Project 3: Check In

1. Key pieces from feedback:
    a. One feedback that we think is important to consider is about the price of crypto currency, it will be influenced by external factors(like regulation), that would potentially influence the accuracy of prediction. Thus, we discussed together and came up with two possible solutions to solve the problem.
        i. We plan to compare prices with other crypto currencies' prices. Based on the comparison result, if the price fluctuates greatly(goes up or down very big) at the same time. To reduce the factor, we are going to delete that data in the period of time.
        ii. We plan to use the old crypto currency data to do the prediction(like data from 2013), because at that time, crypto currency was not as popular as it is right now. Therefore old data will be less likely to be influenced by external factors.
        iii. In addition to that, since our data is in units of days and records the change in price per minute, we could also manually choose a day (or couple days) that crypto currency prices didn't have very big change, so that the model will not be influenced by regulation.

2. Update for the project
    a. Right now we are using traditional machine techniques(like logistic regression, random forest, SVM) to do the prediction. We are going to see the result and accuracy. If the accuracy is not high enough, we plan to use neural networks like CNN, RNN, LSTM to do the prediction.
    b. Also, when doing the project, we realize some features are not important in prediction(or have very small effect on accuracy). Therefore, we plan to do some preprocessing on our data.