

Participants

- Dr. Waleed Farag (PI)
- Dr. Soundararajan Ezekiel (Co-PI)
- Dr. Xin-Wen Wu (Co-PI)
- Maria Balega

Meeting started at 5:00 p.m.

Unanimously approved minutes for meeting on June 21, 2021

Main Points

- Discussed:

Maria

Ran the Mirai35 dataset with 10 million lines in XGBoost and got accuracy of 99.99%

Had issues with missing values as dashes and changed them to blanks

Added metrics including precision, F1, and recall

- Tasks:

Maria

Run a different IoT23 capture in XGBoost that isn't dominated by DDoS attacks

Work with Adam to learn autoencoder

Work with Alicia to run datasets in SVM to see comparison of results with XGBoost

Meet with new students and train them for GenCyber

Adjournment at 6 p.m.

Next meeting will be held on Wednesday July 7th at 12 p.m. via Dr. Farag's Zoom room