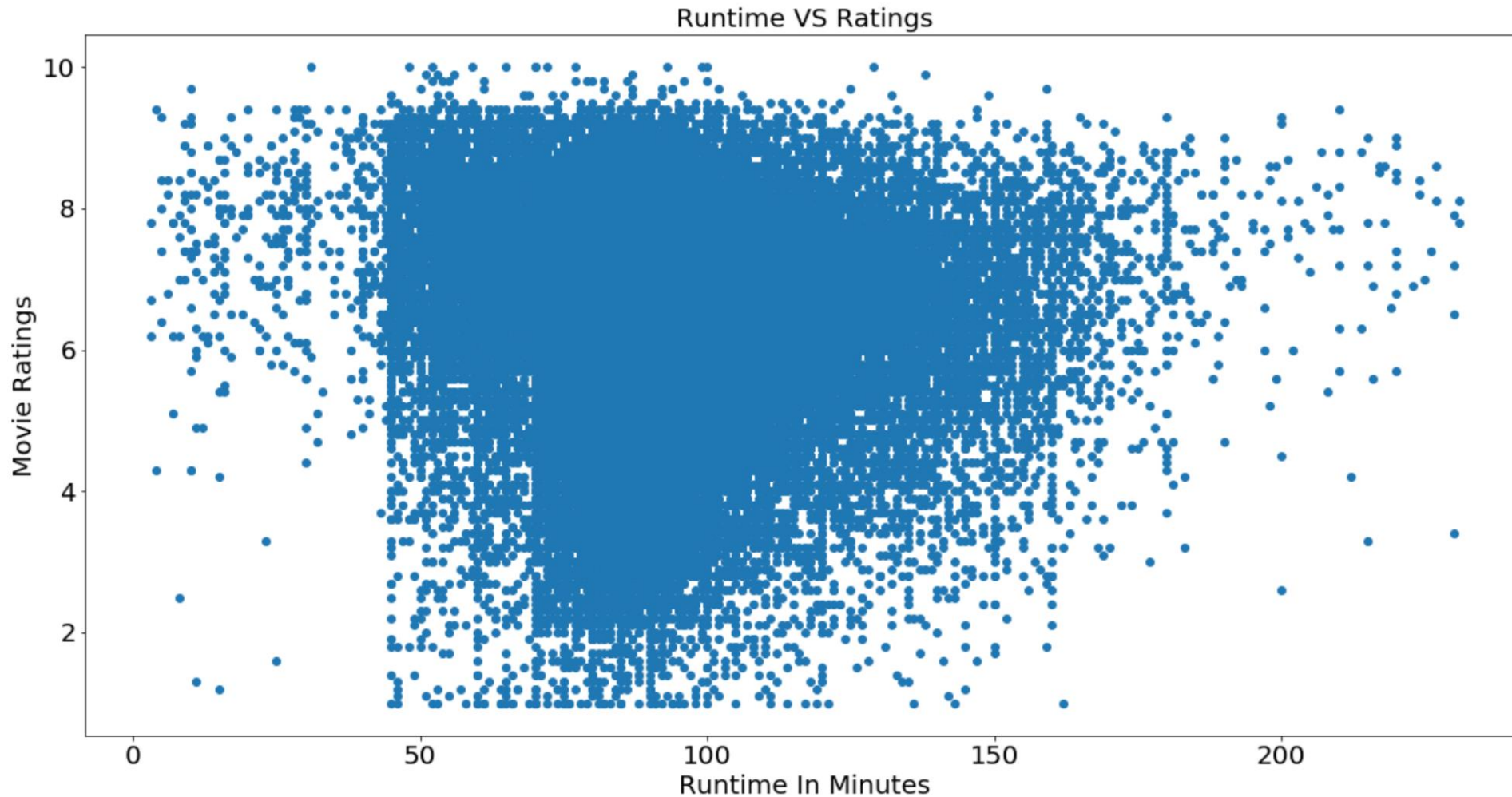
Andy Peng



# Overview

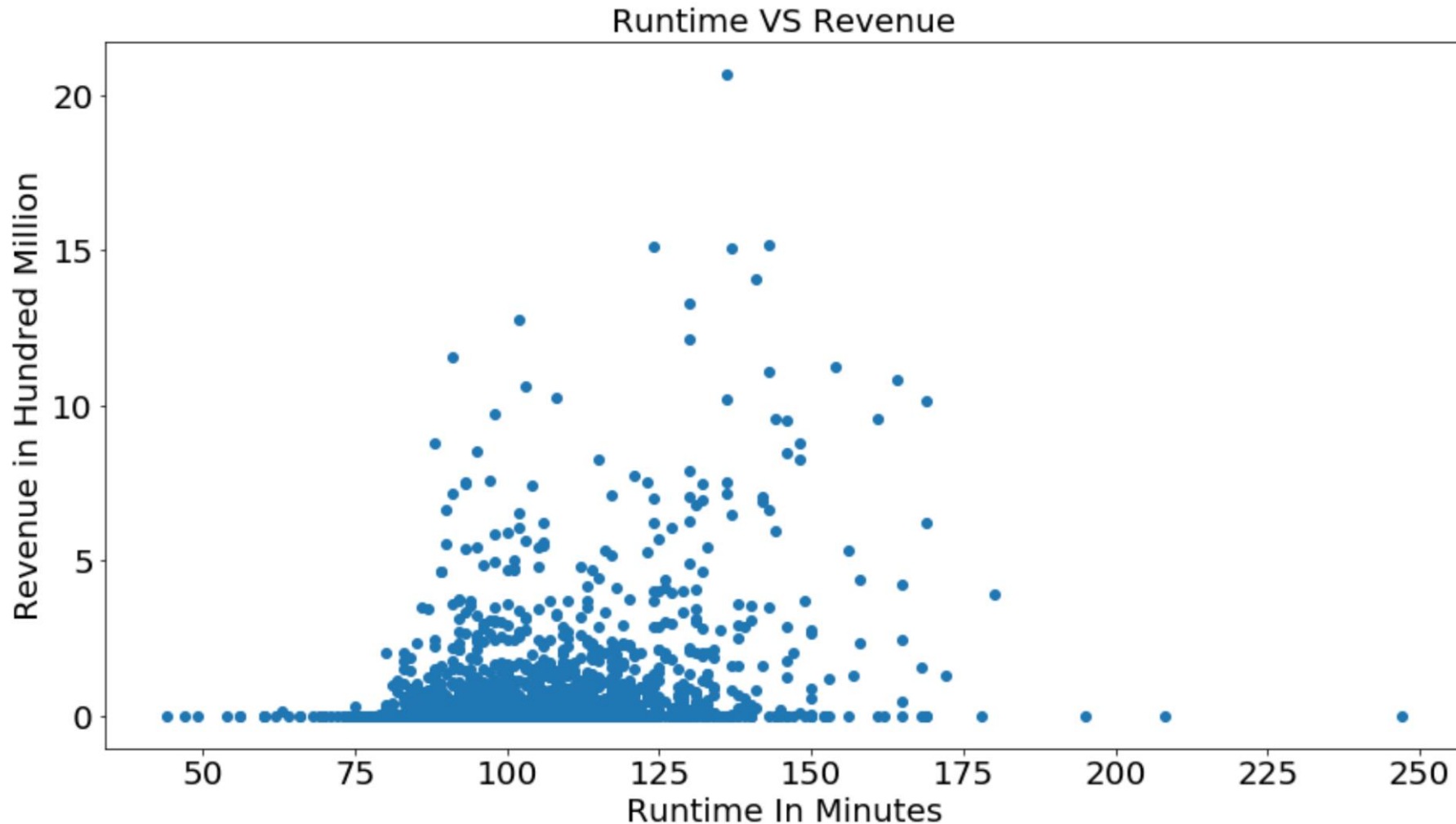
- Relationship to ratings and revenues
  - Genres
  - Directors
  - Runtime

