Module 1 – Movie Project

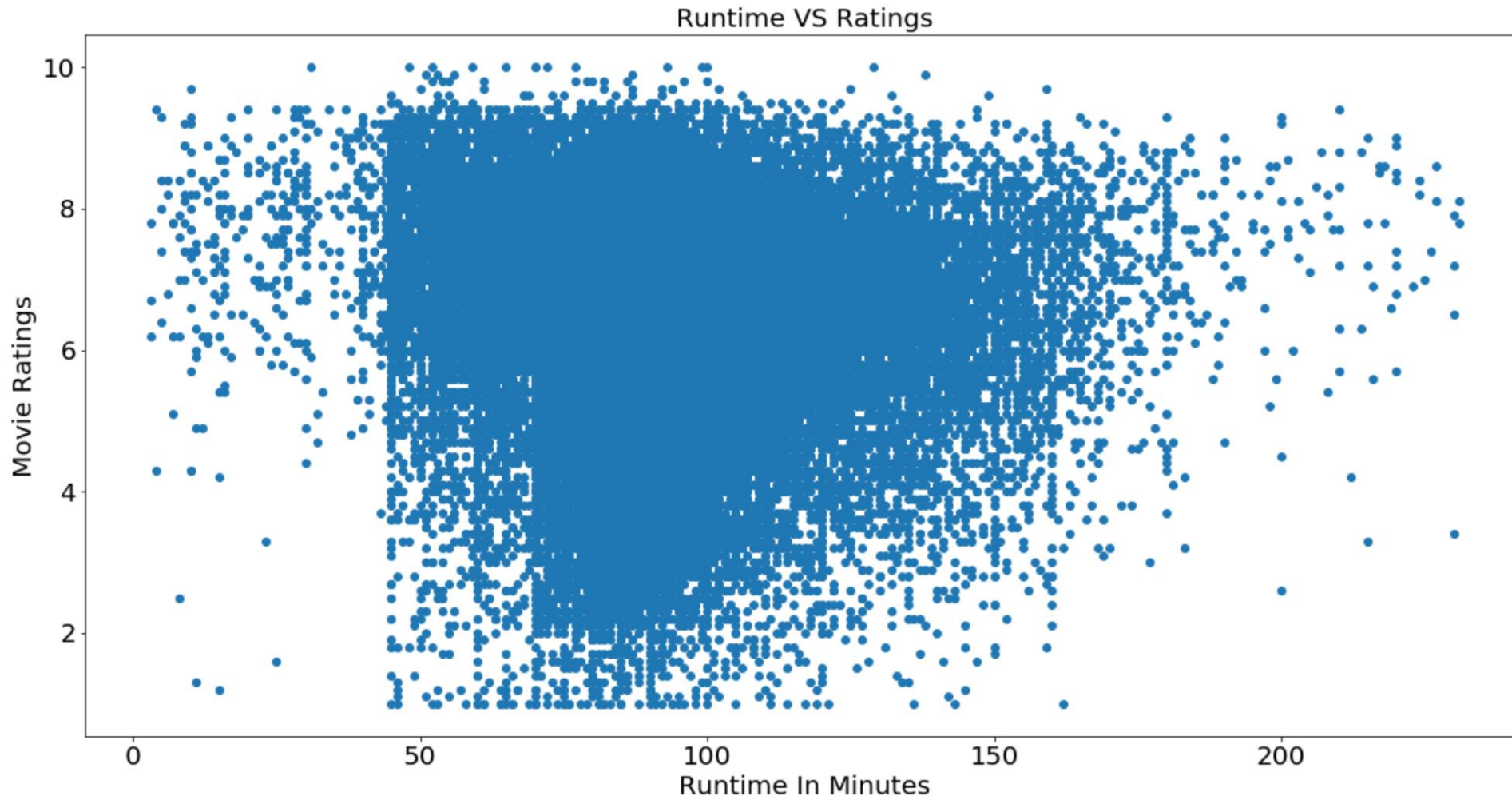Andy Peng

Overview

