Status Report
3/30/2023
TEAM RAD
Real-time Anomaly Detection

This Week's Achievements
- Test SageMaker model with testing and validation data
- Convert data preprocessing and endpoint invoking to a lambda function.

This Week's Goals
- Set up Scapy packet data to stream to kinesis firehose, to both store and send to the lambda function.
- Test neutral network traffic against the endpoint
- Completed one "Evil" simulation machines

Overall Goals
- Implement packet capture with python Scapy and output data as CSV string buffer to Lambda
- Finish code for more VM "Evil" simulation machines

Expo
- AUROC - ROC curve on validation and testing data -> to s3