Cybersecurity Incidents Summary Dashboard

This Power BI dashboard provides a visual summary of cybersecurity incidents, helping users quickly understand patterns in attack types, severity levels, and time-based trends.

Project Overview

This project simulates real-world incident reporting using a fictional dataset of cybersecurity events. The goal is to showcase how dashboards can help security teams identify and respond to critical threats.

Key Features

- Summary of incidents by **attack type** (e.g., Malware, Phishing)
- Classification of incidents by **severity level** (Critical, High, Medium, Low)
- **Time-based trends** to track spikes in threats over specific dates
- Event log table showing **event IDs and descriptions**

Insights Gained

- Phishing and Malware are the most frequent attack types
- A high number of **critical and high-severity** threats were observed
- Notable spike in activity on **September 4th**
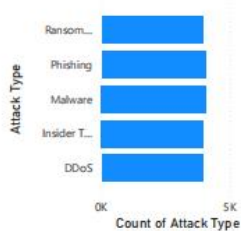
Tools Used

- Power BI Desktop
- Fictional CSV dataset (manually cleaned and pre-processed)

Dashboard Preview

Cybersecurity Incidents Dashboard

Visual summary of threats, severity, and trends over time

Count of Attack Type by Attack Type

This dashboard analyzes cybersecurity incidents by attack type, severity, and time of occurrence. It helps identify the most common threats and highlights when incidents are most likely to spike.

Key insights:
- Phishing and Malware are the most frequent attack types.
- Critical and High severity levels dominate the threat landscape.
- Incident activity peaked significantly on September 4th."

Count of Attack Severity by Attack Severity

Attack Sev...
- Low — 5.07K (25.37%)
- High — 5.05K (25.27%)
- Critical — 5.03K (25.13%)
- Medium — 4.85K (24.25%)
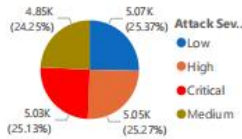
First Attack Severity and Earliest Date by Attack Type

Ransomware	Phishing	Malware

Insider Threat	DDoS

Recent Incident Log (Event ID)

00094edf-1dcd-4eb1-954a-da0c147421a6
0013a77d-9b53-47bd-b4af-e978eb84783a
0018a8d5-7e1a-4991-bfa3-f7ca03316e82
002b132a-f438-40ff-86d9-e697c7733b0d
004ffcbd-f2dc-45c6-8ee9-c622ba2e3ab5
00525b14-3cbe-43a8-9bd5-32b57141a35d

Count of Event ID by Month and Day

January

Dashboard By Efuetlateh Joan N. July 2025

Created By

Joan Nkemnji
Date: **July 2025**