

Codie Munos

ITAI 2373

News Bot 2.0 Reflection Journal

NewsBot Reflective Journal:

Student: Codie Munos

Course: ITAI237

Project: NewsBot Intelligence System 2.0

Date Due: 8/7/2025

Project Reflection:

I worked independently on this project and I am impressed with how much I was able to complete. This project required me to integrate advanced NLP features, create organized and impactful documentation, keep a professional workspace, and advance a model that I had felt was pretty intense already. This project gave me the most hands-on training that I have had thus far in my schooling.

Key Takeaways:

This project definitely requires days worth of planning ahead of implementing any code. For future reference I will definitely set a large amount of time aside for each stage of a project like this, especially if completing an independent project. I did get to work deeper with my GitHub repository and considerably improved the way I worked with the repository. I am surprised by all the small widgets the platform offers and I played around with them quite a bit to see what I could do to make it look more professional. There are still some minor things that I need to look

further into in order to improve my README file. This project opened my eyes to the extent of possibilities there are with GitHub.

Contributions:

- I planned my approach for this project and decided on the libraries I would need to install in order to enhance the system to a 2.0 bot.
- I implemented each module with debugging, testing, deployment, and documentation to label what the code does for anyone looking at the raw text and for me to keep up with where I was at in the model.
- I enhanced the sentiment analysis of the system along with the classifier.
- I created my repository and updated it as I filled in my project.

Summary of my personal journey:

I went through a lot of frustration throughout this project, from issues with teams then branching out alone, to having many errors while developing my model and having to troubleshoot one part for hours. There was a lot of pain, but much more to gain. This assignment has encouraged me to plan more personal projects to test my limits while I take this next semester off. I will be spending my evenings gaining more skills in this sector in order to come back stronger in January.

GitHub Link:

[Codiemunos-01/ITAI2373-NewsBot-Final-](#)