11/1/23

Which tasks have been completed?

All major components related to coding have been successfully implemented.

The machine learning model has been trained to achieve high accuracy, with some experimentation involving hyperparameter optimization. However, it was determined that default parameters yielded the best results, and they were consequently utilized.

The code has been developed within the Jupyter Notebook, so it should be easy to follow and repeat the results. The dataset utilized for the project had already been cleaned, thus, no further cleaning was performed. A few integrity checks were performed to verify that the dataset was clean.

The trained machine learning model, in conjunction with the TF-IDF vector, has been saved in pickle format, so that it can be loaded and re-used, should the need arise.

Which tasks are pending?

The remaining tasks include the creation of a demo video as per the specified requirements. Additionally, there are pending tasks to be completed for project submission in Github.

Are you facing any challenges?

Initially, the plan was to collect real data by means of web scraping or through APIs from various websites to analyze real reviews. However, the challenge I faced was restrictions in acquiring data from these websites.