

CS 410: Text Information Systems

Course Project Proposal - *Text Classification*

Competition: Twitter Sarcasm Detection

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1. What are the names and NetIDs of all your team members? Who is the captain? The captain will have more administrative duties than team members.
 - **Team Name: MK (Individual)**
 - **NetIDs for all team: (only myself)**
 - **Mohan Khanal (NetID: mkhanal2)**
 - **Captain: Myself (mkhanal2)**
2. Which competition do you plan to join?
 - **Text Classification Competition: Twitter Sarcasm Detection**
3. Are you prepared to learn state-of-the-art neural network classifiers? Name some neural classifiers and deep learning frameworks that you may have heard of. Describe any relevant prior experience with such methods
 - **Yes, I am prepared to learn state-of-the-art neural network classifiers**
 - **Framework/Architecture looking to learn and utilize: Recurrent Neural Networks (RNN) , Bidirectional Encoder Representations from Transformers (BERT).**
 - **I have done machine learning project previous for Intrusion Detection system, but it was not related to text classification. I am familiar with how machine learning models / neural network works. So, will be utilizing that knowledge to work on this text classification project and will also learn new things to carry out the project.**
4. Which programming language do you plan to use?
 - **Python**