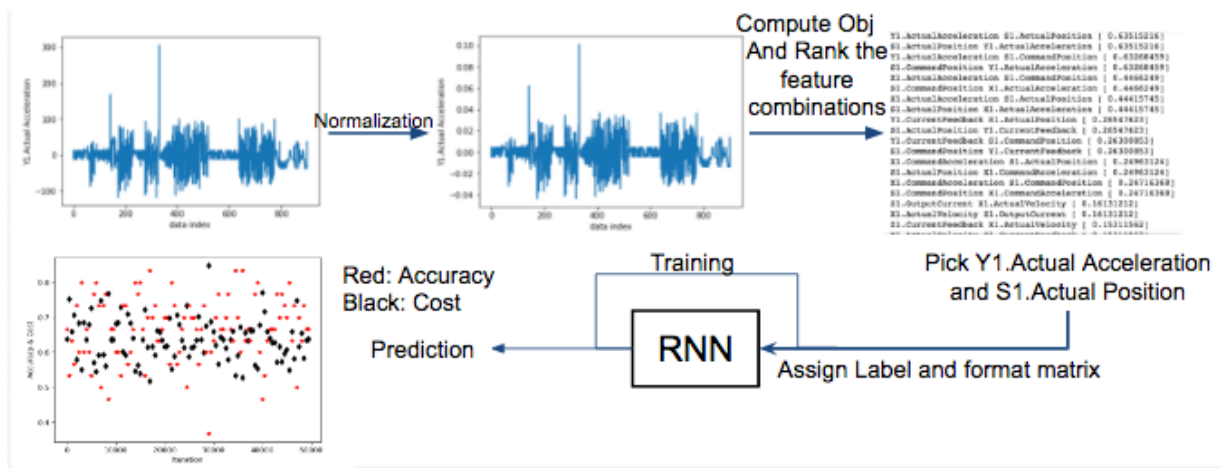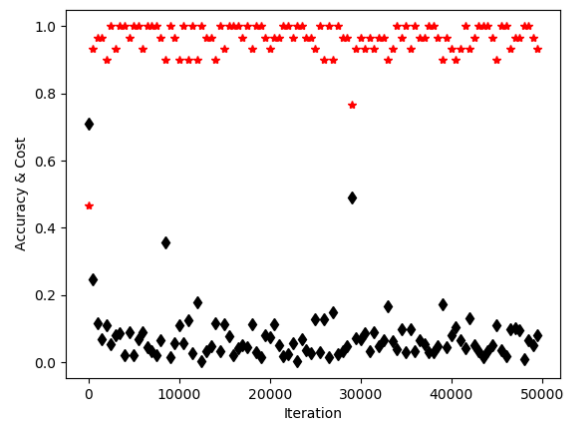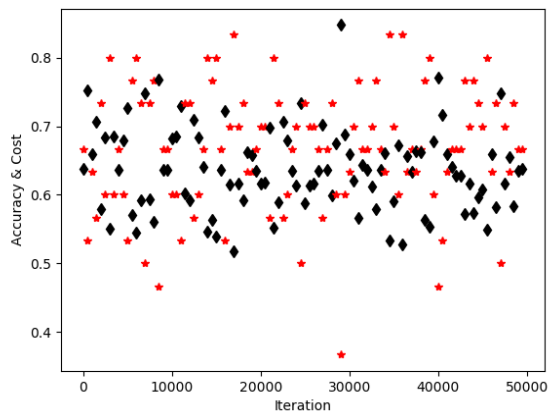Chenjun Yang

November 10, 2017

Weekly Report

What I did:

- Complete the whole workflow:

    - Raw data → Normalized data → time series data combination → object value ranking → LSTM

- Learned and write Recurrent Neural Network with Long Short Term Memory to classify time-series data.

- Trained and tested RNN

    - Good at NLP word: order matters

    - Good at store long term memory

    - 50000 iteration, 2 feature, 70.0%

    - 50000 iteration, 45 feature, 96.7%

Goal for next week:

- Continue improving accuracy on LSTM