Executive Overview
High-level security status at a glance

30.00K
Total Traffic

5937
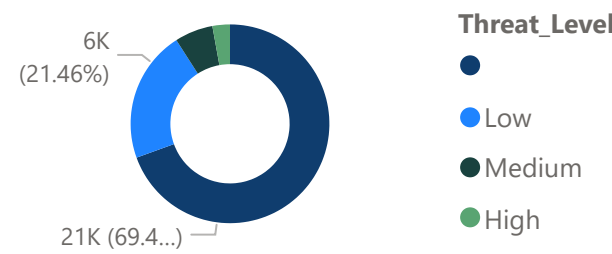Total Attacks

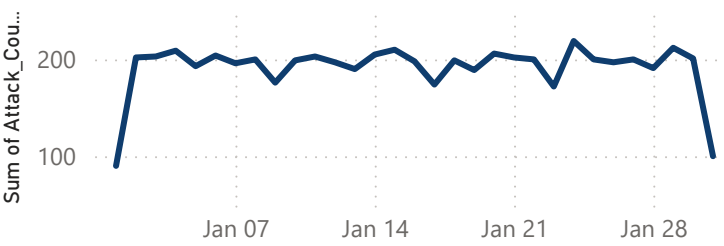**19.79**
Attack Rate

26.03
Average Threat Score

Threat Level Distribution

6K
(21.46%)

21K (69.4...)

Threat_Level
- (dark blue)
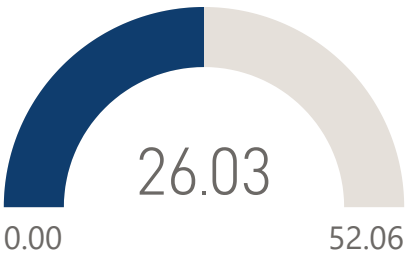- Low
- Medium
- High

Daily Attack Trends

Top Attack Countries
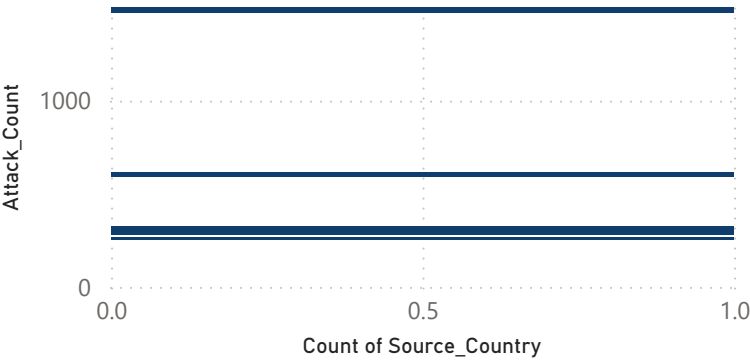
Current Threat Leve

26.03

0.00   52.06

Controls & Filters

Threat_Level

All

Date

Last   1   Select

No filters applied

Real-Time Monitor
Simulate live network monitoring

Real-Time Traffic & Attacks

● Sum of Flow_Count ● Sum of Attack_Count
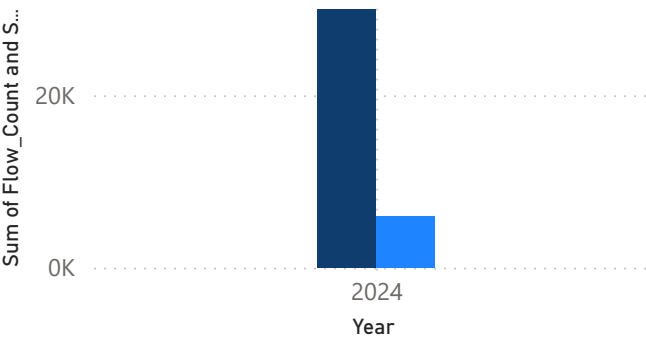
Global Attack Origins

