



TMDb Movie 2015

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ABOUT DATASETS

THIS DATA SET CONTAINS INFORMATION ABOUT (10866) MOVIES
COLLECTED FROM THE MOVIE DATABASE 2015

Columns details

ID: Movie ID	Popularity: Popularity score	Budget: Amount spent to make the movie	Revenue: Amount realized from the movie	original title: Movie title
Cast: Actors & Actresses in the movie	Homepage: Movie website	Director: Director(s) of the movie	Tagline: Catchphrase(s)/slogan of the movie	keywords: Words associated with a movie
Overview: Movie Summary	Runtime: length of a movie	Genres: Category	Production companies: Companies that produced the movie	Release date: Date movie was released
Vote count:	Vote average	Release year: year movie was released	Budget adj: Budget In terms of 2010 dollars	Revenue adj: Revenue in terms of 2010 dollars

Insight(s) for Analysis

What are all times highest and lowest profit movie?

What is all times top 10 movies which earn the highest profit?

What is the all times highest and lowest budget movie?

What is all times top 10 movies which have the highest budget?

What is the All times highest and lowest revenue movie?

What is all times top 10 movies which have the highest revenue?

What is the All most popular and least popular movie?

What is all times top 10 most popular which movie?

Question(s) for Analysis

how does budget affect revenue?

how does budget affect popularity

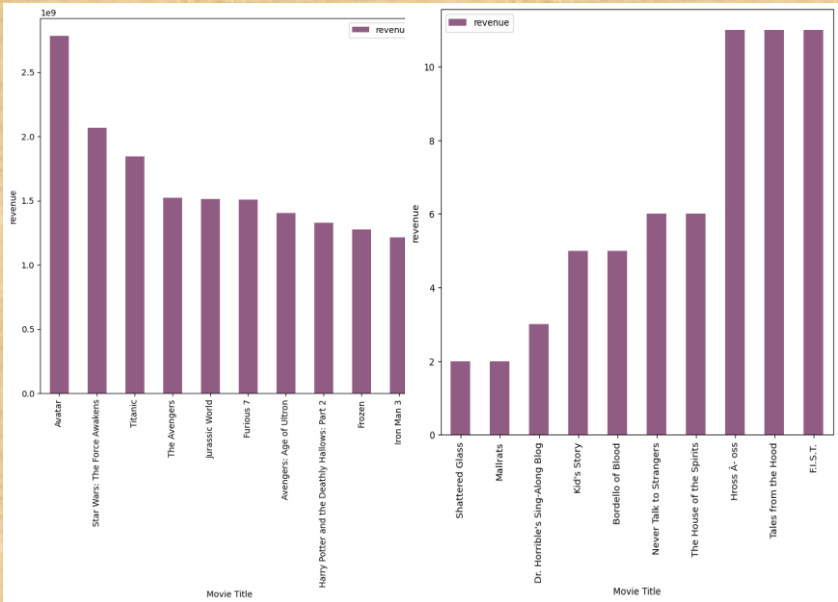
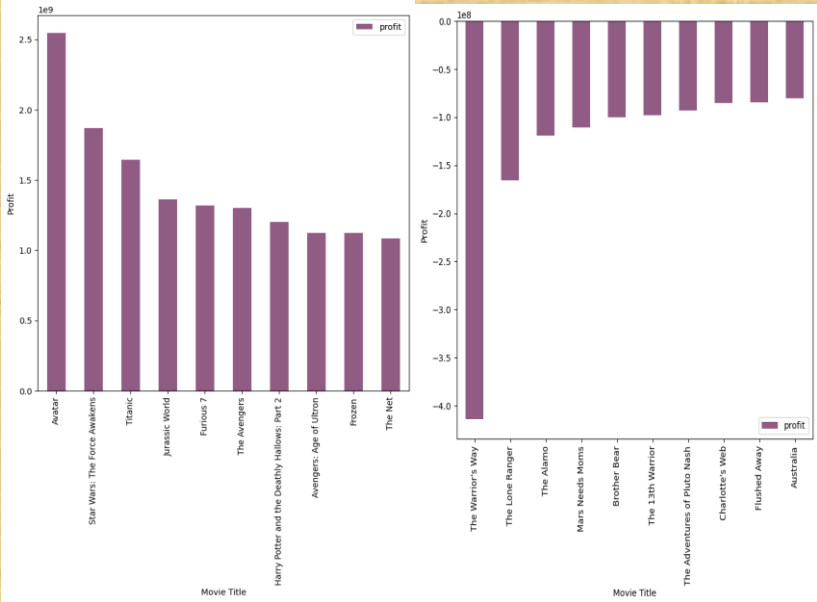
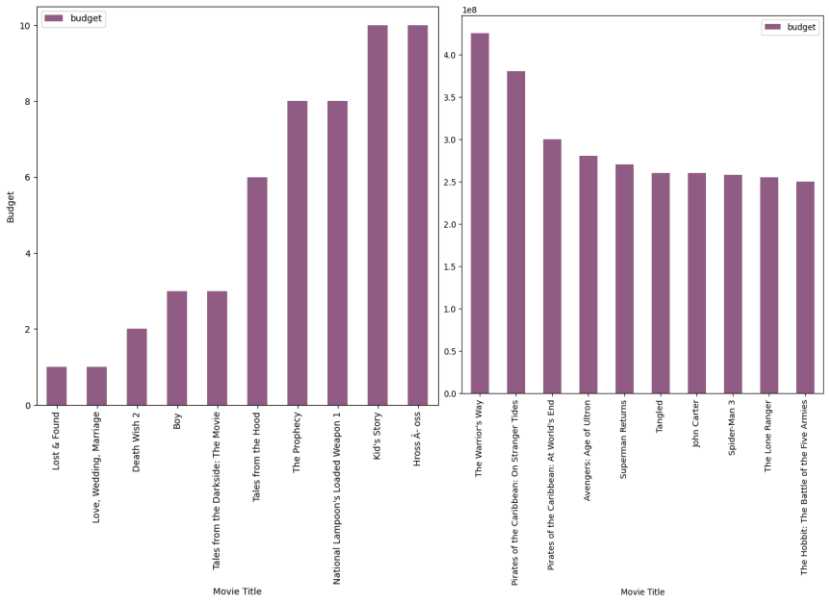
does popularity affect profit?

