Daily Log

Monday November 18

Today, I worked on getting my BERT example with text classification working. I configured my new GitHub repo and pushed my BERT example into the new repo. Since I already have a git repo for my project, tomorrow I will need to figure out how to keep my files updated in two different locations.

Tuesday November 19

I figured out (with some assistance) how to set up my git remotes so that I'm pushing to two separate repos at the same time – one for class and then the one I'd already had. I edited the documentation on the repos and tested them out to make sure that my updates were going through in both places. Thanks, Dr. White!

I finished watching the lecture video on question answering, which covered the progression of methods in question answering tasks over the last few years. The lecture also discussed the benefits and drawbacks of different systems and data sets. Currently, the best model to build off of is BERT, which I've already started working with and getting familiar with.

SQuAD is one of the best question answering data sets because of the large amount of data and the simple and clear organization of the data. Something I got from the lecture is that the SQuAD data that I'm using has certain limitations – the answers to questions can only be excerpts of the passage and there are no questions that require the system to make inferences.

Thursday November 21

I wasn't in class today because I was teaching Mr. Pollet's class for the day. Thanks for letting me do that!

So, I will write about what I worked on outside of class instead. I worked more on my simple BERT model – testing some classification cases and reading the documentation that pertains to question answering tasks. I started to implement a starter question answering model, and am planning on continuing that next week.

I also continued to work on my GitHub repo, writing documentation for the folders that will be included in my winter goal.

Timeline

Date	Goal	Met
Sunday Nov 17	Work on finding more sample models using BERT and figure out how to implement them.	Did that :)
Sunday Nov 24	Begin to implement a model for question answering.	Yes
Sunday, Dec 8	Finish my GitHub documentation for my code up to this point. Have a basic BERT model on GitHub with clear instructions on how to use it.	
Winter Break Goal	Implement a basic question answering model based on BERT. Planning on basing it off of previously implemented models and guides.	

Reflection

Overall, it was a pretty productive week! I made progress with my BERT implementation and was able to run a few simple tests using text classification based on BERT. I also made progress with my GitHub repo – I figured out how to link my existing repo to my school one, and I began to write the documentation for my project.