**Predicting IMDB score using Machine Learning Algorithms**

**Introduction:**

Here I predict the IMDB score report using machine learning algorithms. Steps on how IMDB score is prediction are shown below:

1. Initially necessary libraries should be imported like numpy, matplotlib, pandas, Keras, seaborn, sklearn, tensorflow.
2. After importing the libraries data must be read, here i am using Google Collab platform to perform the analysis and prediction. I have imported the csv file from local folder.
3. Next step is the data cleaning process, we will drop the features which are not required for data analysis and drop the keywords too.
4. Data has been labelling for categorical data.
5. Once after the data Pre-processing has been done IMDB Score has been predicted using machine learning models.
6. Machine Learning Models used for prediction are :
7. K-Means Clustering to label the data
8. K- Nearest Neighbor
9. Using Linear Regression with Ridge Penalty
10. Decision Neural Network
11. Random Forest
12. Decision Tree regressor