does popularity affect rating?

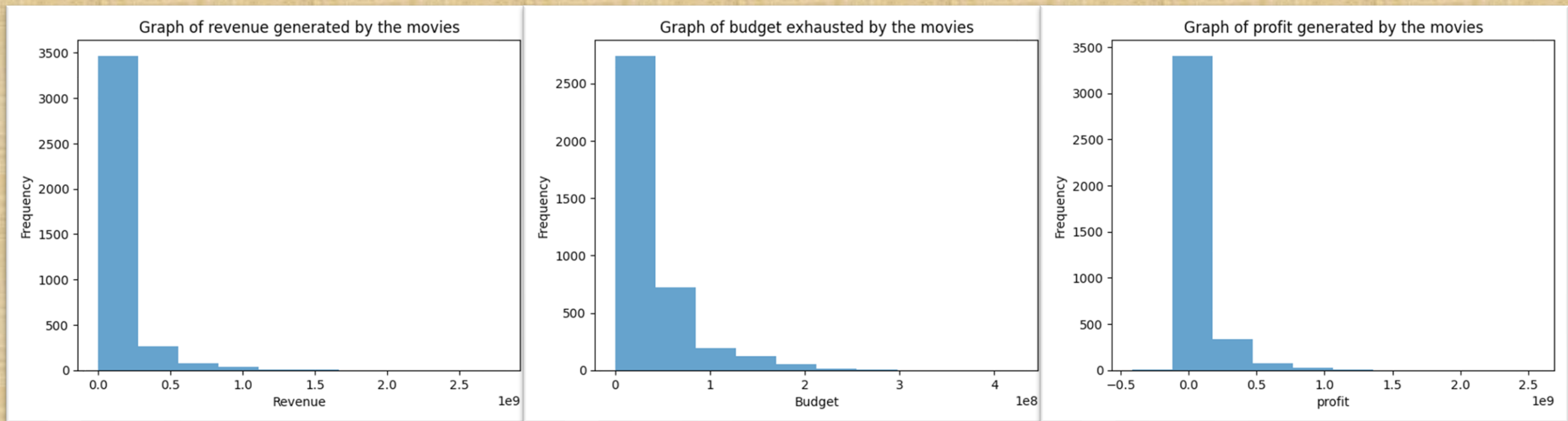
who is the most popular director?

which of the directors generated the most revenue?

