

# Inter-College Tech Marathon-Data Analytics using PowerBI



## PROJECT TITLE: Global Cybersecurity Threats Analysis

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# Outline

- **Problem Statement**
- **Technology used**
- **End users**
- **Result**
- **Conclusion**
- **Git-hub Link**

# PROBLEM STATEMENT



With the rise of digital connectivity, cyberattacks have become a global threat affecting businesses, governments, and individuals. The frequency, nature, and impact of these threats vary across countries, industries, and time. Understanding the dynamics of these attacks can help in building stronger cybersecurity strategies and preemptive defense mechanisms.



# Project Description



The objective is to perform a detailed analysis of global cybersecurity incidents to uncover trends, identify vulnerable areas, evaluate the impact of different attack types, and assess the effectiveness of defense mechanisms. This will enable stakeholders to make data-driven decisions on security investments and policies.



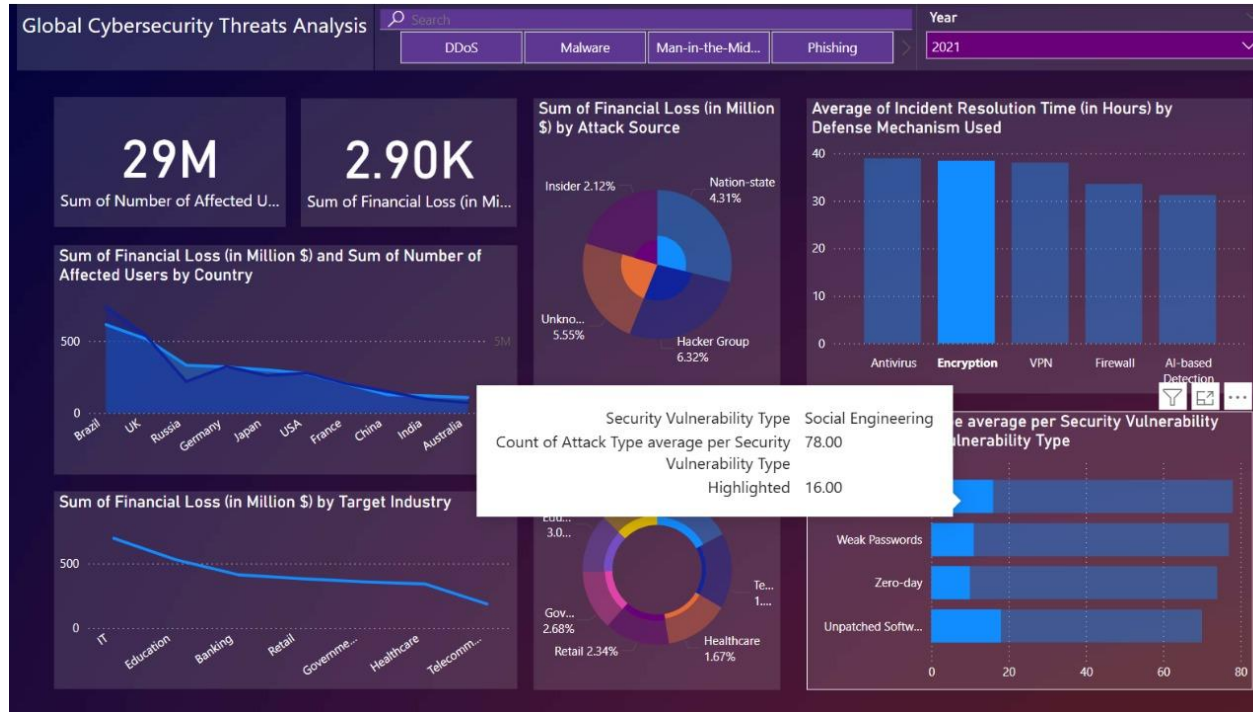
# WHO ARE THE END USERS?

- Government Bodies
- Global Companies
- Cybersecurity Enthusiasts
- White Hat hackers

