AI Intrusion Detection System

Brainstorming Map

1. System Architecture:

Centralize the AI-enhanced IDS at the core of the map.

2. AI Algorithms:

Highlight machine learning, deep learning, or other AI techniques used for analysis.

3. Detection Models:

Detail anomaly detection, signature-based detection, or behavioral analysis models.

4. Alerting and Reporting:

Connect to alerting mechanisms, reporting tools, or dashboards for security personnel.

5. Response Mechanisms:

Show how the system responds to threats, such as blocking, isolating, or quarantining.

6.Data Storage:

Include databases for storing historical data and model training.

7.Compliance and Regulation:

Consider components related to regulatory compliance and data protection.

8.Scalability and Resource Management:

Display components related to handling increasing data and system resources.

Team 1.5