Module 1 – Movie Project
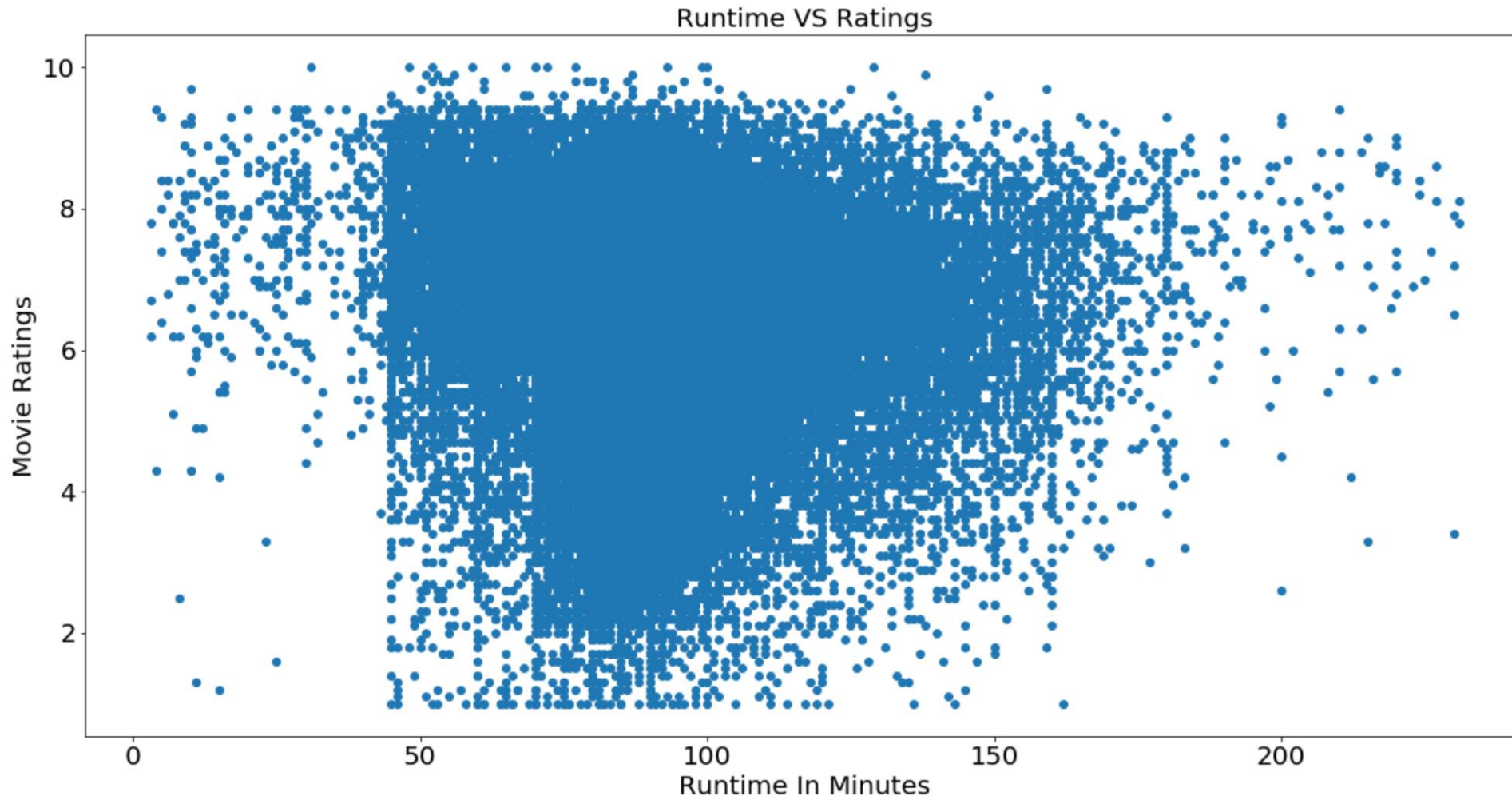
Andy Peng

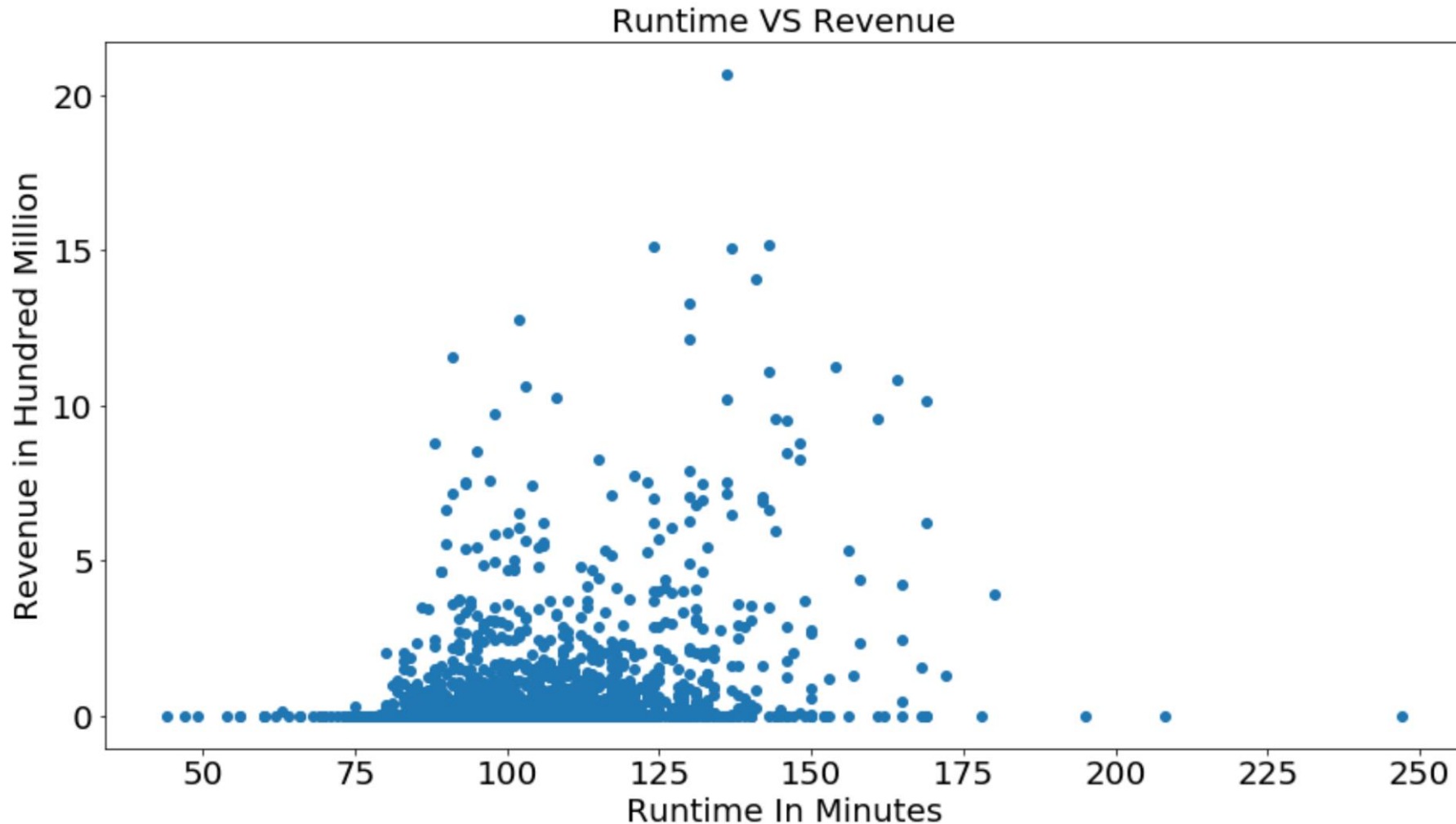# Overview

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

