Final Project Progress Report - Text Classification Competition

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Captain: Junzhe Sun (individual)
Competition: text classification competition
Progress:
For the text classification competition, I looked at a few different options and decided to use a pre-trained BERT model with fine tuning.

1) Which tasks have been completed?
A: I looked at different shallow/deep learning methods, including FastText, LSTM and Transformer neural networks. I first trained a FastText model, a shallow neural network, using the training data set, but wasn't able to beat the baseline. Then I used a pre-trained BERT model and fine tuned it using the training data set. The prediction using the BERT model was able to beat the baseline.

2) Which tasks are pending?
A: Source code documentation. Software code submission with documentation/report. Software usage tutorial presentation.

3) Are you facing any challenges?
A: No challenge remains.