

Skyline Innovations Corp

Q3 Cyber Threat Analysis: Unveiling Patterns and Trends

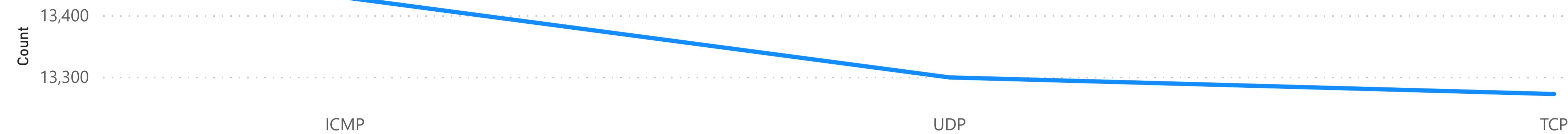
Utilizing our cyber attack data, Power BI empowers us to craft insightful visualizations for data-driven decision-making. This dashboard analysis aids upper management in pinpointing vulnerabilities and proactively fortifying our security infrastructure. Throughout this analysis, we will be examining network data, security data, geographical information, and user data to gain comprehensive insights.

Disclaimer:

Please note that Skyline Innovations Corp, the organization showcased in this project, is a fictional entity created for demonstration purposes. Using the free version of Power BI, I am limited in the features that I can access; however, please keep in mind the insights presented are based on the available data and tools. The data presented in this report has been sourced from Kaggle and is accessible via the following URL:
<https://www.kaggle.com/datasets/teamincribo/cyber-security-attacks>

