**YouTube Views Prediction-Problem Statement**

**Objective of the problem:** The objective of the problem is to predict the values of “views” variable from the given features of the Test data. Please note that the predictions are to be written to an output csv file which contains the predictions appended as a new column to the test data.

**Description of files:**

**• Training File:** All features including the target would be present in this file. Machine learning model would be trained using this file. This file is to be used for training and validation.

**• Test File:** This file contains all features, but the target variable. Prediction is to be made for all entries in the test file.

**Description of attributes:** The data given is related to various trending YouTube videos. Please go through following to understand the variables involved:

* Video\_id:- ID of the uploaded video
* Publish\_date:-Date when it was published
* Trending\_date:- Last date it was trending
* Category\_id:- Category it belong
* Channel\_Title:- Name of the title
* Subscriber:- Number of people who subscribed the channel
* Title:- Title of the video uploaded
* Tags:-Tags appeared with the video
* Description:-Description of the video
* Trend\_day\_count:-Number of days video was trending
* Tag\_count:-Number of tags in the video
* Trend\_tag\_count:- Number of tags trending among total tag
* Tag appeared in title:-Does tag appeared in video title
* Views:- Number of total views for the video