

RICE REPORT #11

Name: Aryan Raval

Participants: Aryan Raval, Oren Tirschwell, Hasham Warrich, Austin Xiong.

Setting: This week's meeting was async. Aryan (myself) and Oren met online through Zoom at 5:00 p.m. on Sunday, May 7. Hasham and Austin couldn't make it so they contributed via email.

Contributions:

We discuss Final Project collaboratively and thoroughly.

Aryan Raval (myself): I discussed the progress of my final project, which focus on applying ML algorithms and NLP techniques to perform sentiment analysis on Twitter data. I also shared my plans to develop the project's visualization aspect further.

Oren Tirschwell: They discussed their final project, which involves using different classifiers, clustering, and ensemble models to analyze data. They also asked for help in obtaining additional data with three or four features.

Hasham Warrich: They discussed their final project which compares MLP and CNN classification accuracy on a clothing and accessory dataset. They were having some trouble training the CNN but achieved 90% accuracy on the MLP.

Austin Xiong: They aim to predict the level of care needed in ACEMS using multiple features. However, their models have only achieved 65%, and random guesses for hyperparameters sometimes outperform their grid search.