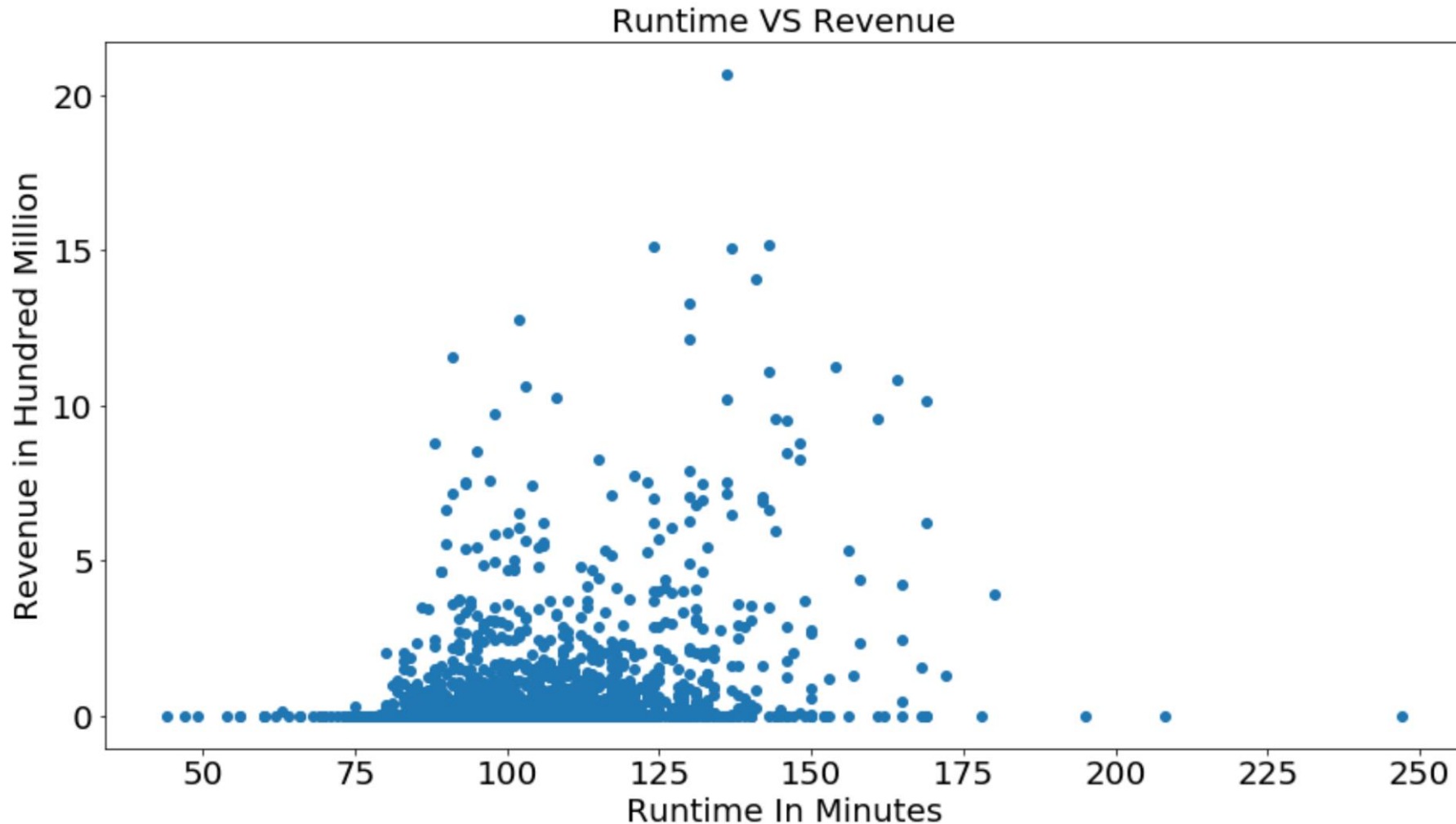- Relationship to ratings and revenues
  - Genres
  - Directors
  - Runtime

