

ASSINGMENT MID 2

- A. See FilePartA.
- B. See FilePartB.
- C. See File DataScraping.ipby.
- D. See FolderPartD.

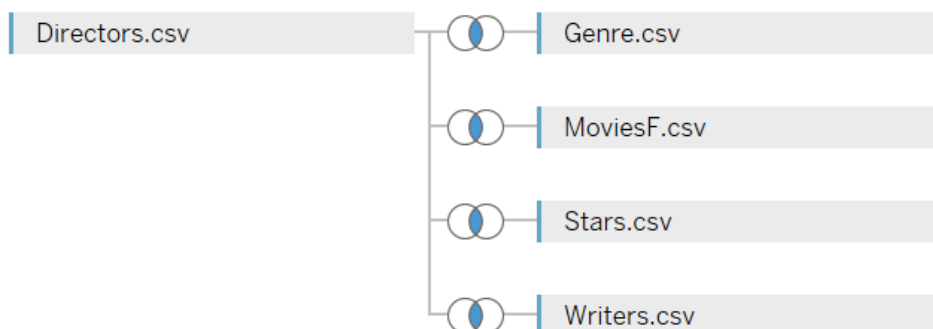
E: & F:

ANALYSIS USING TABLUE

Our relationship schema contains 5 Files.

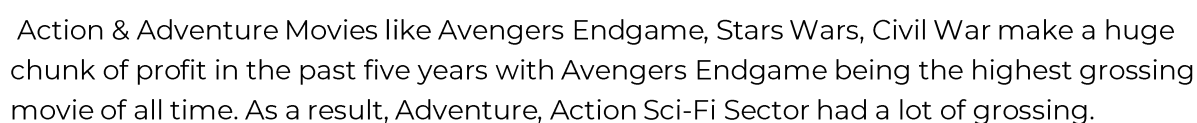
- 1- Main File named Movies.csv
- 2- To break the many to many relationships between movies and Genre, Directors, Writers & Stars 4 separate file are created containing PID of Movies.csv as Foreign Key.

ERD



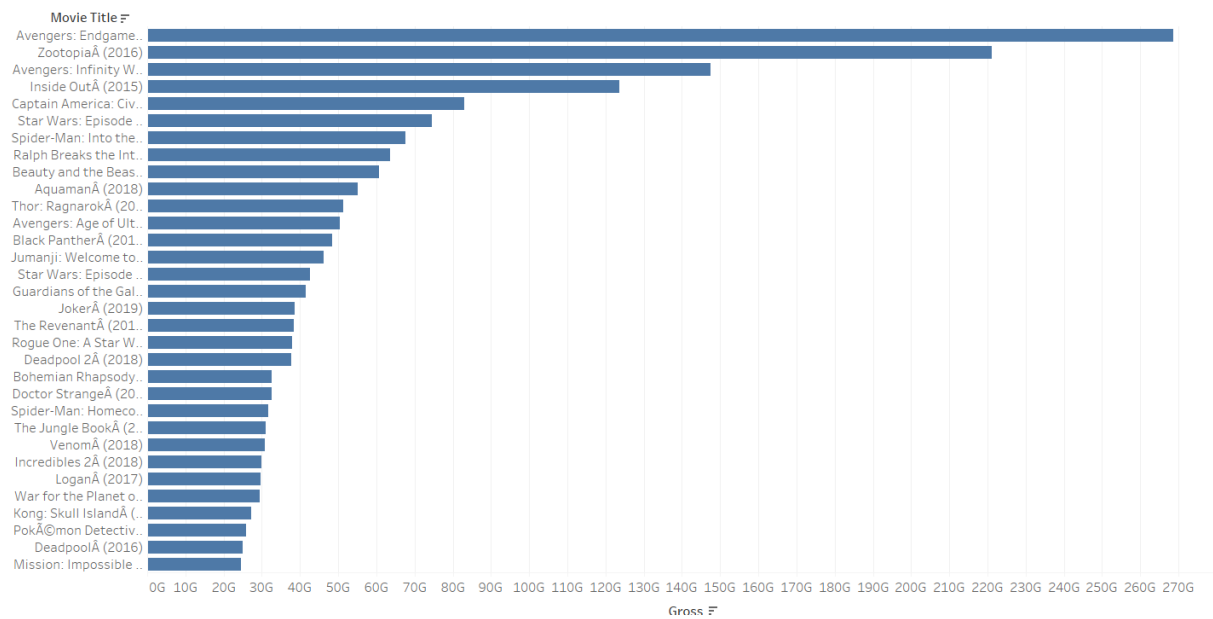
[illegible]

