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## **Project Proposal Template**

### **Question/need:**

The objective of the project is to predict the movies money gross by studying a dataset of movies from the Internet Movie Database (IMDB), an online database of information related to movies and TV shows. by using build a machine learning regression model. The value for the company is Improving the quality of service provided - transporting the largest number of passengers, which leads to customer satisfaction.

The value of the Regression project is determining how changes in the independent variables are associated with changes in the dependent variable. in addition to it can allow us to essentially crunch the numbers to help us make better decisions for our business currently and into the future

### **Data Description:**

Dataset from IMDb movies online database is the most popular movie website, and it combines movie plot description, Meta store ratings, critic and user ratings and reviews, release dates, and many more aspects. the dataset provides further information in regard to the aspects that make a movie successful from the user or profit perspective, and it can be combined with other movie datasets publicly available.

### **Description of Field Description:**

The Sample size: The dataset has more than 1000 numbers of rows and 10 numbers of feature/columns.

### **Tools**

- Technologies: Python, Jupyter notebook.
- Libraries: NumPy, Pandas, Matplotlib, scikit-learn.