PROJECT 1

**Title:** An insightful look at IMDB data from 2006 and 2016

**Team members:** Mahtab Karimipour, Luke Gonzales, Molly Eskelson.

**Description/outline:**

Our project is to uncover patterns between movies released from 2006 and 2016 and their genres, critic scores, revenue, actors, directors, year, runtime minutes, rating, votes, and metascore

As the data allows.

**Question-**

* How much revenue do movies make per a genre?year?
* What are the best/top 15 movies according to revenue? Year?
* What is the average rating for movies? (by each genre?) then what would be a good or bad movie rating score (rating vs metascore)?
* Applying the average movie ticket cost, how many people bought a ticket for the movie vs the number of people (votes) who saw the movie? (by genre?)
* Does the length of run time effect a movies rating?
* Is there a relationship between a movies revenue and the rating users give it?
* Analyzing the difference between meta score(critiques) and users(rating)
* Who are the top directors and actors- actors and directors show up in the most films in this 10 year span

**Data Sets to be Used-**

-IMDB data from 2006 to 2016

**Rough breakdown of task:**

* + -each team member is to make a minimum of two graphs to answer the above questions.
  + -each member is to supply writing (at least one paragraph) for each of the questions they tackled.
  + -repository management-Luke
  + -presentation- majority given by Luke
  + power point-Molly
  + -word flow and organization of paper is to be handled by Mahtub
  + all of us program