Movie Grossing WRT to Genre



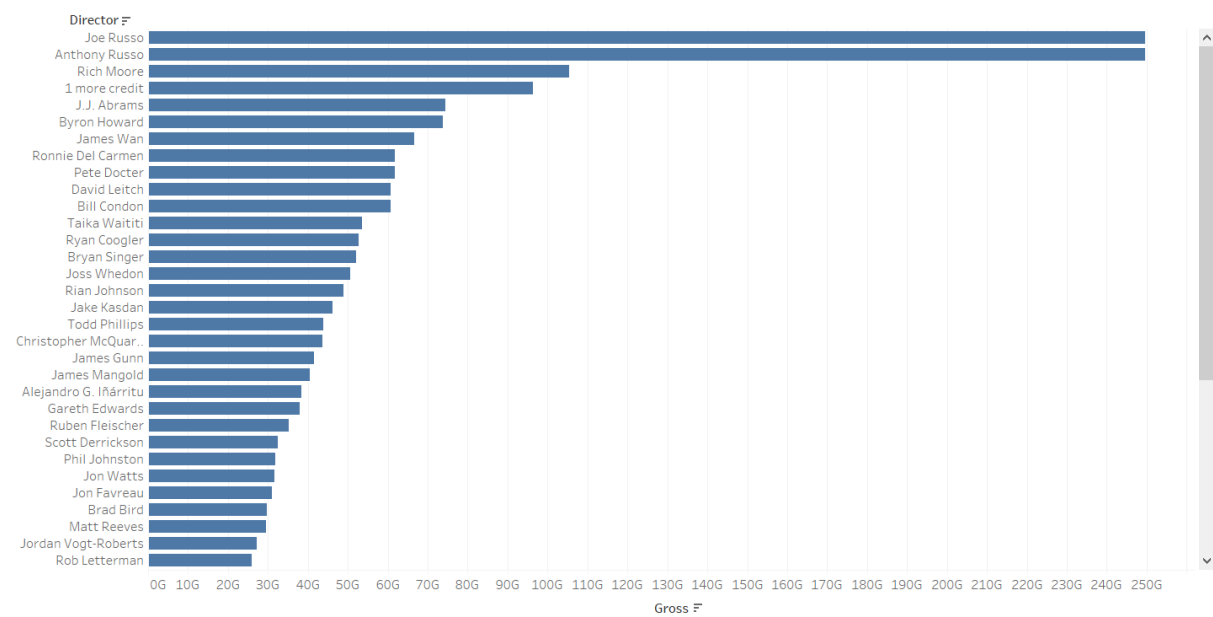
Proof Given below:

Movie Earnings



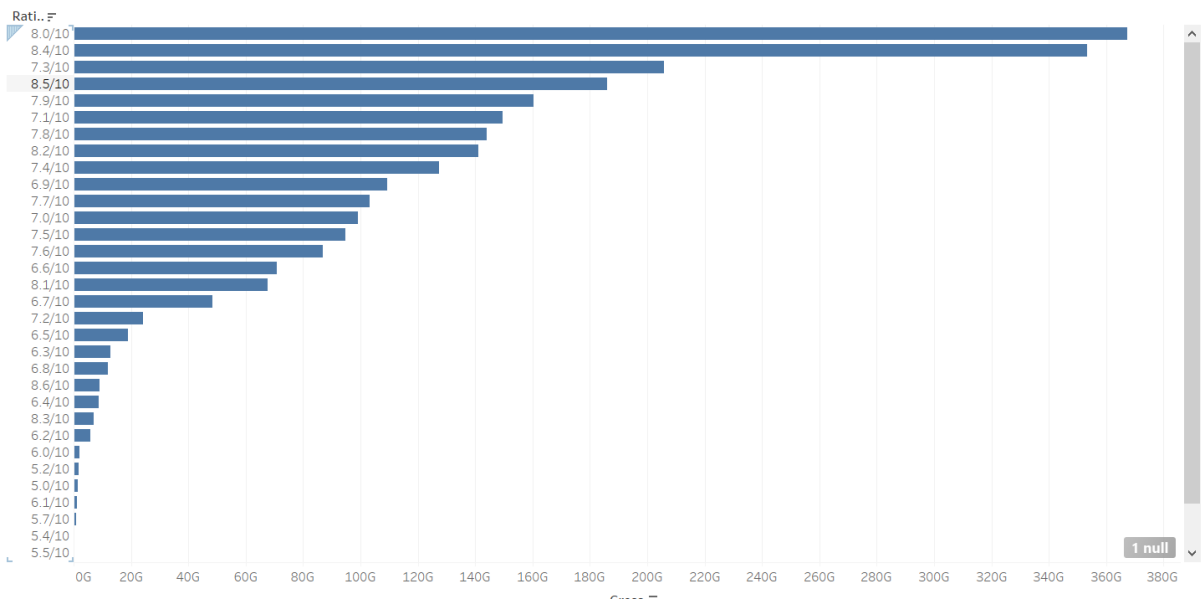
Russo brothers earned the most from there earning from the Avengers.