Does runtime effect movie ratings?
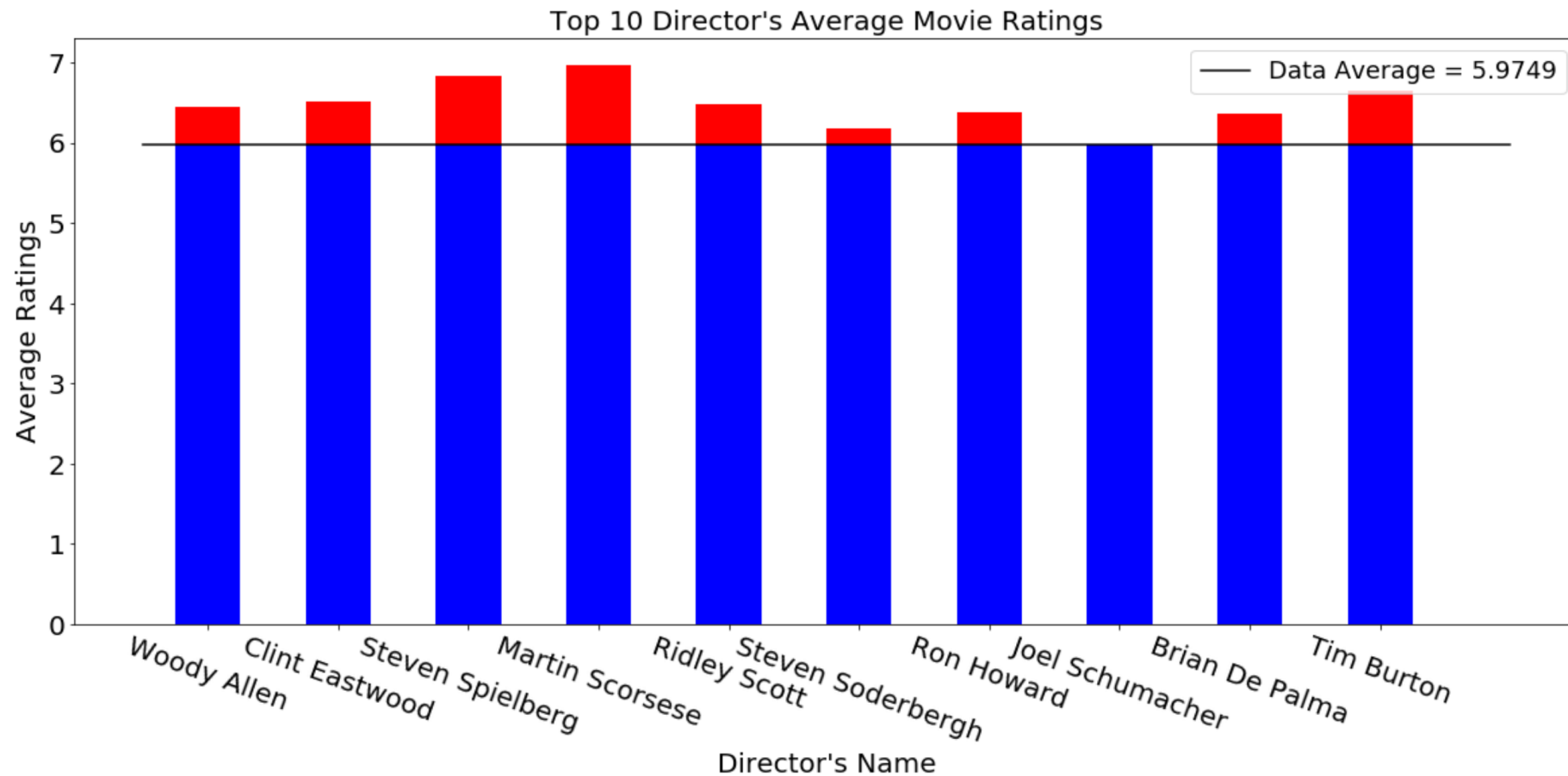

Runtime VS Ratings

- Corrleation = - 0.04842749

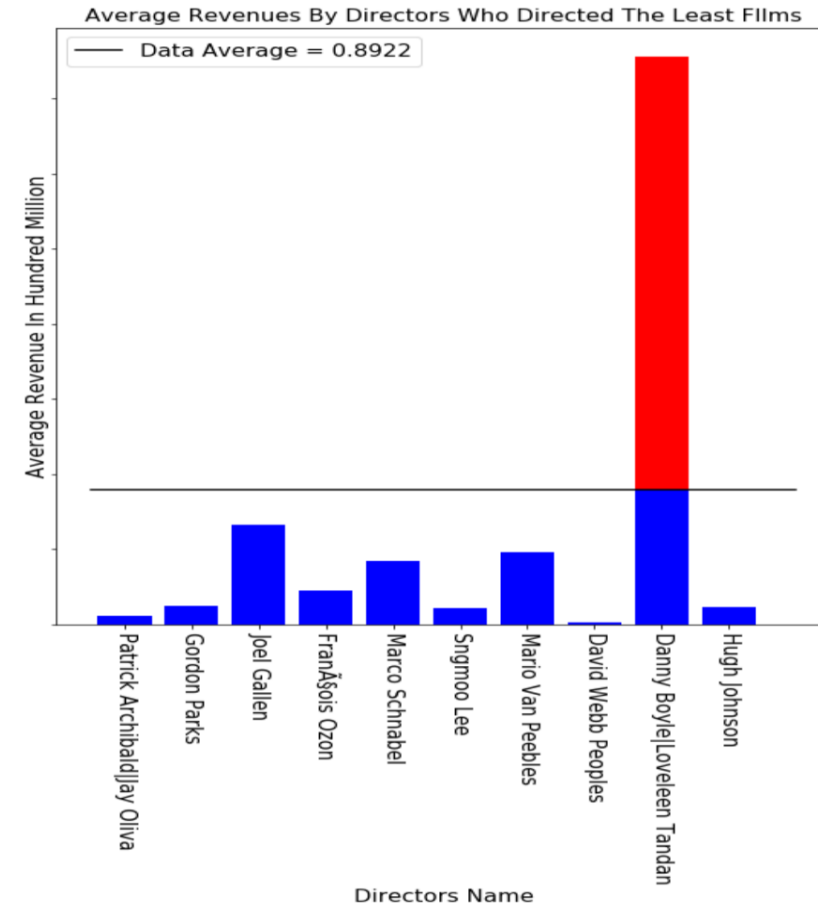# Does