# Does runtime effect movie ratings?



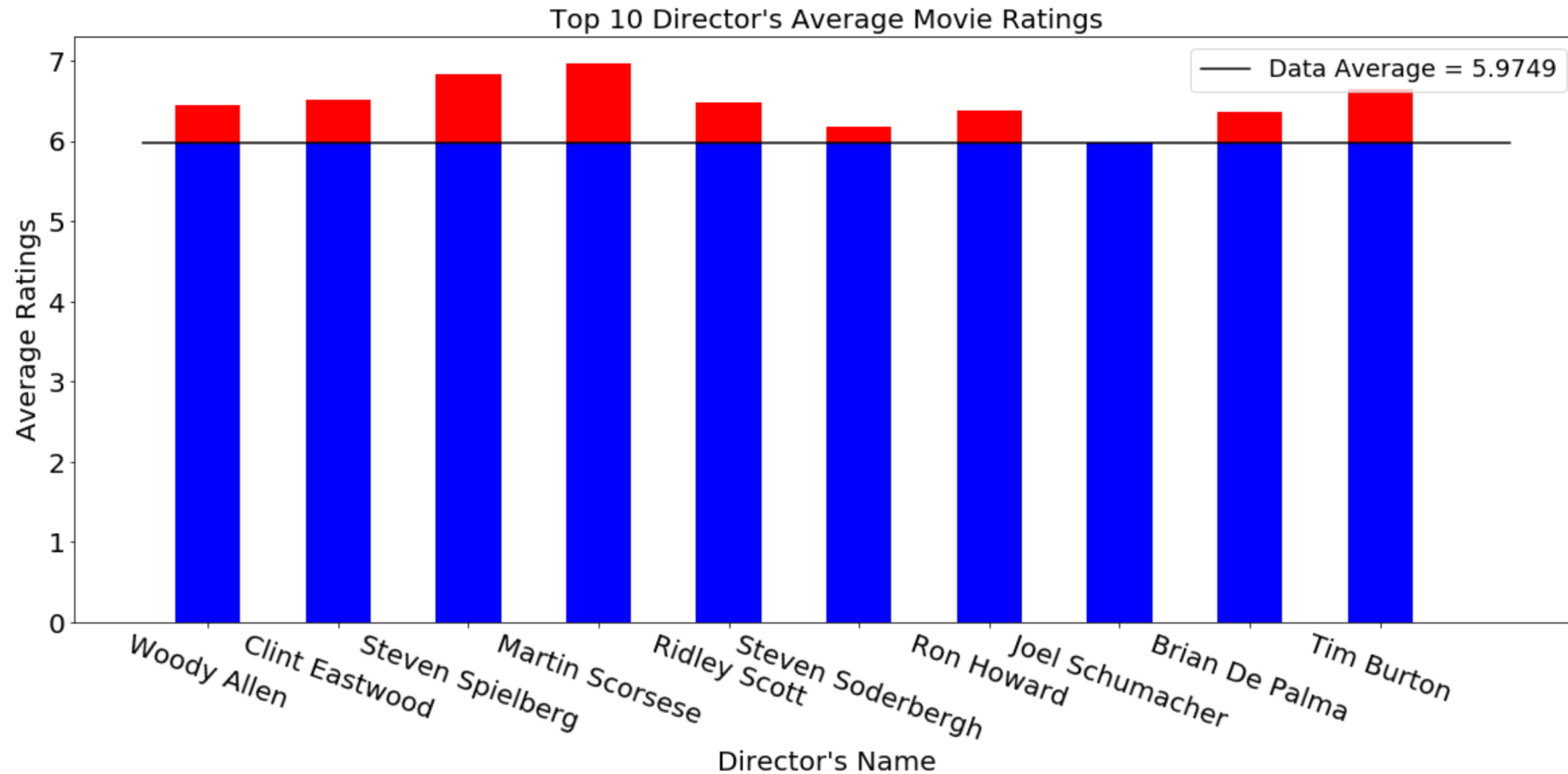
- Correlation =  
- 0.04842749

