StoneCorp

The great financial powerhouse StoneCorp has collected data from the last 159 months the stock market was in session. The data is organized in a csv file called StockTrain.csv. They want you to take this data and train an ensemble algorithm to recommend:

0	Hold assets		
1	Buy 10% more stock		
2	Buy 25% more stock		
3	Buy 50% more stock		
4	Sell 10% of stock		
5	Sell 25% of stock		
6	Sell %50 of stock		

You have total control on the type of ensemble. It could be a random forest, bagging with softmax, or a voting classifier with these two or more classifiers (anything). It is up to you to save the company! When you are satisfied with your training model turn in your code and my assistant will run it on the next three months of financial activity. We will let you know if you still have a job at the end of this time.