

Team Big Data Energy

Sprint 05 Retrospective

1) Inspect how this Sprint went with regards to people, relationships, process, and tools

This sprint was very successful in terms of communication between team members, most team members were paired in groups of two to complete assigned tasks.

For model training we had an outline setup, however, due to the complexity of Tensorflow and the tendency for computer vision applications to be highly system specific, we had to change this mid sprint to use pytorch. This set us back on time but we have a working model now.

2) Identify and order the major items that went well and potential improvements

Creating integration tests went pretty well and we got unit tests for all of our important rest apis.

Setting up Discord events was a good way to see upcoming meetings in the same location for talking about the project.

Communication was good, and Jira tasks had really detailed instructions so understanding tasks and seeing how they played a part in our project was easy.

We switched from Tensorflow to Pytorch and that took a lot of time and research to do, but more research would be helpful to continuing progress

3) Create a plan for implementing improvements to the way your team does its work

We may want to start thinking about and focusing on testing our work and making sure that everything works exactly as it is intended to, especially seeing how we should be wrapping up this project soon. If not this sprint, we should have more of an emphasis on testing for our next sprint.

Since some of the work is related to researching and finding data sets as well as training the model, we need work on showing how work was done and how that affects the progress of the project.

For model training the initial setup should be documented better and if possible, a function created to automatically get the system working. For the new Pytorch training process there's an automated script that sets your system up, that way this problem is avoided in the future.