**Meeting Minutes, 19 April 2018**

**Milestones:**

1. Successful replication of currency spectral clustering paper as part of ML project group, initial interesting insight from applications to crypto currency data
2. Revised our trading strategy with the following requirements:
   1. Single Entry and Exit points of 2 standard deviations and 1 standard deviation, respectively
   2. Requirement that entry and exit points are assessed economically in regards to trading costs to enter and exit for a particular exchange (.60% \* 2 = 1.2%, therefore a trade entering and exiting a 2 to 1 standard deviation spread must be able to earn at a minimum 1.2%)
   3. Focus on only single currency pairs trading for a given account (specifically, the algorithm will assess which standard deviation with a given currency pair is the most significant and enter a trade accordingly, with both currencies “engaged”, 100% of the funds in either account will be tied up such that no other pairs may using either of the two engaged currencies may be utilized

**Next Steps:**

1. Implement adjustments to the trading model based on the above strategy
2. Think on how to adjust for open positions that have not yet closed past a certain time limit and the decision to close a position to open another when the market dictates it (without overcomplicating the model)
3. Think on how to manage short exposure (not an issue in non-margin accounts, however as a short position will only go to 0)
4. Thinking about bid-ask spreads that may also complicate forming perfect hedges between entering a long and entering a short

Andrew:

* 1. Looking for cleaned up hourly data for exchange rate information on Kaggle and similar websites