**Project Design Phase-II**

**Data Flow Diagram & User Stories**

**Date :** 30 April 2025

**Project Name** – AI-Based Threat Intelligence Platform

**Maximum Marks** -4 Marks

**Data Flow Diagrams:**

A Data Flow Diagram (DFD) is a traditional visual representation of the information flows within a system. A neat and clear DFD can depict the right amount of the system requirement graphically. It shows how data enters and leaves the system, what changes the information, and where data is stored.

**DFD Level 0 (Industry Standard) :**
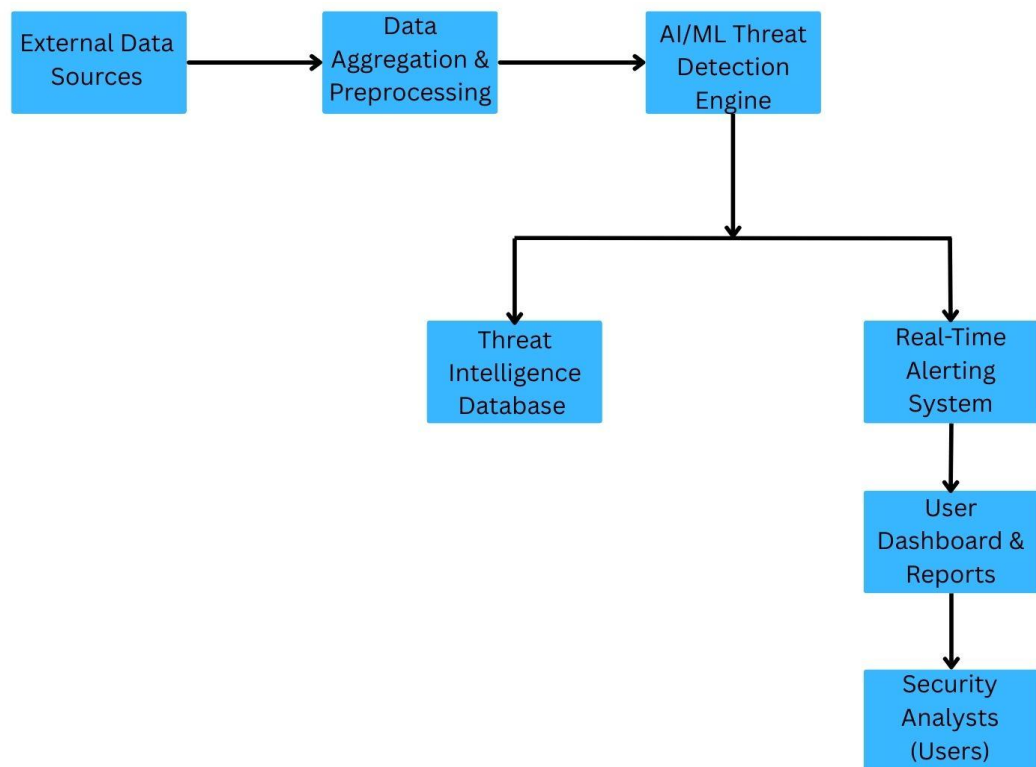
- **User Stories**

| User Type | Functional Requirement (Epic) | User Story Number | User Story / Task | Acceptance Criteria | Priority | Release |
|---|---|---|---|---|---|---|
| Security Analyst | Threat Monitoring | USN-1 | As a security analyst, I can view real-time alerts for detected threats | Alerts appear instantly upon detection | High | Sprint-1 |
| Security Analyst | Threat Reporting | USN-2 | As a security analyst, I can access and download threat intelligence reports | Report is available in PDF format | High | Sprint-1 |
| System Administrator | Data Source Configuration | USN-3 | As a system admin, I can configure and add log sources for threat analysis | Logs appear in the backend system | Medium | Sprint-2 |
| Security Analyst | Alert Management | USN-4 | As a security analyst, I can mark threats as false positives or confirmed attacks | Tags are saved and displayed correctly | Medium | Sprint-2 |
| Maneger | Risk Overview | USN-5 | As a manager, I can view an executive summary of high-level threats and risk scores | Dashboard shows key risk summary | High | Sprint-1 |
| Security Analyst | Dashboard Visualization | USN-6 | As a security analyst, I can use filters to view threats by type, severity, and date | Filtered data appears correctly | Medium | Sprint-2 |

| Analyst | Threat History Search | USN-7 | As an analyst, I can search historical threat data using keywords or threat ID | Results match the entered search terms | Low | Sprint-3 |
|---|---|---|---|---|---|---|
| Security Analyst | Report Export | USN-8 | As a security analyst, I can export dashboards and visual reports for presentations | Exported file is accurate and formatted | Low | Sprint-3 |