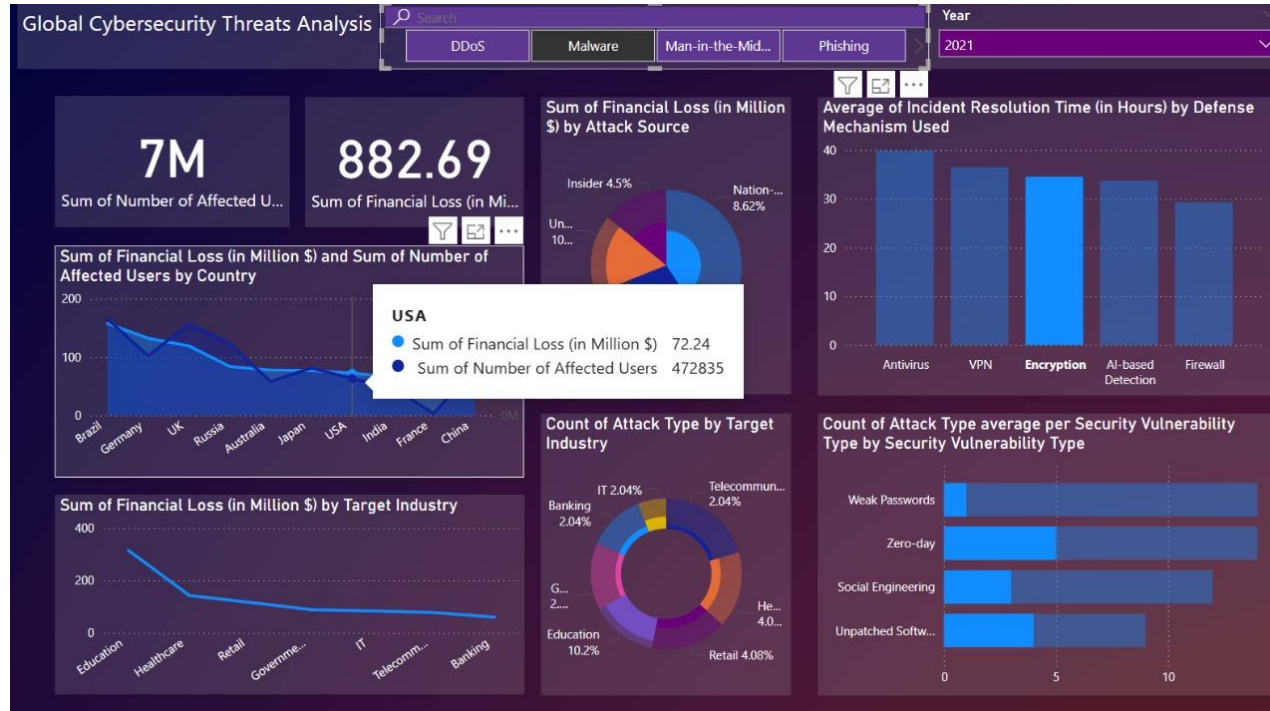
# Technology Used



# RESULTS-Screenshot1

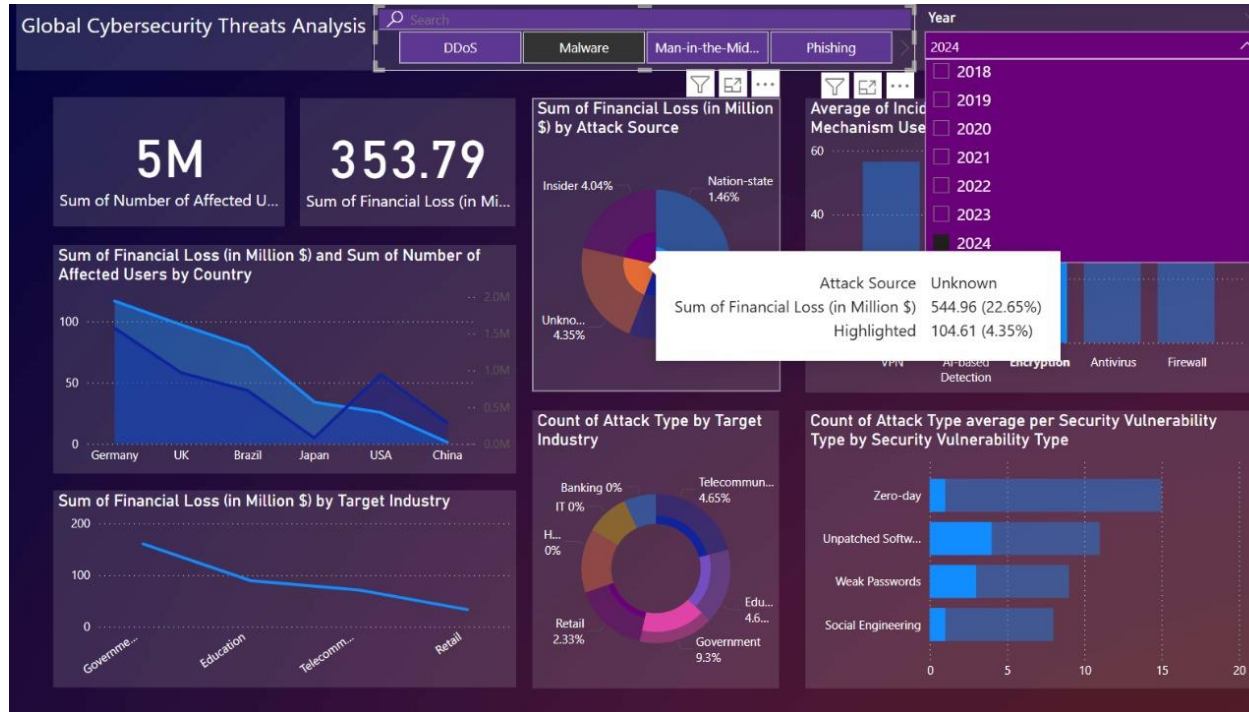


# RESULTS-Screenshot2





# RESULTS -Screenshot3



# Data Insights and Suggestions



- Percentage of attacks on all industries
- Financial loss (in millions) per year per industry/country/attack type/ attack source
- Count of affected users by country and industry.
- Incident resolution time for each defence and attack type.
- Which industries do most attackers prefer.
- Correlation between financial loss and attack source/countries/industry.

# Git-hub Link



- [https://github.com/Suraj-Samgir/VOIS\\_Team\\_6\\_VIT](https://github.com/Suraj-Samgir/VOIS_Team_6_VIT)





# Thank you

