Data Flow Diagram

Overview

The Data Flow Diagram (DFD) represents the flow of data within the real-time security intelligence system.

Data Flow Process

1. Data sources (logs, network traffic, endpoint activity) provide raw security information.

2. The Threat Intelligence Engine processes the incoming data for potential threats.

3. AI-based anomaly detection and the SIEM system analyze security events in real-time.

4. The Automated Response System triggers appropriate security measures based on detected threats.

5. Mitigation actions include blocking malicious activity, alerting security teams, and isolating affected systems.

Diagram Representation

The diagram illustrates the interactions between these components.