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## Project 4 Proposal: Movie Search Engine

### **1. Data Source**

Kaggle- <https://www.kaggle.com/datasets/rounakbanik/the-movies-dataset>

### **2. Motivation**

Everyone in our group loves movies, and there is plenty of data surrounding them.

### **3. Inspiration**

As a group that has been close throughout the year, we have often talked about movies and the different genres that we liked, so we thought it would be neat to do our last project on a common interest. Not only do we think this would be a cool project to do but it would be beneficial for our own use.

<https://www.kaggle.com/code/praneethreddyphn/movie-recommender-system>



#### 4. Website-

- a. Dashboard 1
  - i. Top 10 rated movies and their budgets
  - ii. Genre breakdown of top 10 rated movies
- b. Dashboard 2
  - i. Most successful titles breakdown by genre
  - ii. Top 10 rated movies by year, month and day of the week
- c. Search Engine-Year, Actor, Genre, Director, Movie
- d. About Us

- e. Home Page
- f. Work Cited
- g. Write up

#### **5. Research Questions**

- a. What are the top-rated movies by genres
- b. Which companies have the highest voted movies
- c. Which country has the largest budget
- d. Does the budget affect the success of a movie

#### **6. What are we predicting?**

- a. We are predicting the rate of a movies success by budget, genre, vote counts

#### **7. Colors**

- a. Blockbuster Theme (Blue , yellow)
- b. Streaming Services
  - i. Netflix-Red and Black
  - ii. Hulu-Green
  - iii. HBO Max-Purple

#### **8. Role Breakdown- WE ARE ALL IN THIS TOGETHER**

- a. Vanessa- Cleaning the Data, Tableau Viz 1, Write Up
- b. Bekhem- Machine learning, Tableau Viz 2& Viz 3, Webpage, Write Up
- c. Alex-Tableau Viz 3, Search Engine, Write Up
- d. Alyssa- Search Engine, Webpage, Write Up