**DS8007 - Project Proposal – HARISH ANUMANCHINENI(500981898)**

Data Visualizations on Movie Review Data set.

**Dataset with Detailed Description:**

The dataset has 608 rows with 17 columns.

Columns name with types:

1. 'Day of Week' **(String)**
2. 'Director'**(String)**
3. 'Genre' **(String)**
4. 'Movie Title'**(String)**
5. 'Studio'**(String)**
6. 'Adjusted Gross ($mill)'**(Float)**
7. 'Budget ($mill)'**(Float)**
8. 'Gross ($mill)'**(Float)**
9. 'IMDb Rating'**(Float)**
10. 'Movie Lens Rating'**(Float)**
11. 'Overseas ($mill)'**(Float)**
12. 'Overseas%'**(Float)**
13. 'Profit ($mill)'(**Float)**
14. 'Profit%', **(Float)**
15. 'Runtime (min)'**(int)**
16. 'US ($mill)'**(Float)**
17. 'Gross % US'**(Float)**

**Drive link:**

**<https://drive.google.com/file/d/1k89A4F60OJmQzYCIY2jmIfca4m55sPsl/view?usp=sharing>**

**Information from visualizations will be showing from the data set**

1. The day of week where more releases were made
2. The count by Genre which genre has more releases
3. The amount collected in home (USA) by Genre by Different Studios
4. Average Profit percentage by day of the week
5. How the budget is affecting the runtime and the like of people (ratings) whether the people are liking long running(runtime) movies or short runtime movies
6. The top 5 directors their collections for the movies(profit)
7. The movies that performed poor in overseas
8. Group data of IMDB ratings and Movie lens Ratings by Genre from this we can see which genre got more liking from people/Ratings vs Income
9. Budget vs Income (profit percent) low budget high profit percent movies