Does runtime effect movie ratings?
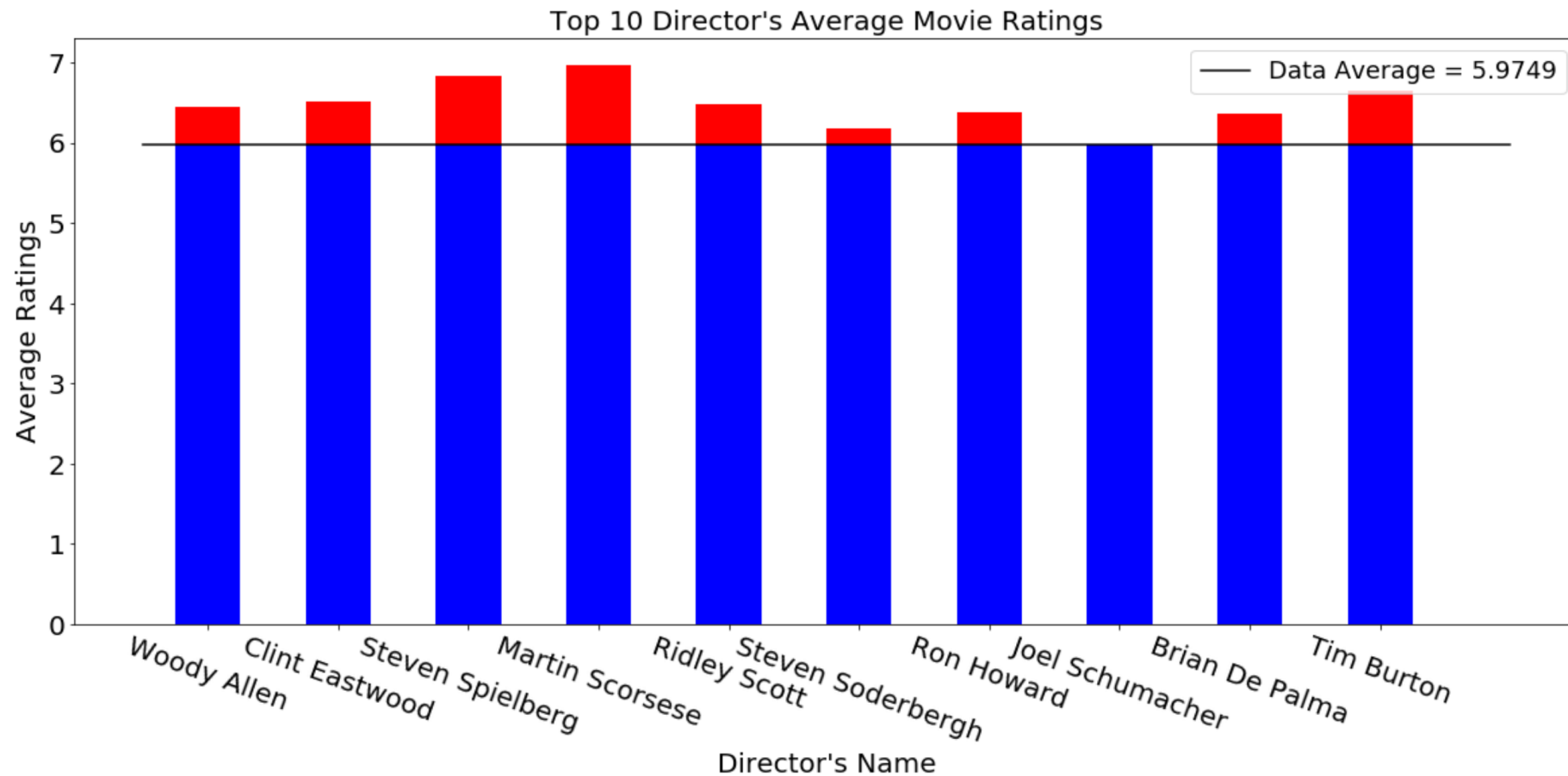

Runtime VS Ratings

- Corrleation = - 0.04842749

