

CAE Research Project Meeting Minutes

8/10/2021

- Participants
 - Dr. Waleed Farag (PI)
 - Dr. Soundararajan Ezekiel (Co-PI)
 - Maria Balega
 - Zaryn Good
 - Alicia Deak
 - Franklin May
- Meeting started at 12:00 p.m.
- Unanimously approved minutes for meeting on July 26, 2021
- Main Points
 - Discussed:
 - Maria and Alicia
 - Ran IoT23 datasets in SVM and XGBoost without binary classification, got accuracies up to 99.99%
 - Looking into other IoT datasets
 - Zaryn
 - Ran various datasets through image conversion
 - Franklin
 - Ran various datasets using SVM, XGBoost, t-SNE and averaged the results
 - Tasks:
 - Maria and Alicia
 - Analyze IoT23 datasets and XGBoost code, data samples are not balanced
 - Continue searching for a labeled IoT dataset with publications to compare results
 - Work on generating a synthetic IoT dataset
 - Zaryn
 - Work on running IoT23 datasets through image conversion
 - Get script for histogram
 - Franklin
 - Work on running IoT23 datasets through SVM, XGBoost, t-SNE and averaging results
- Adjournment at 12:45 p.m.
- Next meeting will be held on Monday August 16 at 12 p.m. via Dr. Farag's Zoom room