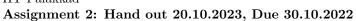
## CS5601 Natural Language Processing

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## **Assignment 1: Text Classification**

Given a text dataset. Explore the dataset and do the preprocessing if required. Implement text classification by using -  $\frac{1}{2}$ 

- (a) Naive Bayes approach
- (b) Logistic regression-based approach

Dataset: https://www.kaggle.com/datasets/amiteshpatel 16/sentiment-analysis-dataset 3 labels/dataset 3 lab