Directors



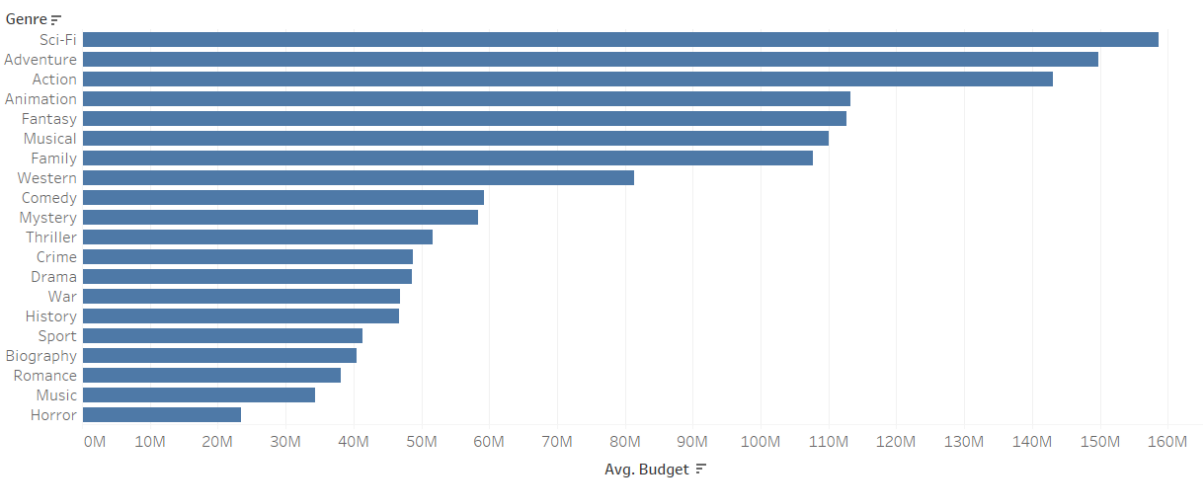
Rating matter to a certain extend in determingn the earning of the movies.As movies with lower rating have earned more than raitng with higher earnings.