Attack_Count ● 162 ● 173 ● 254 ● 585 ● 610 ● 875 ● 1486 ● 1792

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Recent Attack Summary

Year	Sum of Attack_Count	Count of Attack_Rate
⊞	5937	10
⊞ 2024	5937	10
Total	**5937**	**10**

Threat Severity Funnel

100%

	8
High	8
Low	8
Medium	8

100%
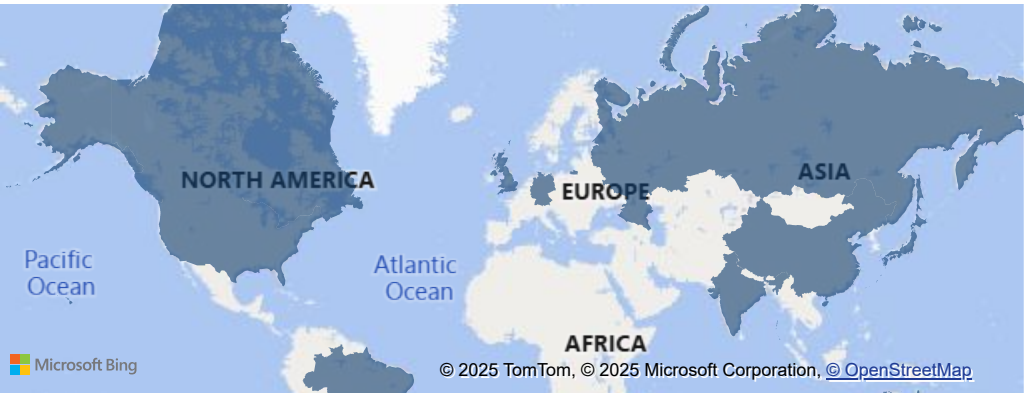
Hour

All ▾

Protocol

☐ DNS
☐ FTP
☐ HTTP
☐ HTTPS

Source_Country

☐ Australia
☐ Brazil
☐ Canada
☐ China
☐ Germany

Threat Intelligence
Analyze attack types and patterns

Score vs Volume

Attack_Count ● 262 ● 285 ● 291 ● 292 ● 303 ● 317 ● 601 ● 610 ● 1481 ▶

Threat Progression

● Increase ● Decrease ● Total

Count of Attack_Type by count and severity

Hour vs Day

Day_of_Week	0	1	2	3	4	5	6	7	8	9	10	11
Friday	5937	5937	5937	5937	5937	5937	5937	5937	5937	5937	5937	5937
Monday	5937	5937	5937	5937	5937	5937	5937	5937	5937	5937	5937	5937
Saturday	5937	5937	5937	5937	5937	5937	5937	5937	5937	5937	5937	5937
Sunday	5937	5937	5937	5937	5937	5937	5937	5937	5937	5937	5937	5937
Thursday	5937	5937	5937	5937	5937	5937	5937	5937	5937	5937	5937	5937
Tuesday	5937	5937	5937	5937	5937	5937	5937	5937	5937	5937	5937	5937
Wednesday	5937	5937	5937	5937	5937	5937	5937	5937	5937	5937	5937	5937
Total	**5937**	**5937**	**5937**	**5937**	**5937**	**5937**	**5937**	**5937**	**5937**	**5937**	**5937**	**5937**

Controls & Filters

Date

| 1/1/2024 📅 | 1/31/2024 📅 |

severity ∨

- ☐ (Blank)
- ☐ High
- ☐ Medium

Attack_Type ∨

- ☐ (Blank)
- ☐ Botnet
- ☐ DoS
- ☐ Heartbleed
- ☐ Port Scan
- ☐ SQL Injection
- ☐ Web Attack

Geographical Analysis
Global view of attack sources

Attack Rate by Country

7.31 UK	10.66 Japan	20.44 India	33.43 Brazil
7.51 USA	11.32 Germany		45.15 China
9.78 Canada	11.41 Australia	45.50 Russia	

