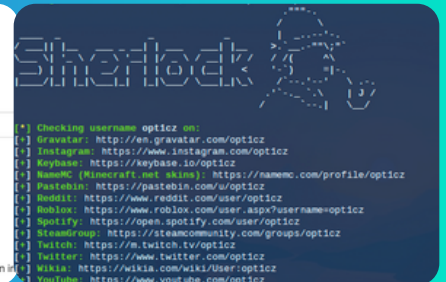# $_OSINT WORKSHOP

CyberX

EXECUTIVE SUMMARY

The workshop explored a range of OSINT tools and techniques for collecting publicly available information to monitor cyber threats and vulnerabilities. Participants engaged in an OSINT-focused Capture The Flag (CTF) challenge, allowing them to apply these methods and gain practical experience in real-world situations to improve their cybersecurity skills.

INTRODUCTION TO OSINT

- On 10 January 2025, our group **HashTech** attended an **OSINT workshop** conducted by **CyberX and Persaka**. This insightful session provided a comprehensive understanding of OSINT, its methodologies, and its role in cybersecurity.
- **OSINT** is **Open-Source Intelligence** which involves **gathering**, **evaluating**, and **analyzing** publicly available information to answer specific intelligence questions.

HOW & WHAT TOOLS

- Sherlock
- Wayback Machine
- instantusername.com
- breachdirectory.org
- BreachForum
- lookup.icann.org

OSINT IN CYBER SECURITY

- 🔴 Tracking cybercriminal groups and individuals
- 🟠 Following security vulnerability discussions
- 🟡 To stay ahead of potential threats
- 🟢 Monitoring of stolen data being sold or shared (usually on darkweb)

WORKSHOP CONTENT

- Understanding how to ethically and effectively use OSINT tools
- Learn techniques to identify vulnerabilities using publicly available info.
- Gaining practical skills that align with Cybersecurity courses.
- Highlighting how our social tracks are **traceable online**, from a **simple comment** to our **private social media accounts**.

GROUP REFLECTION

We personally find this workshop incredibly engaging because it provides practical insights into real-world hacking techniques. The inclusion of a **mini OSINT CTF** at the end added a competitive and fun element, allowing participants to gain hands-on experience. In addition, the organizers were highly efficient well prepared, ensuring the workshop was both informative and enjoyable.

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