

Final Project Proposal: Text Classification Competition

CS 410 FALL 2020 on-campus 3

Team:

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This proposal is for joining a text classification competition

(<https://github.com/CS410Fall2020/ClassificationCompetition>)

I personally do not have much experience using neural network classifiers but I believe this could be a great opportunity to learn new skills as well as expand my tree of knowledge.

Previously, I had worked on a stock classifier which used LinearSVC, KNeighborsClassifier and RandomForestClassifier to classify stocks in S&P 500 list. Each stock was classified into one of the three labels; buy, hold, or sell. For this project, I plan on going deeper to explore different libraries and frameworks such as TensorFlow, PyTorch, and etc. For such reasons, I will use python for this project.