Gross WRT to Rating

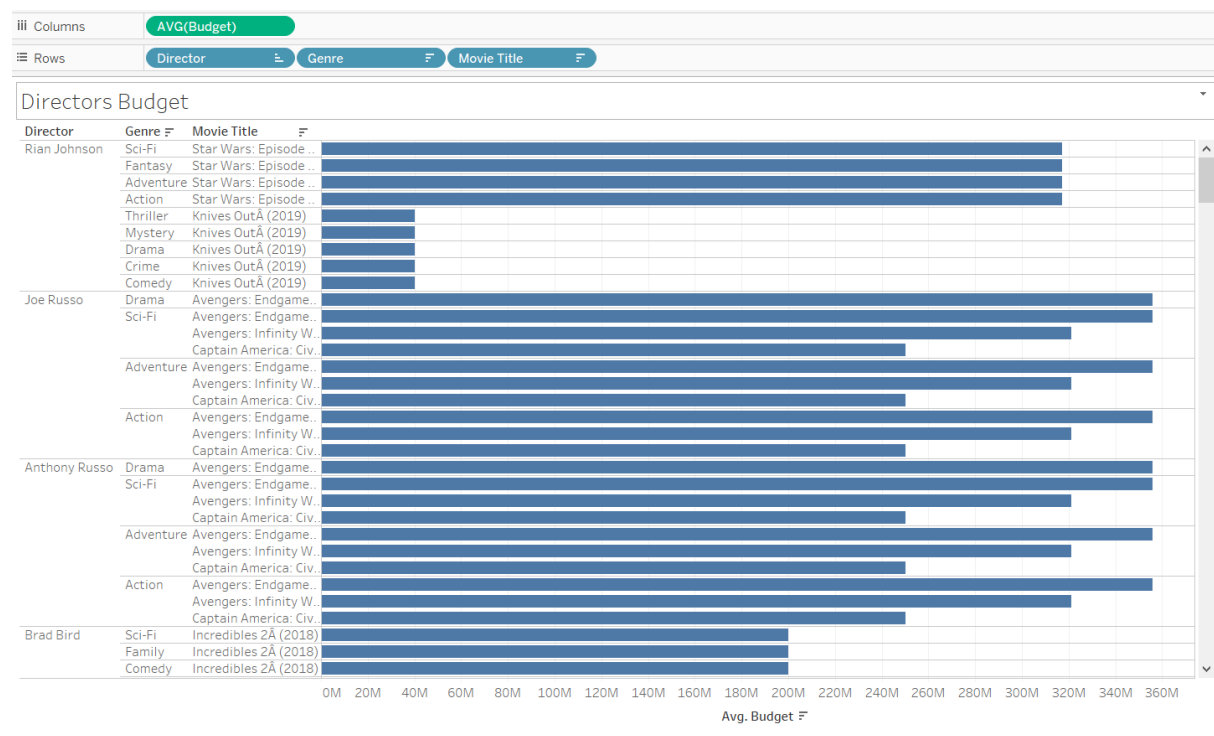


Most Amount of budget in the last 5 years has been spend on Sci-Fi,Adventure & Adventure Movies.

Budget Allocation

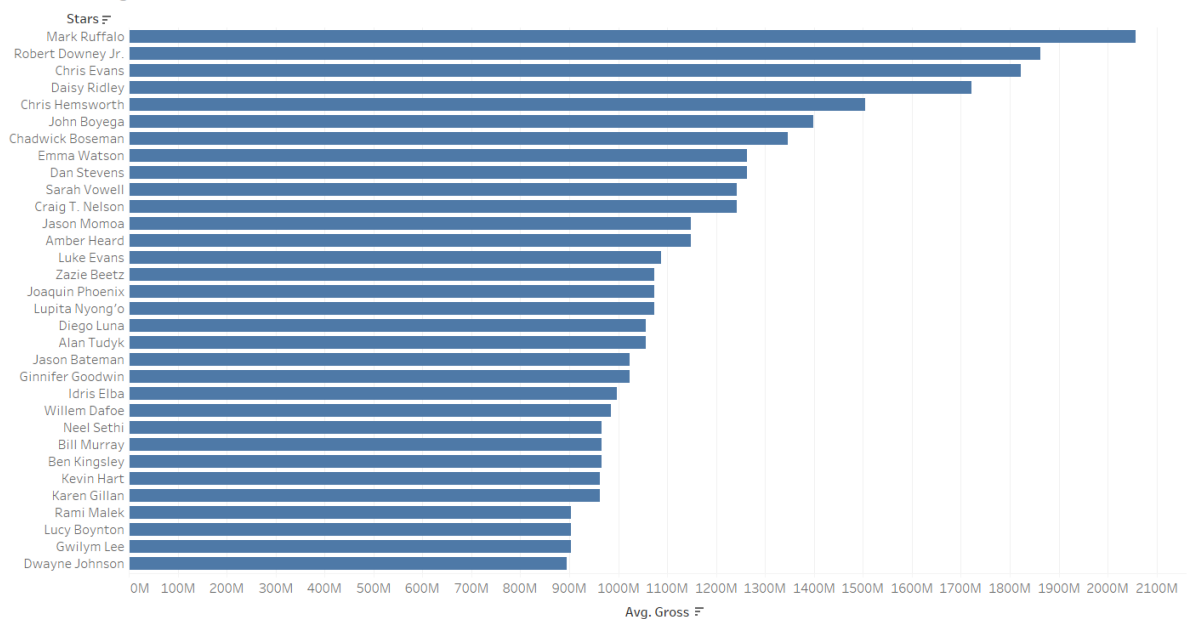


You can see below that directors which had the highest budget for movies also end up earning the highest. Rian Johnson, Joe Russo and Anthony Russo all have highest grossing movies. The highest overall budget use by a director was Rian Johnson in Star Wars and Knives Out. Although overall movie budget was allotted to Rian Johnson (Star Wars Director) was more, Russo Brothers end up earning more via Success from Avenger Series. Giving high budget to director doesn't always guarantee the success of a movie.



