

CAE Research Project Meeting Minutes

6/14/2021

- Participants
 - Dr. Waleed Farag (PI)
 - Dr. Soundararajan Ezekiel (Co-PI)
 - Dr. Xin-Wen Wu (Co-PI)
 - Maria Balega
 - Alex Robbins
 - Alicia Deak
- Meeting started at 5:00 p.m.
- Unanimously approved minutes for meeting on June 7, 2021
- Main Points
 - Discussed:
 - Maria
 - Ran multiple datasets on xgboost algorithm with different parameters
 - Had some issues normalizing dataset, used Python normalization function to attempt to solve this
 - Ran Mirai34 dataset file again and measured time, changing parameters such as max depth for training
 - Results have been summarized in spreadsheet files
 - Alicia
 - Obtained some results from running SVM on datasets other than Mirai
 - Xgboost is working better for some datasets, SVM is working better for other datasets
 - Tasks:
 - Maria and Alicia
 - Work on TSNE
 - Remember to record CPU time while running algorithms on different datasets
 - Work on running size 10 million dataset file
 - Documentation of work
 - Keep visualization of results in mind (making plots for final report)
- Adjournment at 5:40 p.m.
- Next meeting will be held on Monday June 21st at 5 p.m. via Dr. Farag's Zoom room