

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.

1. use python3
2. apt-get install python3-tk
3. install python3 pip
4. anaconda(miniconda)
5. install tensorflow
6. conda install pandas
7. pip install matplotlib
8. pip install keras

Steps for running my GUI :

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.