Global Attacks

Attack_Rate ● 7.31 ● 7.51 ● 9.78 ● 10.66 ● 11.32 ● 11.41 ● 20.44 ● 33.43 ● 45.15 ● 45.5

Arctic Ocean
NORTH AMERICA
Pacific Ocean
Atlantic Ocean
EUROPE
ASIA
AFRICA
SOUTH AMERICA
Indian Ocean
AUSTRALIA

Microsoft Bing

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Country Details

| Source_Country	Total_Flows	Attack_Count	Attack_Rate
Australia	2655	303	11.41
Brazil	1798	601	33.43
Canada	2680	262	9.78
China	3280	1481	45.15
Germany	2800	317	11.32
India	2984	610	20.44
Japan	2730	291	10.66
Russia	3286	1495	45.50
UK	3897	285	7.31
USA	3890	292	7.51
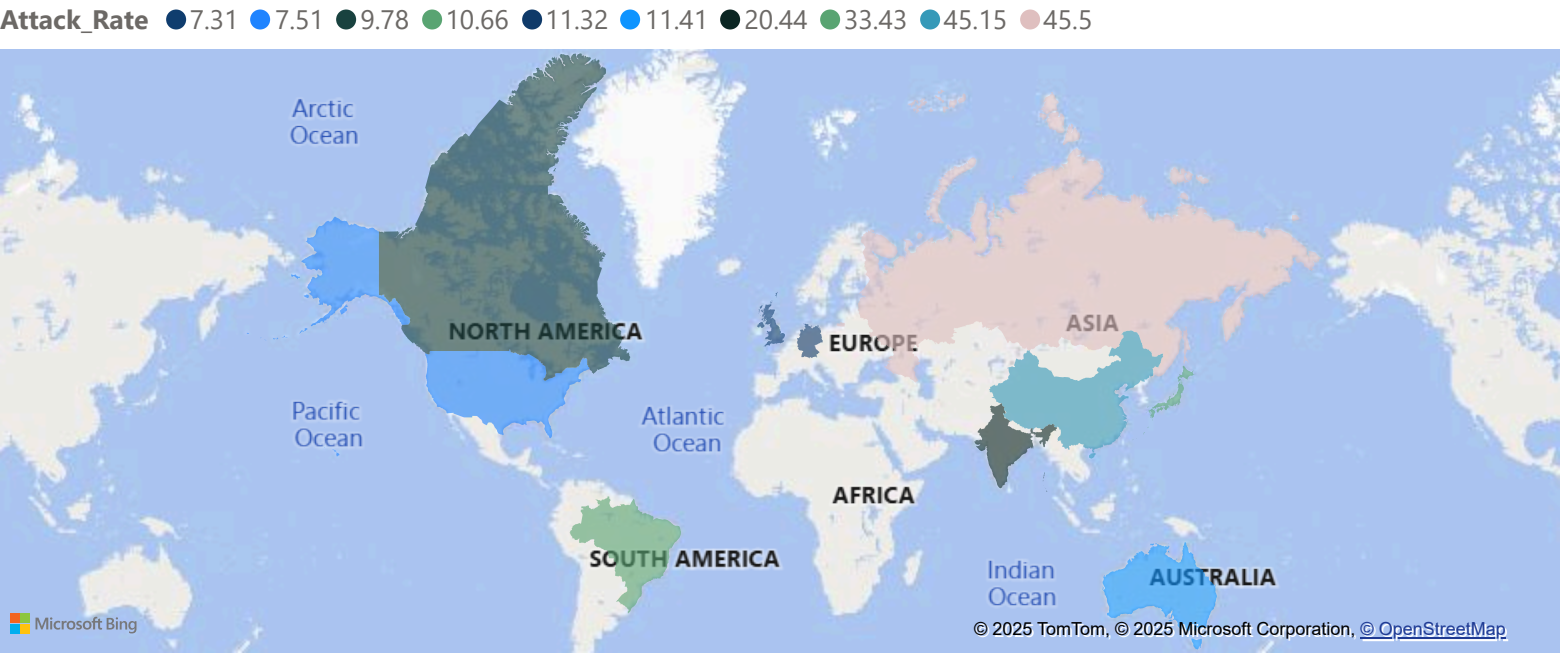
Controls & Filters

