

## Individual Final Report for Jonathan Schild

Team 3 sought to emotionally classify Reddit comments and posts over time to enable administrators and moderators to track changes in the sentiments of their online communities. Overall, tasks were well distributed and each team member did a good job collaborating and taking responsibility for various parts of the project. While this lack of dividing up subtasks was good for combining knowledge, skills, and expertise, it also created redundancies in the code and functions as individual contributions often overlapped with others' contributions elsewhere. This made cleaning up final files tedious and potentially damaging to the final application.

Although goals and objectives were not initially allocated to individuals, each team member took on responsibilities as time went on and milestones were achieved. I initiated idea generation by pitching several ideas, including an initial preference for something related to mis/disinformation. After combing for datasets and discussing as a team, we settled on tracking sentiments over time for online discussion forums. To get started as early as possible, I developed and trained the team's first Bert model, building it from the ground up with the assistance of online tools, like ChatGT and Claudi.ai. This initial model established the base structure that was implemented in our other models. I also was responsible for writing the team's code that takes an input model and gets the predictions that are illustrated in our final application.

Finally, while other team members focused on the scraper, visualizations, and the implementation of Streamlit, I got started on the team's final paper and presentation. I crafted the individuals presentation slides, and drafted our first two versions of the final report for group input, editing, and finalizing. From a coding perspective, we wrote our own scrips, improved and built upon each others, and sought assistance from online tools such as ChatGPT, Claude.ai, and copilot when and where necessary. Measuring specific lines of code across all of our scripts when each team member frequently made edits across all of them is difficult.