Status Report
2/9/2023
TEAM RAD
Real-time Anomaly Detection

This Week's Achievements
- Made a simple client server VM prototype.
- Loaded and ran ML model on jupyter notebook, got stuck with handling the forward function and how to process neural networks with VAE.

This Week's Goals
- Finish inference file for testing and test it with sample bad and good data
  - **Did research for neural network models and what they require for inference and have the model loaded and running on a jupyter notebook**
- Finish code for VM server and VM "friendly" simulation machines
  - Will continue generating more friendly simulated network traffic
- Inference Demo -> slack
  - **(no demo)**
- VM network Demo
  - **(simple VM demo)**

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

Action Items:
- Send inference sample over Slack
- Get VM's fully functioning with "friendly traffic" w/ traffic load metrics