Does runtime effect movie revenues?
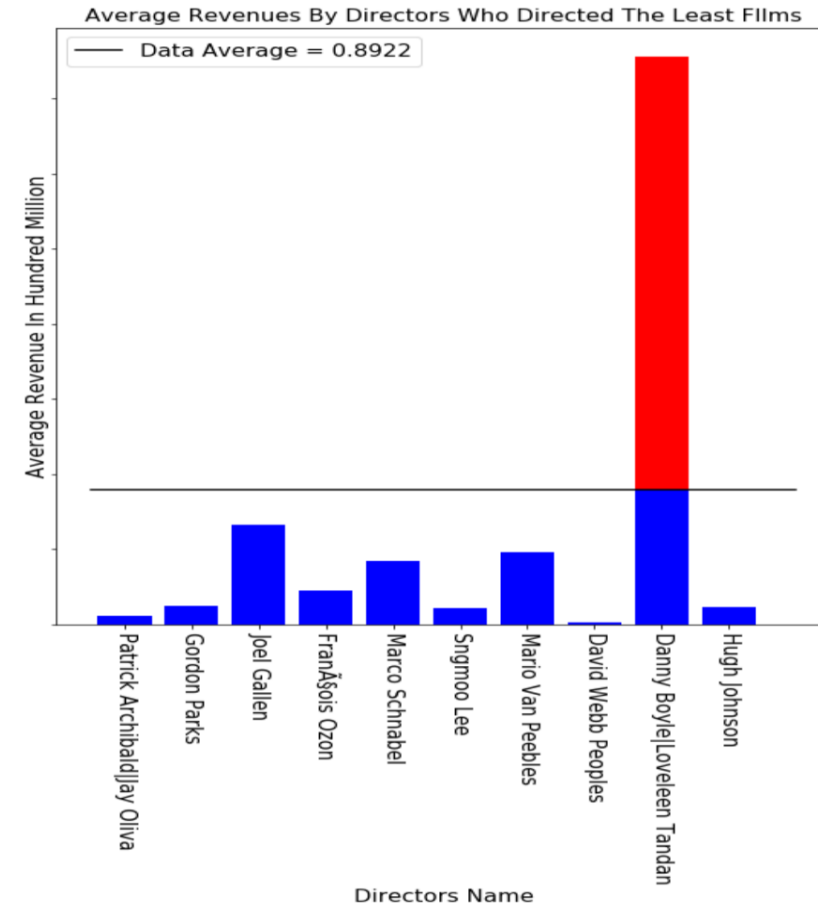

Runtime VS Revenue

- Correlation = 0.31924

Does directors effect movie ratings?

