

Project Proposal: Team PRS

- 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.**

Rohan Goel: rohang4@illinois.edu (Team Captain)

Satej Shah: sshah273@illinois.edu

Parvathi Swaminathan: ps13@illinois.edu

- 2. Which competition do you plan to join?**

We plan to join the Text Classification competition.

- 3. If you choose the classification competition, 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, we are prepared and excited to learn! Neural classifiers that we have heard of are BERT and LSTM. Some deep learning frameworks that we have heard of are PyTorch, TensorFlow, and Keras. Rohan has worked with TensorFlow and Pytorch in the past. Satej has not worked with such models. Parvathi has minimal prior experience with such models in an applied machine learning course.

- 4. Which programming language do you plan to use?**

We will be using Python in order to complete this project.