

# Template Outline

Due on 2/26 at 2pm via Moodle

## 1 Overview

In this section, please write a overview of the project. Please include the work distribution of every team member, the challenges you made during the project, and the techniques you used to overcome the challenges and achieve the good performance.

## 2 Data Manipulation

If you did any data pre-processing, such as scaling and normalization etc., please briefly explain the method you use and the rationale of doing so. If you chose to use the plain word count file, or the tf-idf file, just explain your rationale.

## 3 Learning Algorithm

1. Briefly introduce all the algorithms you have tried to implement.
2. Elaborate the fulfillment of each algorithm and compare them.
  - (a) algorithm1
  - (b) algorithm2
  - (c) ...

## 4 Model Selection

Include the steps you took to pick the model. For example, it could be cross validation.

## 5 Conclusion

Write the conclusion of the overall performance of your project. Mention the possible improvements.