Network Traffic Analysis

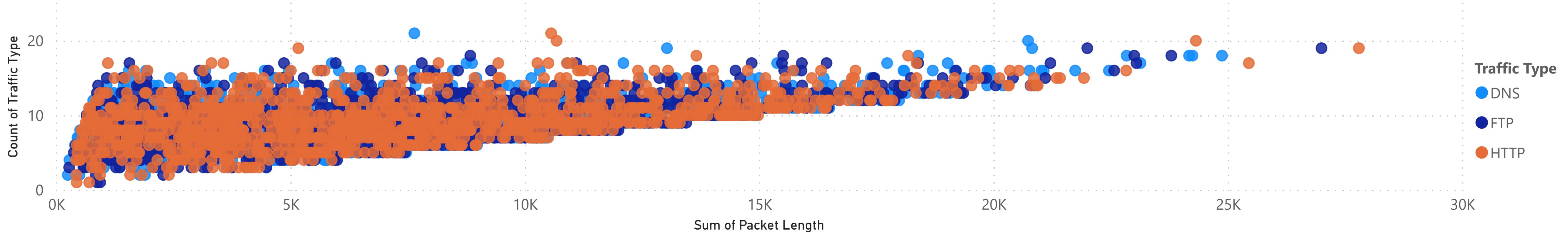
Protocol Network Traffic Trend



Traffic Types

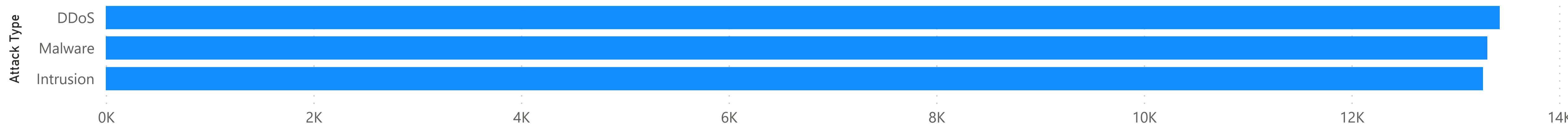


Packet & Traffic Analysis

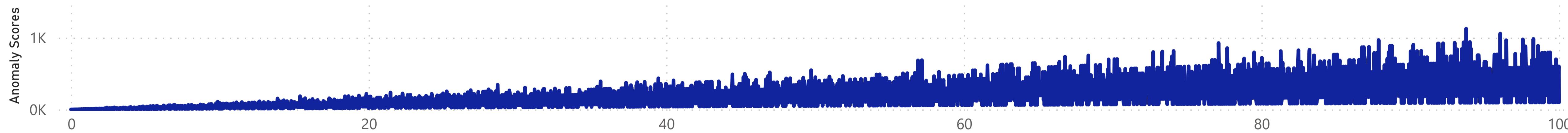


Security Incident Dashboard

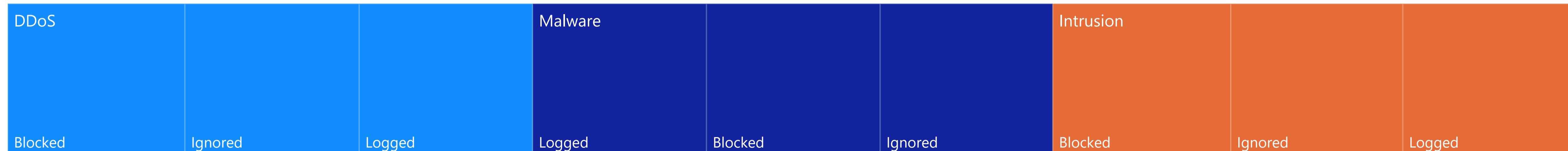
Attack Types



Anomaly Chart Time Series



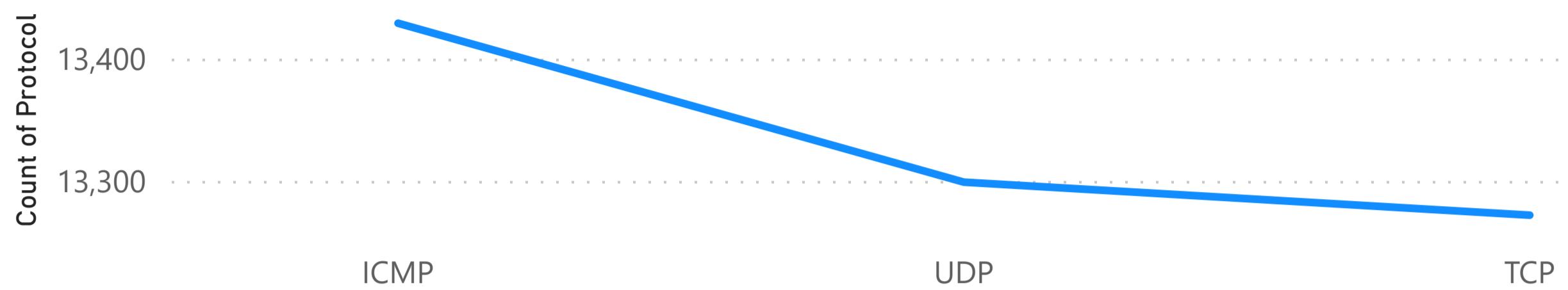
Count of Severity Level by Attack Type and Action Taken