# Does runtime effect movie revenues?

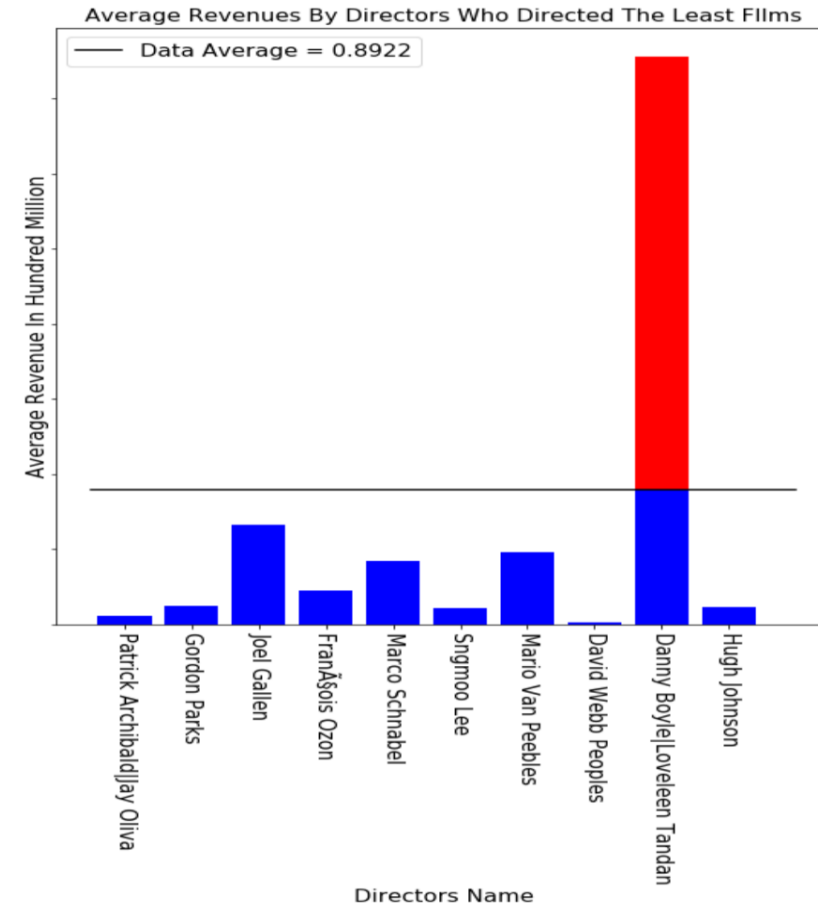
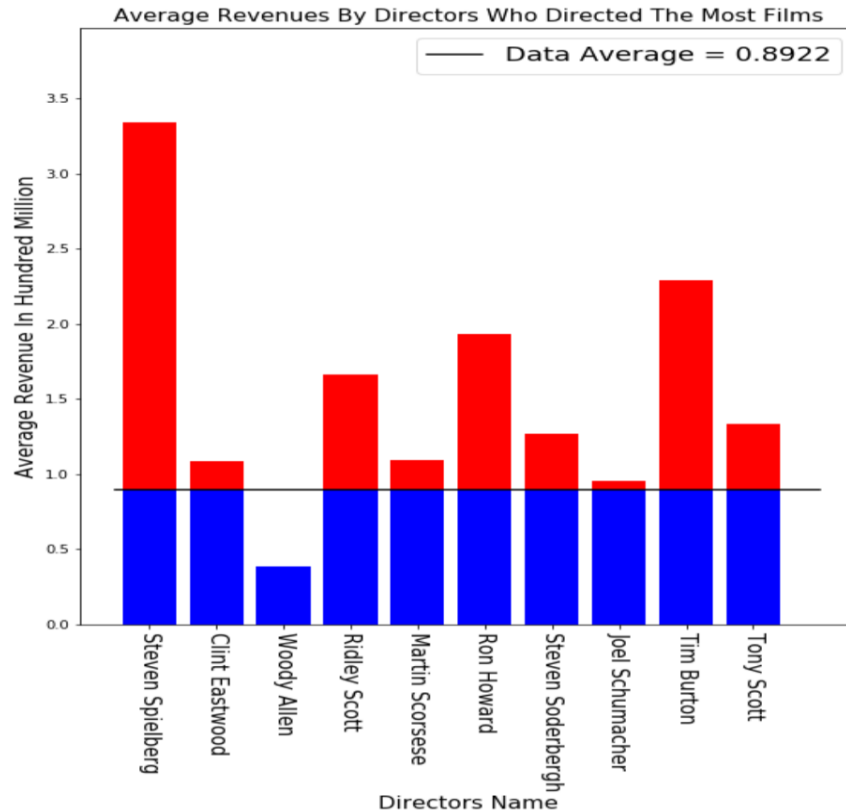


