**Machine Learning Challenge**

**Description Of The Data:** The given data is of reviews of a particular product category from an e-commerce platform. Please find below the description of each attribute:

* **id:** Unique identifier for each tuple.
* **category:** The reviews have been categorized into two categories representing positive and negative reviews. 0 represents positive reviews and 1 represents negative reviews.
* **text:** Tokenized text content of the review.

**Description Of Files Provided:**:

* **Train File:** This file contains all features. This file is to be used for both training and validation purpose.
* **Test File:** This file contains all but one less feature. The attribute to be predicted is not present in this file. Prediction is to be made on each tuple of this file. Please refer to the “objective of the problem” section to understand the submission format.
* **Sample Submission:** This file is an example of how the solution file is to be created.

**Objective Of The Problem:** The objective of the problem is to predict the categories of the “text” attribute in the “Test file” and write the same to a [CSV](https://en.wikipedia.org/wiki/Comma-separated_values) (Comma Separated Values) along with “id” attribute. Please note that one to one mapping exists between all the attributes and the same must be preserved. **Please upload the predicted solution file using the upload file field below and click on submit to get a score**. Please view the sample submission file to get an understanding of how the solution file must be written. Please note that the headers of the solution file being uploaded should be the same as the headers of the sample submission file.

**Evaluation Criteria:** The evaluation metric for this problem statement is [precision based accuracy](https://scikit-learn.org/stable/modules/generated/sklearn.metrics.accuracy_score.html). All scores would be normalized to 100. If predictions are to be made for “y” tuples and “x” tuples are predicted with correctness, then the score assigned would be (x/y \* 100).