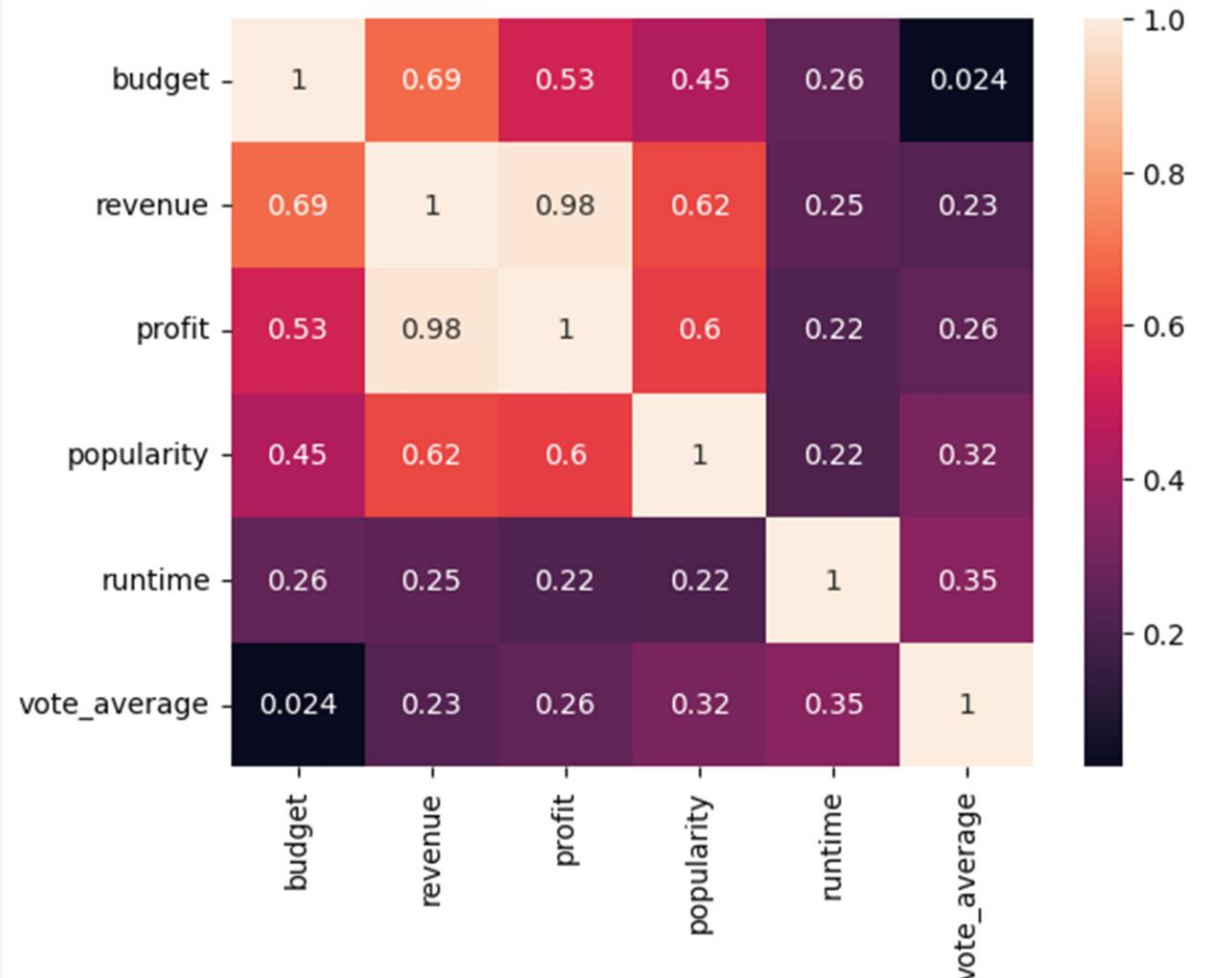
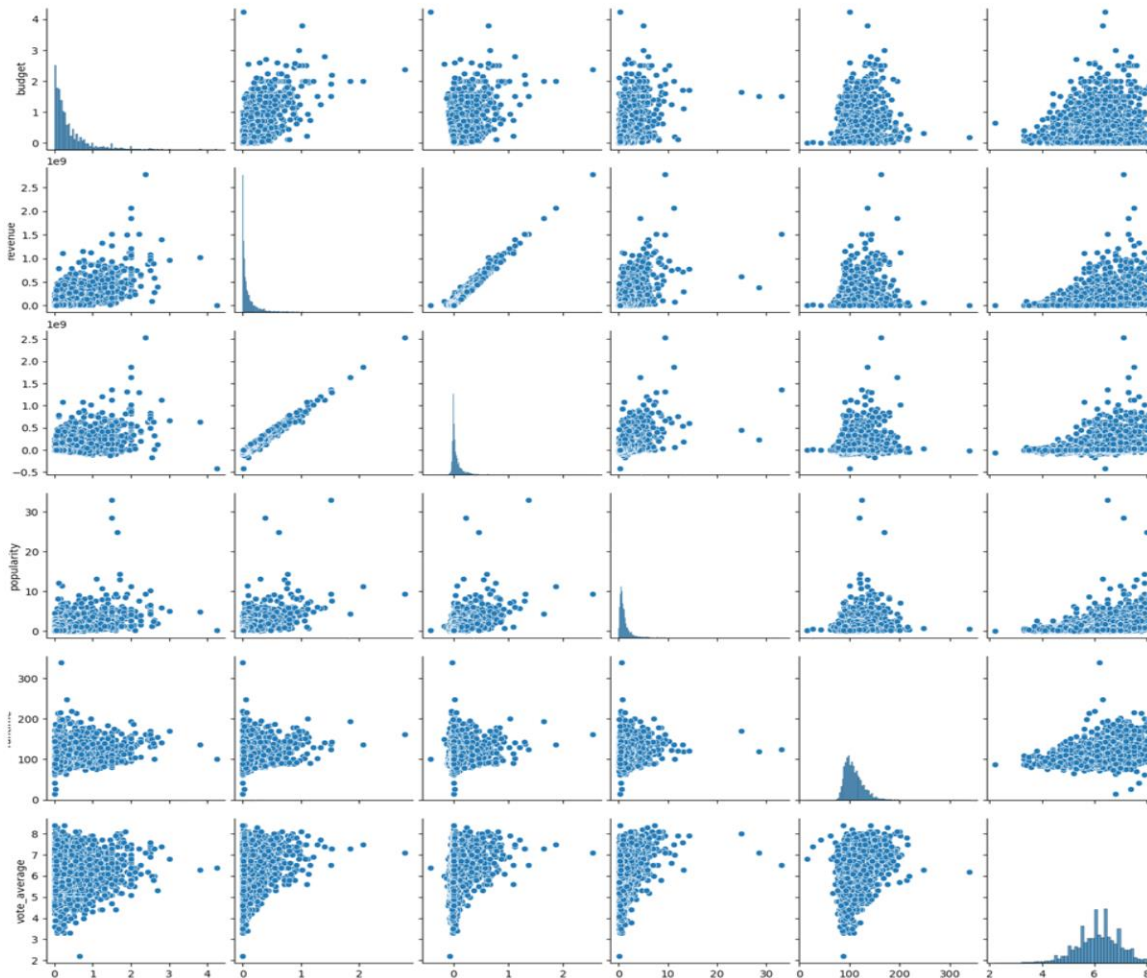
Plots Of Analysis