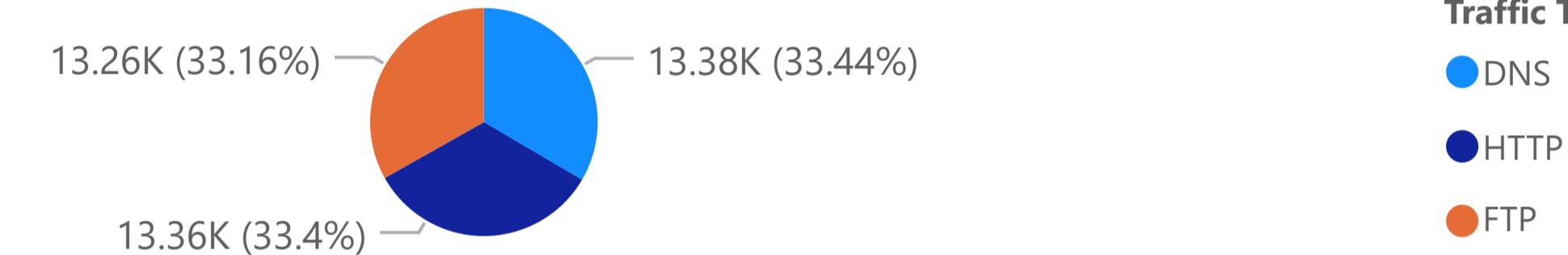
Summary Dashboard

Network Traffic Analysis

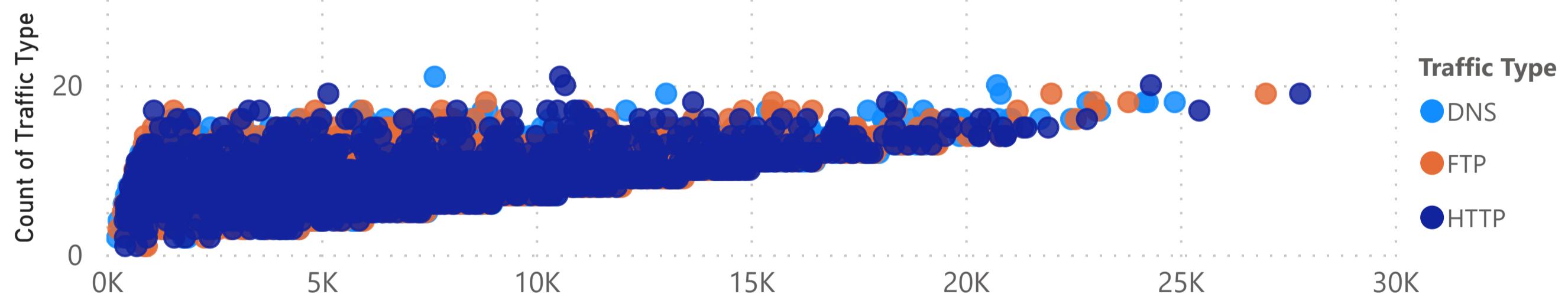
Network Traffic Protocol Trend



Network Traffic Types



Packet & Traffic Analysis



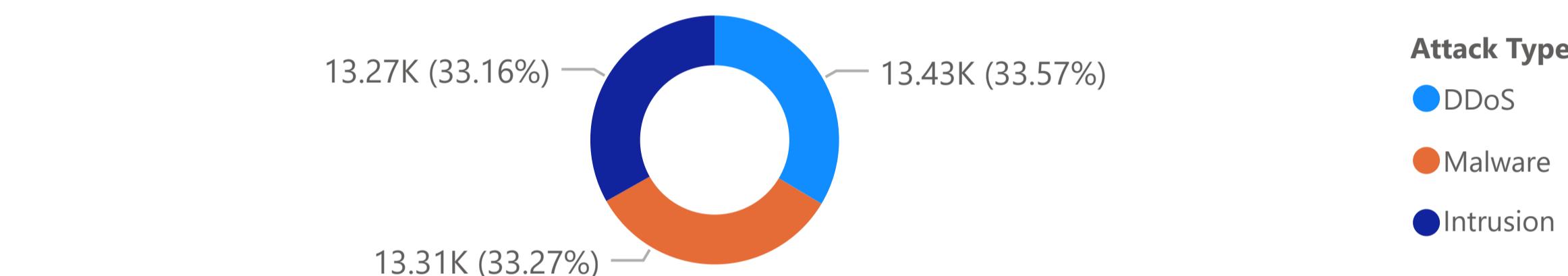
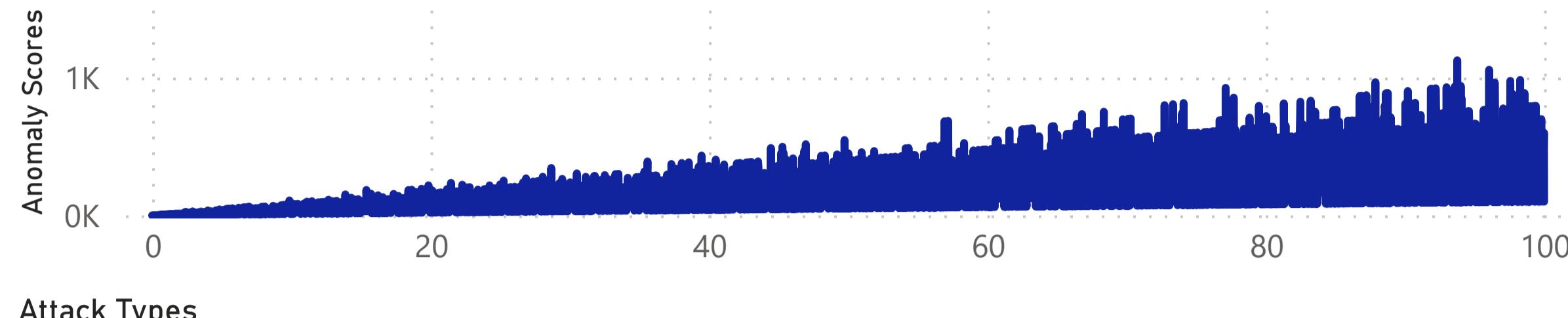
User Information

Device Information

User Information	Device Information	Geo-location Data	Source IP Address	Attack Type	Severity Level	Action Taken	Attack Signature
Vidur Basak	Mozilla/5.0 (Android 1.0; Mobile; rv:14.0) Gecko/14.0 Firefox/14.0	Visakhapatnam, Haryana	34.189.195.229	DDoS	Low	Ignored	Known Pattern B
Jhanvi Banerjee	Mozilla/5.0 (Android 1.0; Mobile; rv:19.0) Gecko/19.0 Firefox/19.0	Silchar, Andhra Pradesh	43.28.45.234	Intrusion	Medium	Logged	Known Pattern B
Chirag Kalla	Mozilla/5.0 (Android 1.0; Mobile; rv:30.0) Gecko/30.0 Firefox/30.0	Berhampur, Meghalaya	70.104.127.187	Intrusion	Low	Ignored	Known Pattern A
Diya Lall	Mozilla/5.0 (Android 1.0; Mobile; rv:30.0) Gecko/30.0 Firefox/30.0	Patiala, Haryana	97.104.87.204	Intrusion	Low	Ignored	Known Pattern B
Riaan Balan	Mozilla/5.0 (Android 1.0; Mobile; rv:37.0) Gecko/37.0 Firefox/37.0	Indore, Himachal Pradesh	171.37.224.174	Intrusion	High	Ignored	Known Pattern A
Nichith Lanke	Mozilla/5.0 (Android 1.0; Mobile; rv:40.0) Gecko/10.0 Firefox/10.0	Munger, Meghalaya	166.170.166.16	Intrusion	Low	Ignored	Known Pattern B

Security Incidents

Anomaly Chart Time Series



Geo-Location Attack Types

