

EECS 486
Project Checkpoint 1
Feb 17, 2022

Project topic:

Twitter Party Recognition

Goal:

Decide whether a specified location's Twitter users are most likely democrats or republicans based on recent tweets in the area, using transcripts available from debates throughout history.

Description:

Use datasets from www.debates.org and presidency.ucsb.edu/debates.php to train the model based on the debate contents and key ideas from their speech. We will split them into the democrat and the republican party. Then we can extract information from twitter samples to look for the main ideas expressed and classify them in accordance with the features extracted from the debate. We can utilize the twitter api to get the user posts' content within a specific time period. Finally, we plan to measure evaluation based on the difference based on the accuracy between predicted party and the actual party for a particular state.

Group Members:

Zhongxing Zhou
Jenna Wang
Yuchan Guo
Yuhong Chen
Chenming Xing

Email:

ryanzhou@umich.edu
ginnyjw@umich.edu
gyc@umich.edu
yuhchen@umich.edu
chenminx@umich.edu