Youtube link: https://youtu.be/2TpY0OFuNe0

To run my GUI, first install all the necessary packages. Here is a list of things I've installed on the Ubuntu machine to make my GUI work.

use python3
apt-get install python3-tk
install python3 pip
anaconda(miniconda)
install tensorflow
conda install pandas
pip install matplotlib
pip install keras

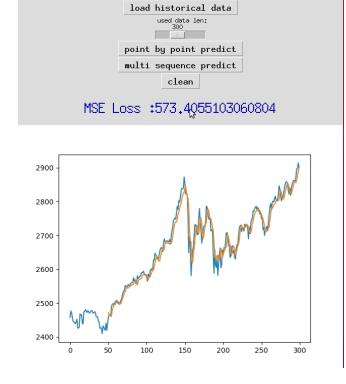
Steps for running my GUI:

stock price predictor

- 1. Type "python GUI_stock.py" under the GUI folder, which includes data, trained models and some python scripts, to start running.
- 2. Click the load historical data button, then the loaded price would be shown.
- 3. You can choose a length of data to be used.
- 4. To predict, you have two options: point by point predict and multi sequence predict. Choose one then the prediction will also be displayed.

I'm still working on the project P3 comment "be able to select the number of days we want to make prediction for". Other suggestions had been completed.

The tests and demos were done on a virtual machine running Ubuntu 16.04.6 LTS.



LSTM Predicting S&P500 price

