Getting data, organizing it, and executing a trade is the goal of this program.

Getting the data into a data frame with the following index and column values is the first step:

-Date, stock, price, vol, TI

From this an activation function would sort the max values for vol, find specific ranges for prices of stocks, and search through a list of stocks that fit these conditions. Going a step further TI for these stocks can set trigger signals for when to buy and when to sell for our trading algorithm.

The activation function would then provide our execution function the values necessary to place a trade.

For the execution phase once the Ameritrade API is authenticated to run we can place orders on selected stocks.

Analyzing the whole process as it currently stands, it is clear a few things are in order:

-Timing the flow of data frames to signals to execution