CS410 Project Proposal
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Names and NetIDs of Members:

For the scope of this project, I will be completing this text classification competition individually. My name and NetID is listed at the top of this page for reference.

Intended Competition:

I intend to join the text classification competition, which is based around a sarcasm detector based on twitter posts.

Details of project:

For the scope of this competition, I intend to complete my code using Python, as I mainly focus on Python at my current workplace and due purely to the ease of coding with Python. I am very interested in this competition as there are direct parallels with my job at General Motors in the field of text classification. In my current role, we have a need for classification of Vehicle Repair Verbatems, so that we can more easily determine root cause in an automated fashion. This will be a related project which I can use in my day-to-day job.

I am excited to use Neural Network classification techniques, and will be focusing mainly on Word2vec and Glove (although I am not sure which I will use yet). A few of my coworkers at work have used these, and python has a few libraries created to leverage, such as gensim. I will make it clear which approach I will take in my project documentation. I do not have prior experience with these frameworks however there is a robust set of documentation online which I can leverage.