Threat_Level ⌄

☐
☐ High
☐ Low

ML Model Performance
Comparing detection models

Model Metrics

- Sum of Accuracy
- Sum of Precision
- Sum of Recall
- Sum of F1_Score
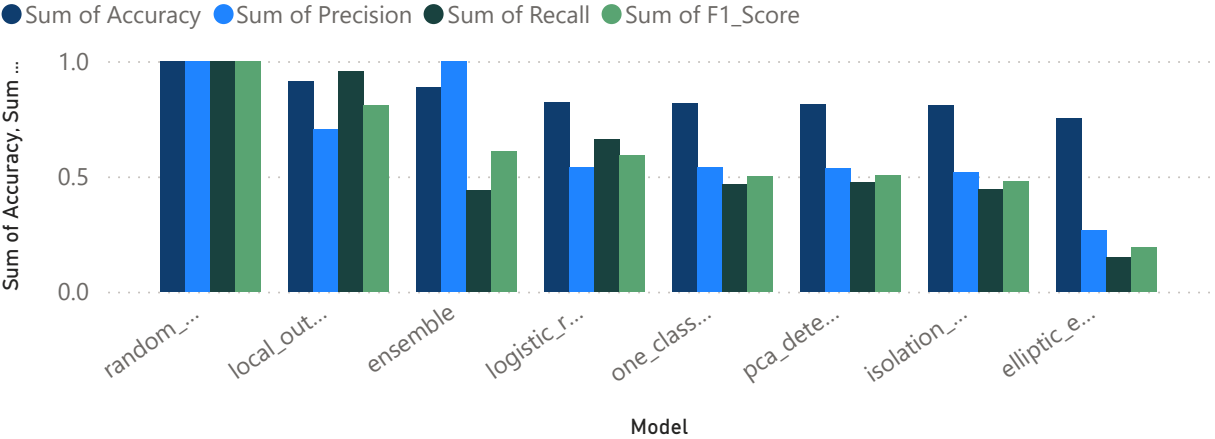
Model Details

Model	Sum of Accuracy	Sum of Precision	Sum of Recall	Sum of F1_Score
elliptic_envelope	0.75	0.27	0.15	0.19
ensemble	0.89	1.00	0.44	0.61
isolation_forest	0.81	0.52	0.44	0.48
local_outlier_factor	0.91	0.70	0.96	0.81
logistic_regression	0.82	0.54	0.66	0.59
one_class_svm	0.82	0.54	0.47	0.50
pca_detector	0.82	0.54	0.47	0.50
random_forest	1.00	1.00	1.00	1.00
Total	**6.81**	**5.11**	**4.59**	**4.69**

What Drives Threats?

Key influencers   Top segments

What influences Threat_Score to [Increase ⌄] ?

When...   ....the average of Threat_Score increases by

Threat_Level is High → (45.6)

Threat_Level is Medium → (13.89)

← Threat_Score is more likely to increase when Threat_Level is High than otherwise (on average).

Average (excluding selected): 21.78
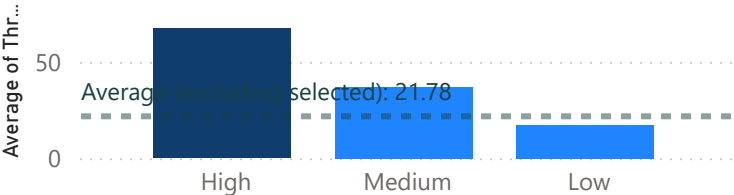
☐ Only show values that are influencers

Controls & Filters

Model

- ☐ elliptic_envelope
- ☐ ensemble
- ☐ isolation_forest
- ☐ local_outlier_factor
- ☐ logistic_regression
- ☐ one_class_svm
- ☐ pca_detector