**Thesis proposal**

Description

Train a document classifier to detect “types” of partisan news using recurrent neural networks and/or long-short term memory neural networks. For robustness, perhaps try to detect different types of songs also.

Milestones

1. *Start literature survey* (2.1) – Summarize relevant work.
2. *Build a couple simple examples* (2.15) – Follow tutorials and examples to understand workflow.
3. *Scrape my dataset* (3.1) – Target Fox News, and Vox News. For robustness, also try BBC, PBS, Baribart, fiveThirtyEight, etc.
4. *Train on various NN specs* (4.1) – RNNs, LSTMs, etc.
5. *Decide the best and check for robustness* (5.1)