

Weekly Team Meeting: Every Friday

5:00-6:00 PM Our github repo: [acmucsd-projects/wi23-ai-team-1 \(github.com\)](https://github.com/acmucsd-projects/wi23-ai-team-1)

Team Meeting Time: 3/10/23 at 5pm in CSE Basement

Attendees: Arnav Modi Aniket Gupta Steven Shi Vivian Liu Jeffrey Lee Jimmy Ying

What have we done so far

- Increased batch size to 64
- Limited the vocabulary size to 5000 and limited the length of each phrase to 200 words
- Tried using imblearn to fix imbalance (did not work), also tried class weight but the accuracy was decreasing on increasing the weight when the target value was 0

What is the point of this meeting, what are we going to discuss

- Merged all our different versions of the notebook file

What will we do going forward

- Now that we're finished ironing out all the issues, focus on improving the model
- We need to improve the entire pipeline, improve all the steps, not just the model
- Add more useful layers, test around (One Person:) (EVERYONE)
 - Optimizer, Dropout, Dense, Regularizer, Hidden Dimensions, "There's more to it"
 - Experiment with LSTM/GRU layers - Aniket
 - Dropout, Dense, CONV1D - Arnav
 - Dropout (experiment with the values and experiment with sandwiching between layers) - JIMMy
 - Regularizer and hidden dimension layers - steven
- //Look for specifics, all caps, punctuation, heuristic (hard coding a checker)
- Fix class imbalance issue (Arnav does all the work, everyone else "looks into it")
- Get model to predict in all six categories (Steven and Aniket do all the work, everyone else "looks into it")
- Figure out a way to monitor/track the progress
 - Maybe create a spreadsheet
 - Keep track of what works and what doesn't work