11-15-20 Leeds Status Report

Weekly status report for Nov 15-Nov 22

Scope	Schedule	Cost	Risks	Quality

Key Performance Indicators

- **Schedule:** ON SCHEDULE
  - Schedule Variance: 0 Days
  - Percent complete : **45%**
- **Labor:** ON BUDGET
  - Labor hours: 12 hours/person
- **Administration:** COMPLETE
  - Sponsor meeting, group meeting, attendance, hour log

Summary

For this week, we mainly focused on creating the class project presentation : https://youtu.be/Wpjq70gm04s. Since we could not meet and film something together, we separated slides by person and each person filmed individual videos for the slides which were all edited together to create the final product. In regards to work on our project we were able to download Trump's tweets from 2009-2020. We ran basic bigram matching between tweets and shows an hour before/after. This was not super effective and are now looking into comparing the tweets and shows by sentence encodings. Also, we are in communication with the summit cluster help desk to fix the problems of only being able to use one core while running the program.

Work planned for this week

- Film videos for presentation , CAP-68
- Cut and edit video together, CAP-69
- Iron out the issues for running the software on cluster
- Download at least 3 years worth of tweet data for Trump

Work completed this week

Class Project Presentation

Link: https://youtu.be/Wpjq70gm04s

Make Docker Compatible with the cluster

Communicating with help desk to fix our issue of only being able to use one core

Investigate Trump and fox news correlation

Downloaded big database of Trump's tweets from 2009-2020

> The results of running bigram comparisons did not give us much insight into what we wanted to see and many of the ones that showed correlation between tweets and shows were using bigrams in the wrong context.

> We are concerned that this is not the best way to do comparisons so we are trying to create sentence encodings that can find similarity in text when the content is about the same thing but the words are different. This hopefully will reveal a trend that we are looking for.

Plans for next week

- We are taking next week off for Thanksgiving

Open Issues

Deliverables and Milestones for sprint (10/6 to 10/20)

Deliverable or Milestone	WBS	Planned	Forecasted	Actual	Status
Complete class presentation video	CAP-68 CAP-69	11/22/20	11/20/20	11/22/2-	Complete

Open Change Requests

Change Request Name	Change Request Number	Requested Date	Current Status