- Correlation = 0.31924

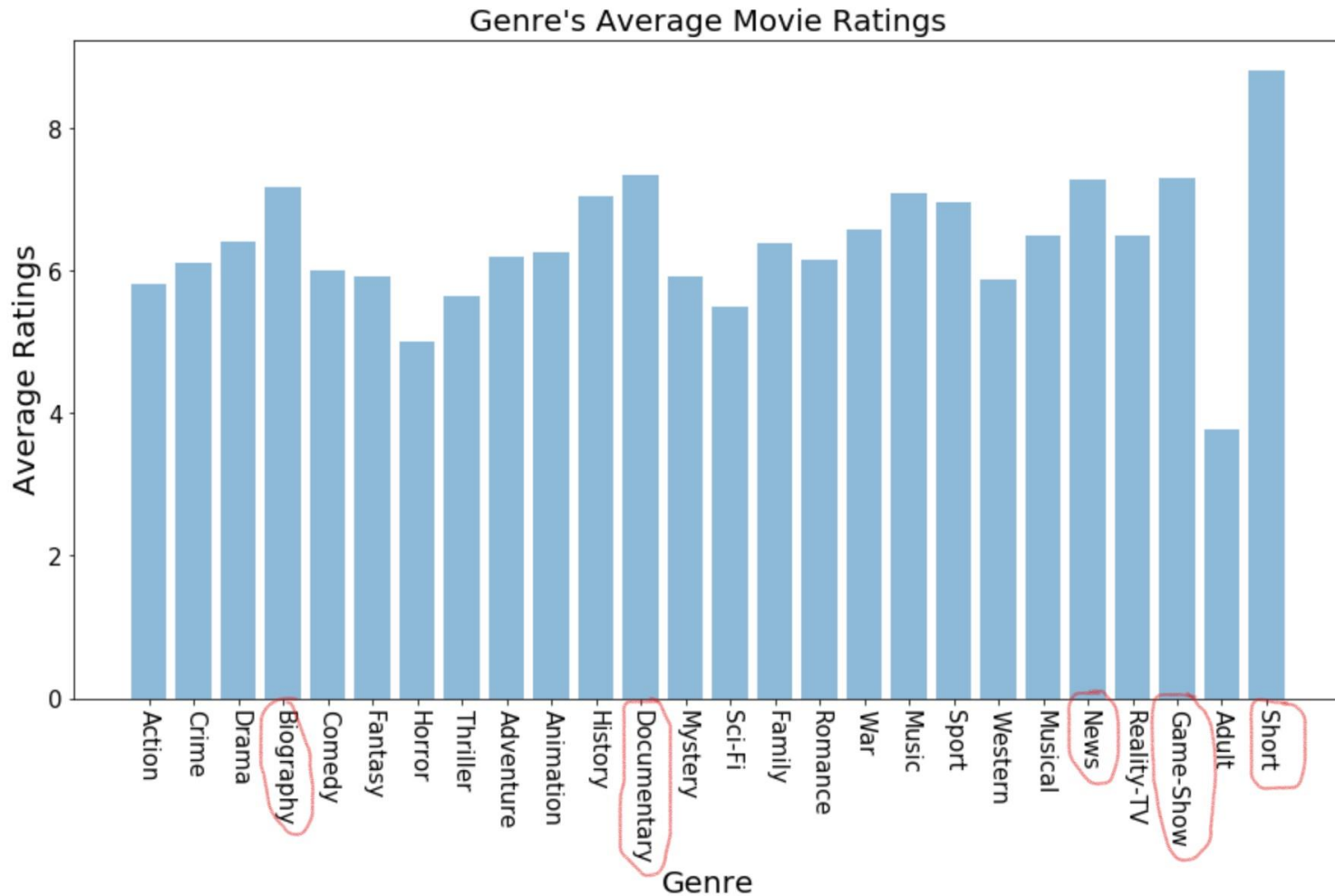
# Does directors effect movie ratings?



