

Journal Report 9

11/11/19-11/17/19

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Period 4, White

Daily Log

Detail for each day about what you research, coded, debug, designed, created, etc. Informal style is OK.

Monday November 11

I began sorting my data into something more manageable. I'm starting with one variable at a time, because that's easier to handle (ie, just temperature or just wind speeds). I think for the final one, I'll just combine many of the small ones.

Tuesday November 12

I created a GitHub repository in the classroom, and worked on getting all of my files on GitHub. The temperature one just ran for a really long time, but didn't output anything intelligible. I think I'll revert back to a previous version and work from there.

Thursday November 14

I went back to the sine function LSTM. I'm working on getting that working, this time without the Tagger, as the Tagger doesn't really make sense for time dependent variables.

Timeline

Date	Goal	Met
11/8	Begin training on meteorological data	No
11/15	Begin training on meteorological data	Not quite, but close
11/22	Have an LSTM ready to be trained on data	No
11/29	Successfully predict the temperature	
12/6	Finish other variables	
Winter Goal	Have a full set of results with 75 percent accuracy.	

Reflection

So I think I have a plan to meet my winter goal. The new LSTM structure I wrote should be able to handle the temperature data and give me some kind of output. Then, it'll just be a matter of combining different LSTM's to produce a comprehensive set of predictions.