Data Flow Diagram (DFD) - Level 1

```
┌──────────────┐        ┌──────────────┐
│ Incident Data│        │     User     │
│   Sources    │        │              │
└──────┬───────┘        └──────┬───────┘
       │                       │
       ▼                       ▼
┌─────────────────────────────────────┐
│ Data Ingestion and Processing        │
│ (Scraping)                           │
│   -  Scrapes data from external       │
│      sources                          │
│   -  Stores incident data in Incident│
│      Database                         │
└──────────────┬──────────────────────┘
               │
               ▼
┌─────────────────────────────────────┐
│ Incident Management Process          │
│   o  Processes incidents             │
│   o  Classifies incidents using ML   │
│      model                           │
│   o  Stores processed incidents in   │
│      Incident DB                     │
└──────────────┬──────────────────────┘
               │
               ▼
┌─────────────────────────────────────┐
│ Machine Learning Model               │
│   o  Analyzes and classifies         │
│      incidents                       │
│   o  Provides predictions or severity│
└──────────────┬──────────────────────┘
               │
               ▼
┌─────────────────────────────────────┐
│ Alert Generation Process             │
│  o  Generates alerts based on        │
│     incident severity                │
│  o  Sends alerts to users            │
└──────┬──────────────────────────────┘
       │
       ▼
┌──────────────────┐   ┌──────────────┐
│ Incident Database│◄─►│ User Database│
└──────┬───────────┘   └──────┬───────┘
       │                      │
       ▼                      ▼
┌─────────────────────────────────────┐
│ Report Generation Process            │
│  o  Generates reports for users      │
│  o  Stores reports in Report Database│
└──────────────┬──────────────────────┘
               │
               ▼
        ┌──────────────────┐
        │ Report Database  │
        └──────────────────┘
```