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?
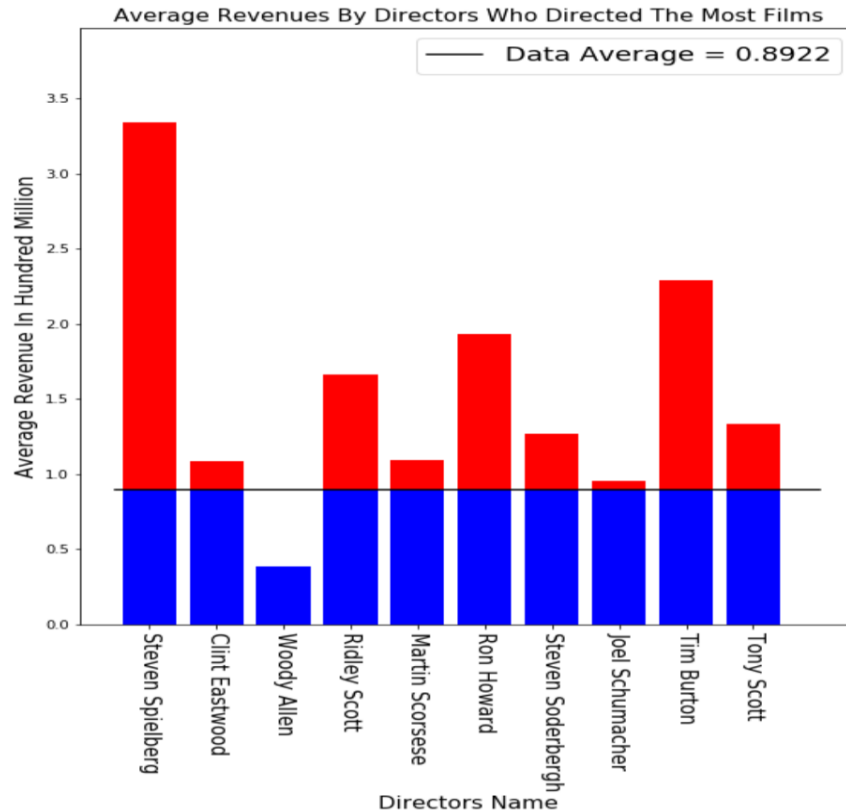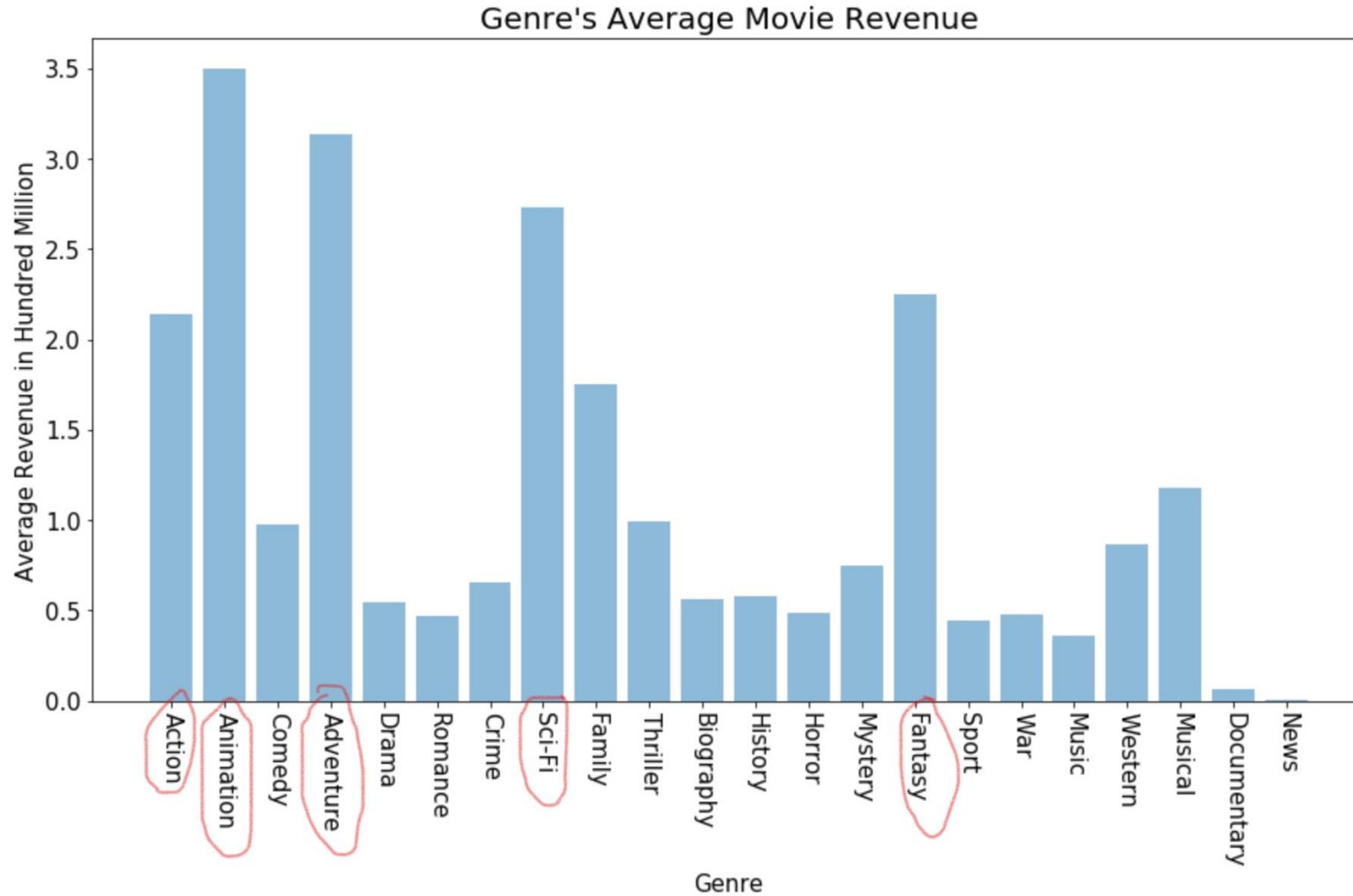