runtime effect movie revenues?

Runtime VS Revenue

- Correlation = 0.31924

Does directors effect movie ratings?

Top 10 Director's Average Movie Ratings

Does directors effect movie revenues?

Average Revenues By Directors Who Directed The Most Films
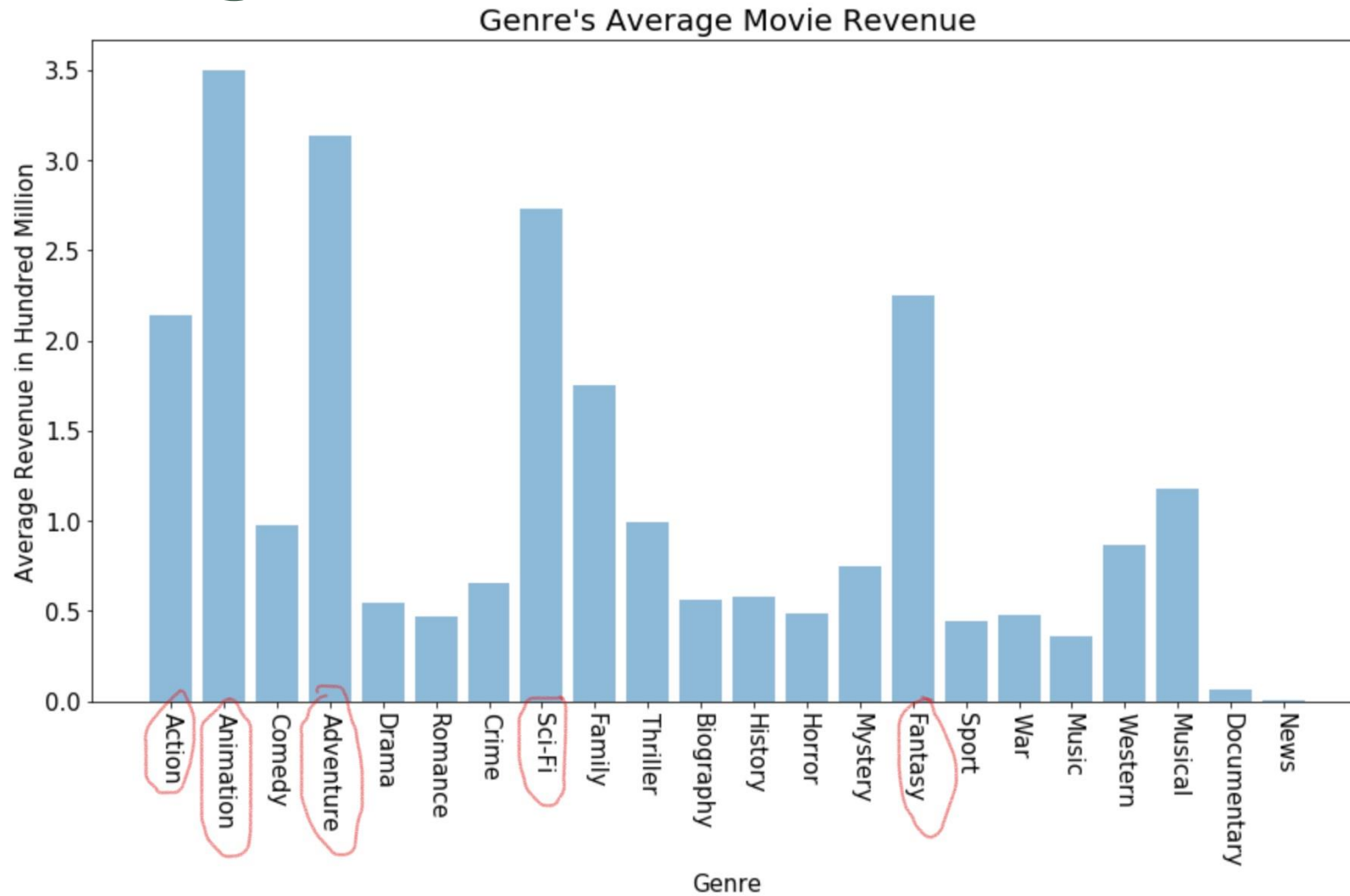Average Revenues By Directors Who Directed The Least Films