# Does directors effect movie revenues?

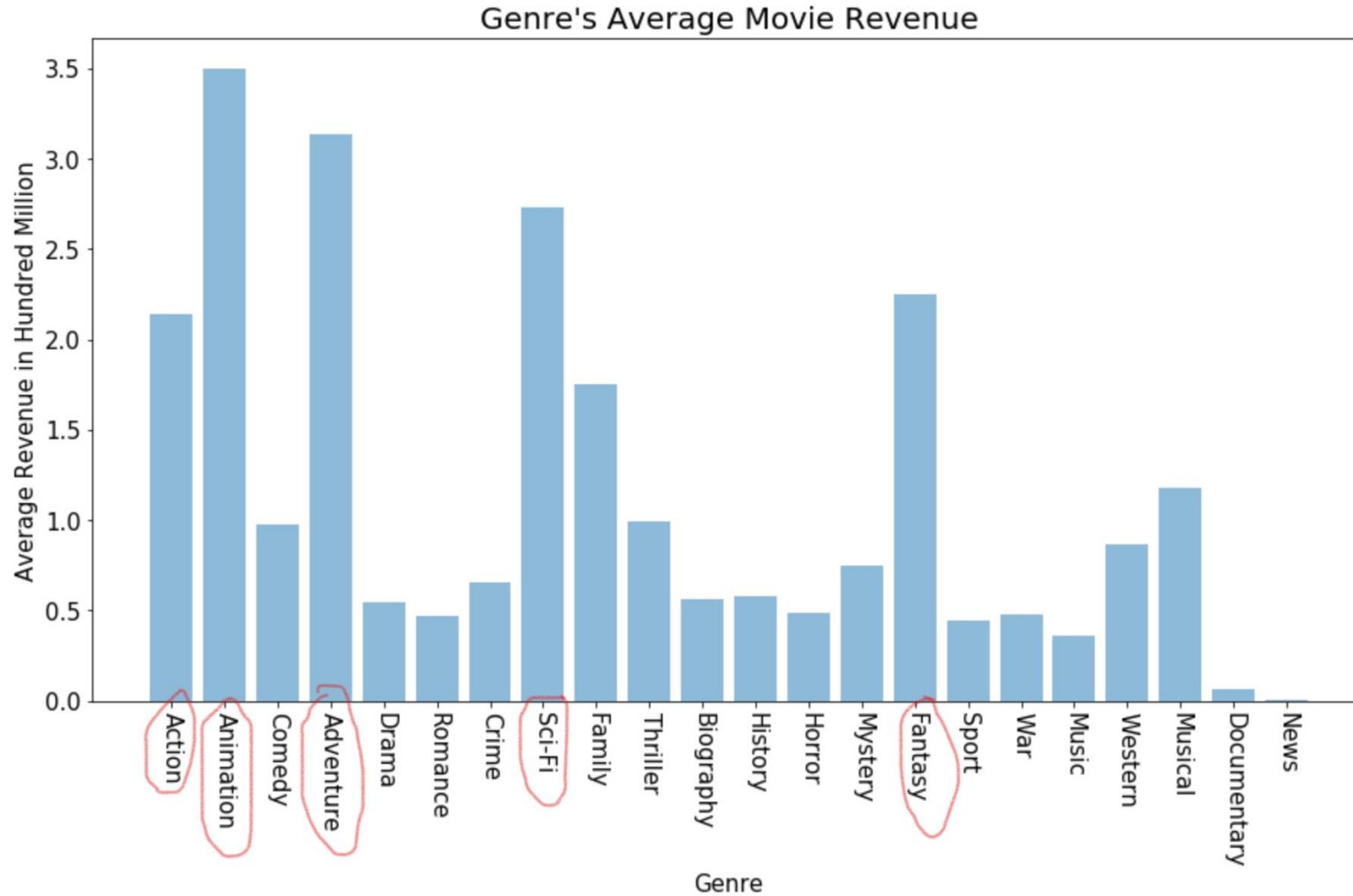


# Do genres effect movie ratings?



- Short films
- Documentary
- Game shows
- News
- Biography

# Do genres effect movie revenues?



- Animation
- Adventure
- Sci – FI
- Fantasy
- Action



# Recommendations

- Hiring popular directors = Higher average revenue and ratings for movies
- Genres -
  - Animation, adventure, sci-fi, fantasy and action genres = higher revenue
  - Short films, documentary, game shows, news genres = higher ratings

# Next Steps

## Features to Explore

- Time the movie is released
- Movie budget
- Actors
- Domestic vs international



Thank You