

Team Name: sdmay21-29

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Report Period: Sept 28-Oct 11

Summary of Progress in this Period

In this period, we began searching for libraries that we could use to develop the graph neural network for our plugin. After identifying some options, we decided to use the Spektral library to do our development. We began work on a simple translation GCN to help us understand what we have to do to make the library work.

Pending Issues

- Experiment with Spektral to understand its API
 - Determine how to encode a graph created out of a sentence
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Plans for Upcoming Reporting Period

In the next period, we plan to find a way to encode the graph so that it can be processed by our GCN, and to begin working on a server that can receive text from the plugin, translate it to code, and return it to the plugin.
