

# Sentiment Classification

## Project Final Report README File

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There are a total of Three directories, one for each milestone.

Each milestone directory is named in order: the first milestone files will be in the directory named Milestone\_1, and second milestone files will be in Milestone\_2, and the third milestone files will be in the Milestone\_3 directories.

Since the size of each dataset is huge, I have not attached any data files.

All data files for training, testing, and evaluations should be under the “data” directory under each milestone directory separately.

Directory structure:

Milestone\_1/Milestone\_1.ipynb

- the average perceptron algorithm

Milestone\_2/

- Milestone\_2\_avg\_final.ipynb
- Neural\_networks.ipynb

Milestone\_3/

- Milestone\_3\_Logistic\_Regresison\_Spacy.ipynb
- Milestone\_3\_Logistic\_Regresison\_tfidf.ipynb
- Milestone\_3\_SGD\_SVM.ipynb
- Milestone3\_DecisionTree.ipynb

For output CSV files: create a directory name- “evals\_data\_out” inside the data folder in every milestone directory.