Genre's Average Movie Ratings
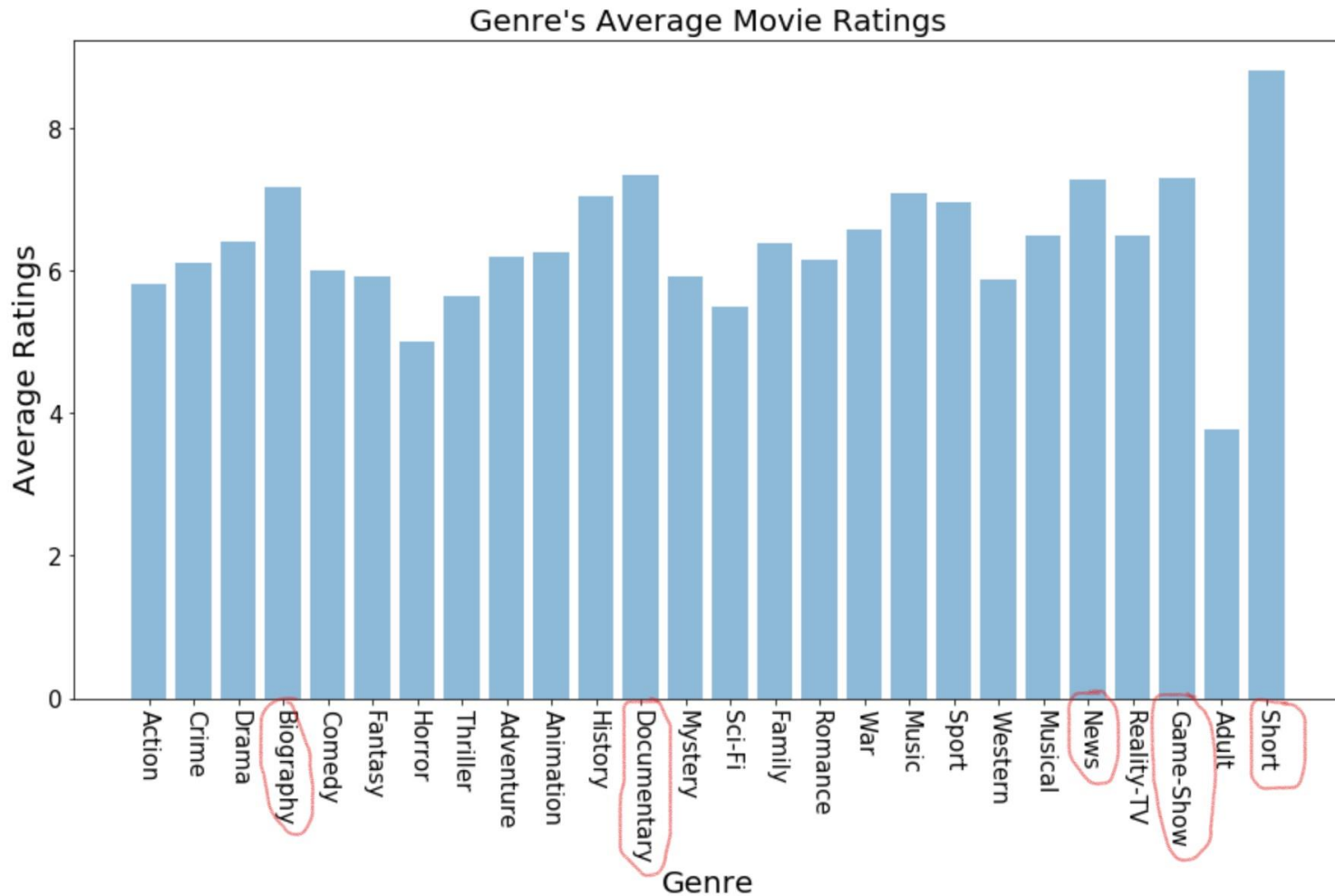
- Short films
- Documentary
- Game shows
- News
- Biography

Do genres effect movie revenues?

Genre's Average Movie Revenue

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

Recommendations

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

Next Steps

- <u>Features to Explore</u>
  - Time the movie is released
  - Movie budget
  - Actors
  - Domestic vs international

- <u>Gather More Data</u>

Thank You