**Cybersecurity Threats (2015 – 2024) Dashboard Training Manual**

Prepared for Stakeholders   
   
This document provides guidance on using the Tableau dashboard to analyze global cybersecurity threats from 2015 to 2024.

**1. What are the trends in cyberattack frequency over the past 9 years?**

**Table 1**

*Use case – Cyberattack trend*

|  |  |
| --- | --- |
| Users | Cybersecurity Analysts, Risk Managers, Executive Leadership |
| Required Data | Year, Attack Type (e.g., DDoS, Phishing, Ransomware) |
| Data Analysis | A line chart displaying the number of attacks per year by type to identify trends over time. |

This chart shows the frequency of different cyberattack types (e.g., DDoS, Phishing, Malware) over time from 2015 to 2024. It helps stakeholders understand how attack types have changed or intensified over the years.

**Instructions for use:**

Hover over each line to see specific yearly counts for each attack type. Use this visualization to spot increases, declines, or consistent threats.

**Figure 1**

*Cyberattack trends over time*

A graph of different colored lines

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**2. Which countries are most frequently targeted by cyberattacks?**

**Table 2**

*User case – Attack distribution by country*

|  |  |
| --- | --- |
| Users | Policy Makers, Government Security Agencies, Regional Cybersecurity Teams |
| Required Data | Country, Number of Incidents |
| Data Analysis | A world map visualization with color intensity based on the number of attacks per country. |

This map visualizes the geographic distribution of cyberattacks by country. Each country's color intensity and label reflect the number of attacks recorded from 2015 to 2024.

**Instructions for use:**

Hover over a country to view the total attack count. Use this to identify high-risk countries or regions.

**Figure 2**

*Attack distribution by country*

A map of the world

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**3. Which industries are most frequently targeted by cyberattacks?**

**Table 3**

*Use case – Attack frequency across industries*

|  |  |
| --- | --- |
| Users | Industry Security Leaders, Sector-Specific Compliance Teams, Business Executives |
| Required Data | Target Industry, Number of Incidents |
| Data Analysis | A horizontal bar chart showing the frequency of attacks across different industries. |

This horizontal bar chart ranks industries by the number of cyberattacks. It helps stakeholders identify which sectors have been most vulnerable.

**Instructions for use:**

Review bar lengths to compare attack frequency across industries. This can inform policy and security prioritization per sector.

**Figure 3**

*Top targeted industries*

A colorful bar chart with numbers

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**4. What types of cyberattacks result in the highest average financial loss?**

**Table 4**

*Use case – Average monetary impact per attack type*

|  |  |
| --- | --- |
| Users | CFOs, Security Budget Planners, Insurance Risk Analysts |
| Required Data | Attack Type, Financial Loss (in Millions USD) |
| Data Analysis | A bar chart showing the average financial loss per attack type, sorted from highest to lowest. |

This bar chart shows average financial losses per attack type, offering insights into which threats carry the greatest financial impact.

**Instructions for use:**

Hover over each bar to view loss values. Use this information to focus mitigation efforts on high-cost threats.

**Figure 4**

*Average financial loss by attack type*

A colorful lines on a white background

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