DEPI Graduation Project 🎓

real-life analysis simulation

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1. Key Objectives:

- Develop a prototype of a Security Operations Center (SOC) system focusing on real-time threat detection, incident response, and vulnerability management.

- Integrate machine learning models for anomaly detection and automate certain response actions.

- Create a user-friendly dashboard for monitoring and reporting security events.

2. Future Steps:

- Enhance the system with additional security features such as automated incident escalation and advanced threat intelligence integration.

- Improve the machine learning model with more data for better accuracy in threat prediction.

- Scale the prototype for larger environments and conduct further testing in real-world scenarios.

This project aims to provide a comprehensive SOC solution and contribute to the development of a skilled workforce capable of efficiently handling cybersecurity operations.