

Minutes ARM ZTA Meeting

Tuesday 9 January 2024

Meeting begun at 11 am

Participants

- Dr. Soundararajan Ezekiel
- Dr. Xin-Wen Wu
- Dr. Waleed Farag
- Samuel Moffat
- Micah Sherry
- Justin Benedict
- Nicholas Reid

Progress Report

- Micah
 - Working on Matlab acct. transfer
 - Folder with code, classifications and graphics for all tests on OneDrive
- Sam
 - Got data livestreaming on Kafka
- Justin
 - Finished SVM algorithm (mid-80s accuracy)
 - Finished documentation for XGBoost
- Nick
 - Working with Sam on Zeek/Kafka
 - SSH issues fixed

Talking Points

- Request @iup.edu acct for armzta for Matlab license
- Need to begin communicating better amongst students and with faculty
- Start creating deadlines 2-7 days at a time
- Fans put in 306 to cool off Calypso, Atlas
- Update meeting with Dr. Ezekiel on Friday
- Payday/time due monday

Tasks

- Micah
 - Renaming folders, adding readmes, general clean up of OneDrive folder
- Sam
 - Take care of HR paperwork
 - Get .edu account to move Matlab over from Micah's account (work with Dr. Farag)

- Consumer scripts for Kafka data to MLAs due Friday night w/Dr. Ezekiel
- Delegate creating meeting progress/explanation documents, visualization for future meetings
- Justin
 - Visualize/document results from XGBoost/SVM
 - Clean up data to get SVM working better (converting data types)
 - Begin testing DCNN, code from Micah (modify/train/run/document, no re-writing!!!)
 - Working with Sam and Nick on testing live data against existing models, automated reworking of models
 - Sub-tasks to be determined in subsequent student meeting
- Nick
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Meeting adjourned at 12 pm

Next Meeting Friday, 19 January 2024 at 10 am