Do genres effect movie ratings?
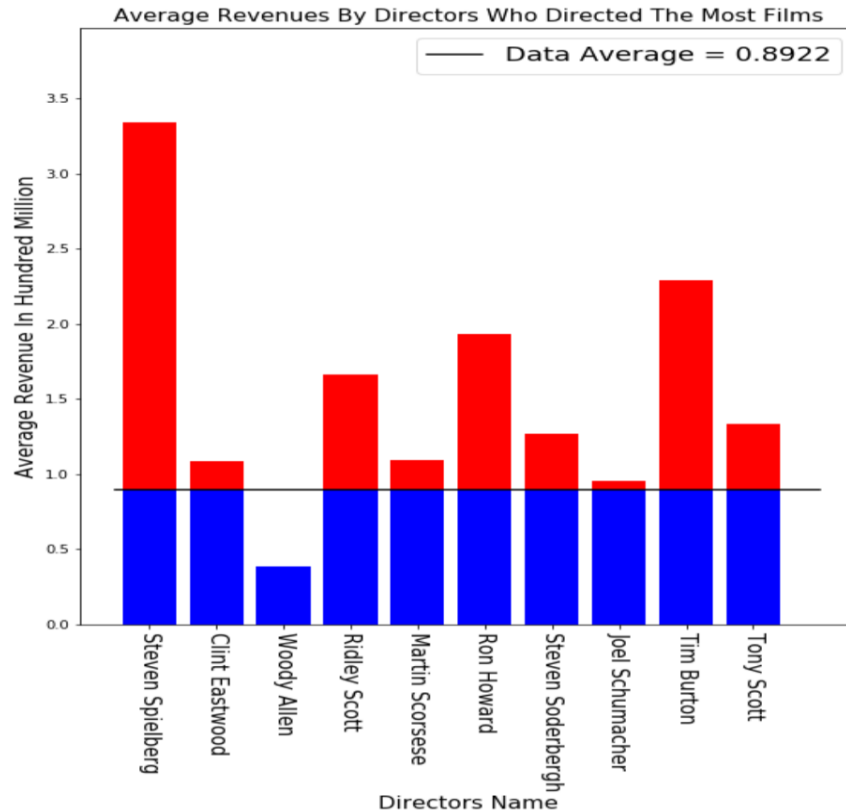
Genre's Average Movie Ratings
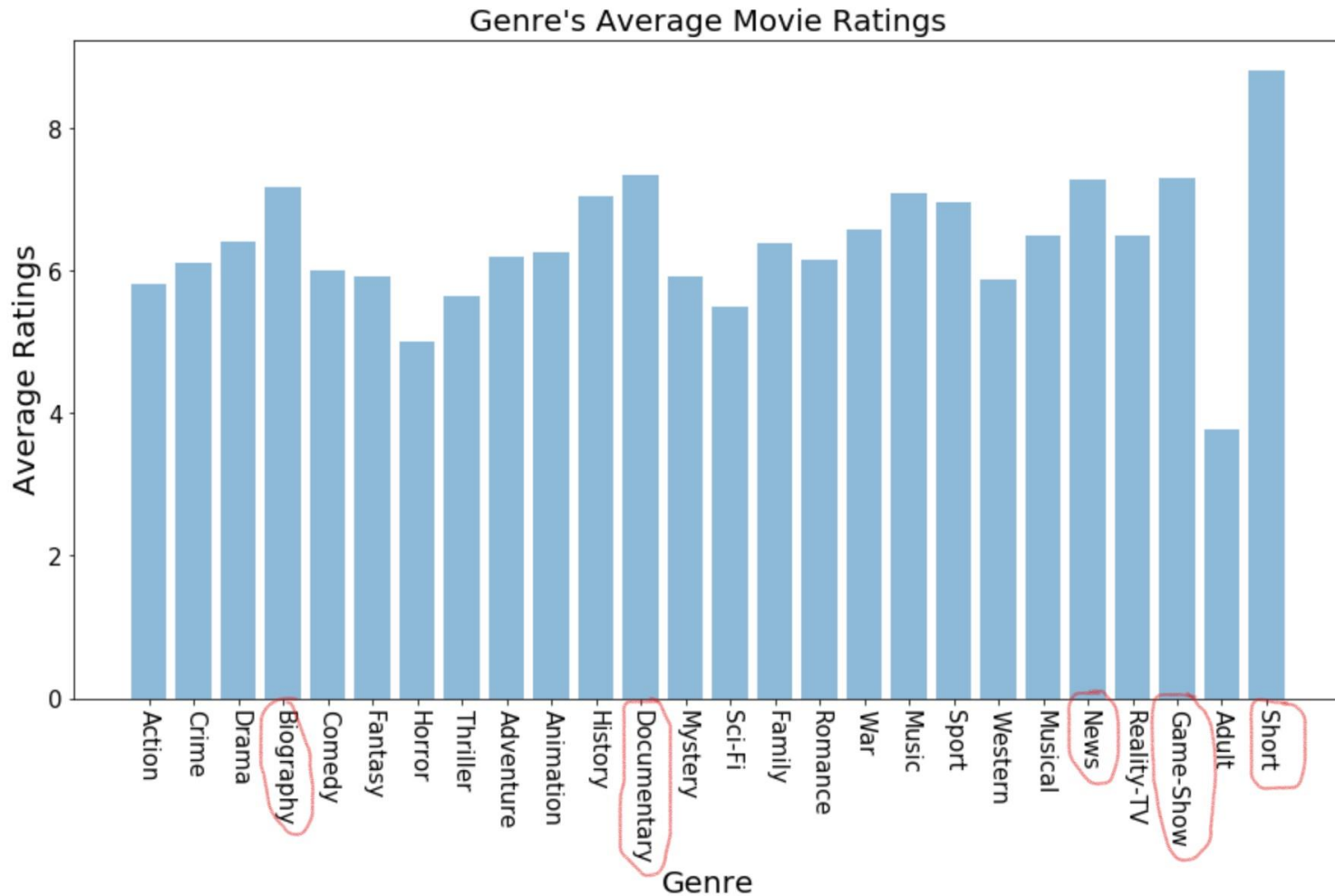
- Short films
- Documentary
- Game shows
- News
- Biography

Do genres effect movie revenues?

Genre's Average Movie Revenue

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

Recommendations

- Hiring popular directors = Higher average revenue 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