**Overview:**

* **Develop an offensive language detection model**
  + Write the code to load and train models on the dataset
    - **train.tsv**: This is the dataset you should use to train your model on. You should also report validation results either using cross-validation or a validation split of the dataset (e.g., using train\_test\_split)
    - **test.tsv:** This contains the test examples in the dataset. The labels are **not**correct, **you should write code to replace the current labels with the predictions from your model. The labels should either be NOT, TIN, or UNT**
* Submit a writeup describing the chosen method
* Submit predictions on the test set
  + Rios will evaluate the submitted predictions based on macro F1 and micro F1

The dataset has three classes: NOT, TIN, and UNT. These are defined as:

* Not Offensive (NOT): Posts that do not contain offense or profanity
* Targeted Insult (TIN): Posts containing insult/threat to an individual, a group, or others
* Untargeted (UNT): Posts containing nontargeted profanity and swearing. Posts with general profanity are not targeted, but they contain non-acceptable language.

Both files contain three columns. The first column represents a twitter id, the second column is the text you should use to make predictions, and the third column represents the class associated with the tweet.

**List of Deliverables:**

1. Submit the predictions on the provided test file.
   * I have provided a file named "test.tsv". The file has three columns, an ID, text, and label. Currently, the label field contains FAKE labels. For this submission, you must replace the fake labels with predictions from your model in the same format as the original test\_set.tsv.
   * **Due May 7th (3 points)**
2. Create a small technical report describing your method (e.g., what features you used and models you explored) along with evaluation metrics on a development dataset and a comprehensive error analysis
   * The writeup should be two (min) to four (max) pages long.
   * The error analysis should provide examples of false positives and false negatives your model produces.
   * **Due May 7th (6 points)**
3. Create a short video that is 5 (min) to 10 (max) minutes long describing your approach. The video should just contain a high-level overview of your approach and share some results on a validation dataset. You should share the video on the Blackboard discussion board.
   * **Due May 7th (1 point)**