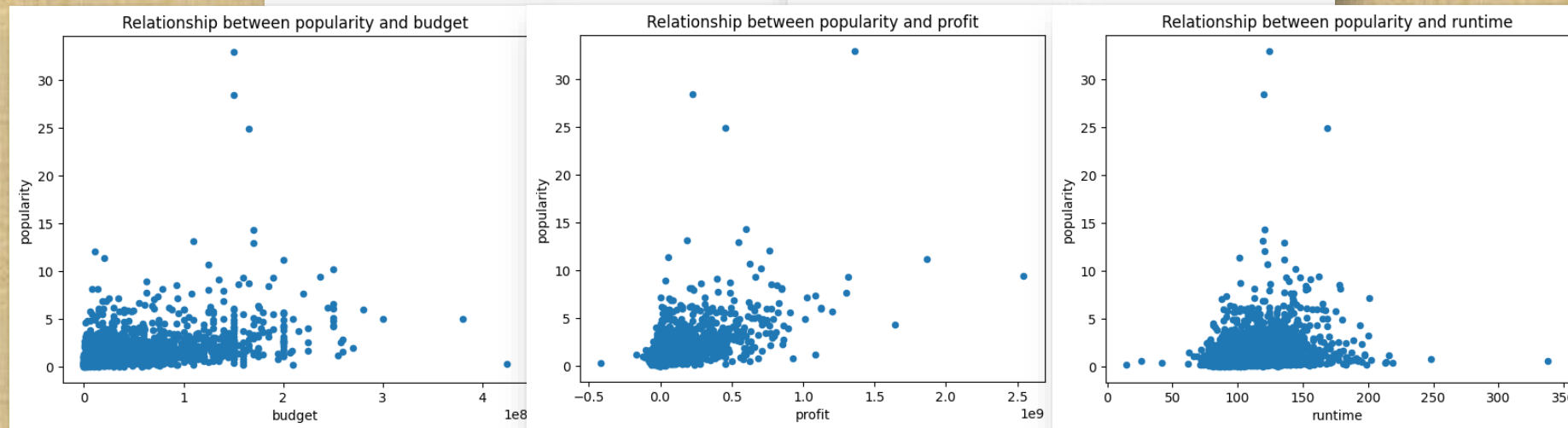
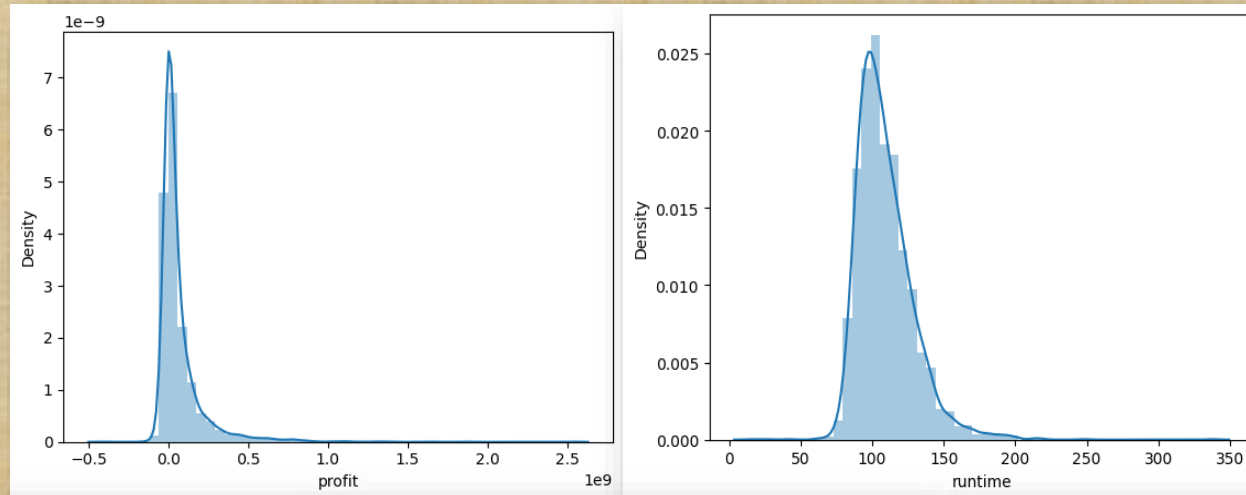
Plots Of Analysis



