

1. Finance thing: predicting directionality from historical volatility vs. price data (?)
 - a. Logistics: data from Bloomberg terminal or other online historical index. FX markets
 - b. Almost certainly has already been tried or implemented. Fairly straightforward supervised learning... unless I can think of some other way to implement unsupervised methods.
2. Handwriting imitator
 - a. Completely unsure of feasibility. Also would have to obtain a huge sample of someone's handwriting, probably mine.
 - b. Pretty cool...
3. Fusion optimization
 - a. I have a ton to learn about this before I could do a project on it