Status Report
2/2/2023
TEAM RAD
Real-time Anomaly Detection

This Week's Goals
- Research simulated network traffic through the use of a private network of virtual machines
- Set up and run the machine learning model on a linux distribution

This Week's Achievements
- Working on code with use of kali linux virtual machines to set up a single virtual machine server to then simulate web traffic on with other virtual machines
- Set up Linux Dev environment for the cuda functionality of the machine learning model

Next Week's Goals
- Finish inference file for testing and test it with sample bad and good data
- Finish code for VM server and VM "friendly" simulation machines
- Inference Demo -> slack
- VM network Demo

Notes:
- Statistical analysis of traffic
- Measuring metrics
- Flowcharts and diagrams for expo?