Plots Of Analysis



Plots Of Analysis



Overview on notebook



LOOK WELL

Conclusion

- We see from the datasets that the , Adventure: 749 , Action: 1086 ,Science Fiction: 520, Drama: 1754 ,Thriller: 1204, Crime: 652 ,Fantasy: 396 , Romance: 666 , Music: 134 , War: 119 , Mystery: 344 , Western: 52 movies .
- Avatar generated the most revenue and the most profit overall. It also ranks 12th on the all time most popular movie.
- The Warrior's Way exhausted the most budget despite having the least profit.
- The most popular movie is the Adventure movie ,titled Jurassic World. Also having an excellent revenue and profit record.
- Most of the movie which generated the most revenue and profit had adventure and action in their genres, most movies with comedy and drama generated lesser profit and revenue. This constraint also affected the popularity of the movie. A couple of the movies with the biggest budget didn't generate as much traction, profit or revenue and weren't all that popular.
- In the context of popularity and profit, the visualization reveals a robust positive correlation between revenue and budget. Essentially, when a movie has a higher revenue, there's a greater likelihood that it will generate substantial profit.

Conclusion

- In our analysis, we explored the connection between movie popularity and ratings. The chart revealed an interesting trend: highly popular movies tended to receive higher ratings compared to less popular ones. This phenomenon could be attributed to the 'buzz' effect—movies that generate significant discussion and capture viewers' attention often end up with favorable ratings. Conversely, lesser-known films, which may not receive as much viewer attention, tend to have lower ratings.
- Don't you think this will affect profit? Well, looking at the other correlation matrix table and the scatter plot, we'd notice a positive correlation between profit and popularity. What this implies is that as people keep talking about a movie, recommending it and making the movie trend, the revenue less the budget increases and this is more money for the directors and every one concerned.
- So, if you are looking for a movie director to generate a lot of revenue for you then Steven Spielberg is the man for you. He is the all time director with the highest revenue and profit generated.
- Let's look at runtime and popularity. The correlation between runtime and popularity depicts a low positive correlation. What does this mean? Well, it means that the popularity of a movie does not really depend on its length. As mentioned above there are other factors that greatly influence popularity based on this dataset.

Thanks