An obvious analysis was that since such movies gross so much. Their actors must have had heavy earnings. 4 out of top 5 actors belong to Avengers. Other one belongs to Star Wars.

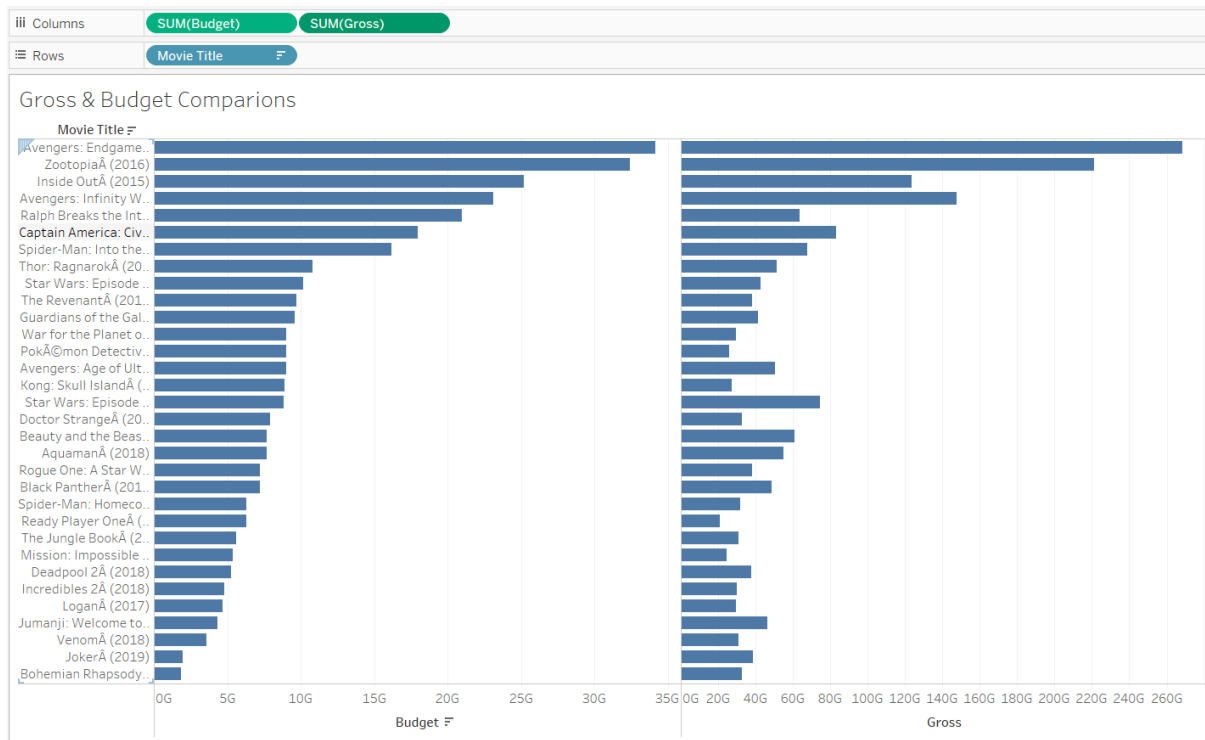
Stars Earnings.



There are movies with lower budget that end up grossing more and Vice Versa.

Examples:

Joker gross a lot more than its allocated budget. Same is the case with Bohemian Rhapsody, & Jumanji. Sadly, a lot of movies were not able to gross more than there budget Jungle book, Aqua man etc.



Sentiment Analysis

With the advancement in technologies being implemented in Sci Fi and Action Movies. There is a high demand of such movies by the consumer. And according to the trend being shown from the past 5 years it will continue to grow. However spending huge amount of budget on a movies does not always guarantee its success viewers want cool 3d graphics but at the end of the day they need a good plot as a result a lot of movies spend a lot more than it earned. With the animation being used there is an increase in demand of animated movies such as Frozen, Inside Out, Zootopia (earned more than Avengers part 2). While Romantic, Horror, Musical (6th largest grossing amount was spent on this genre yet it came 4th last in grossing) Movies are not in as demand as they once were.