F18 Semester Summary

Xingyu Fu
1. Constrained Sequence-to-Sequence Classification for Semitic Root Extraction w. Ahmed
   - Extracts roots better than state-of-the-art on Arabic and Hebrew.
   - Introduce modification of sequence-to-sequence model for multi-class classification.
   - Works really well when input and label share the same semantic space / label space is sequential.

2. Sentiment synonym w. Jingbo, Jieryu (Ongoing)
   - Seeks to tell apart nearest neighbors found by embedding methods that have opposite sentiment polarities.
   - Group words that are both semantically similar and have close sentiment polarities as synonym.
Work

1. DARPA Project: SocialCube
   - Helped in Taxonomy construction.
   - Ran TaxoGen on Github, Twitter, and Reddit data.

2. IAI Project
   - Helped in data searching and collection.
Thank you :D