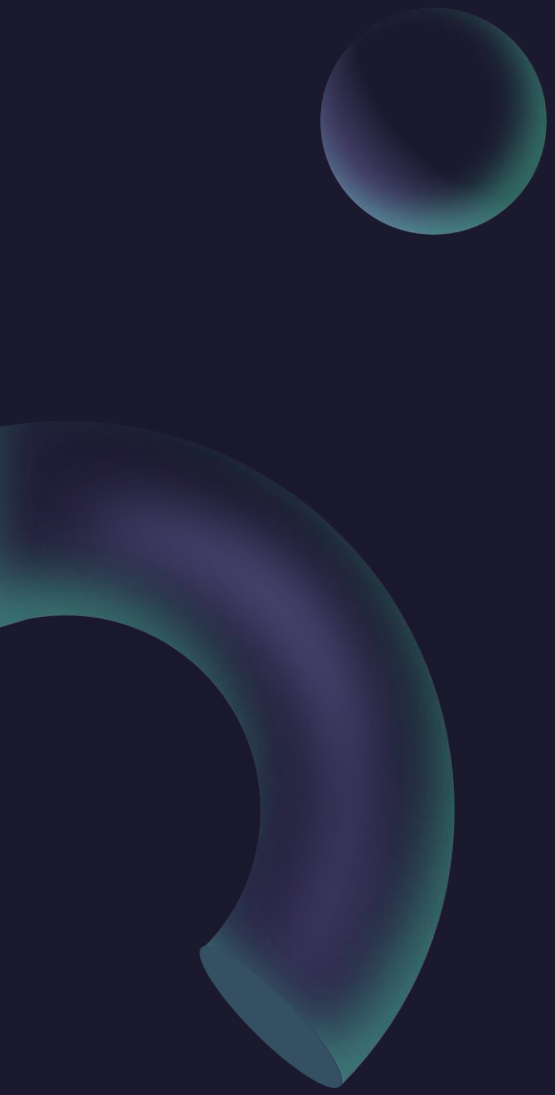
Data Protection and Cybersecurity



Introductions

Learning Objectives:

- Identify common threats to technology.
- Identify types of sensitive information.
- Discern how to classify types of sensitive data.
- Name best practices for securing sensitive information.

Introduction to Data Protection and Cybersecurity

7.9 billion records were exposed by data breaches in the first nine months of 2019.

AhaSlides Poll

Please click the link in the chat to answer the poll question. You will have 5 minutes.

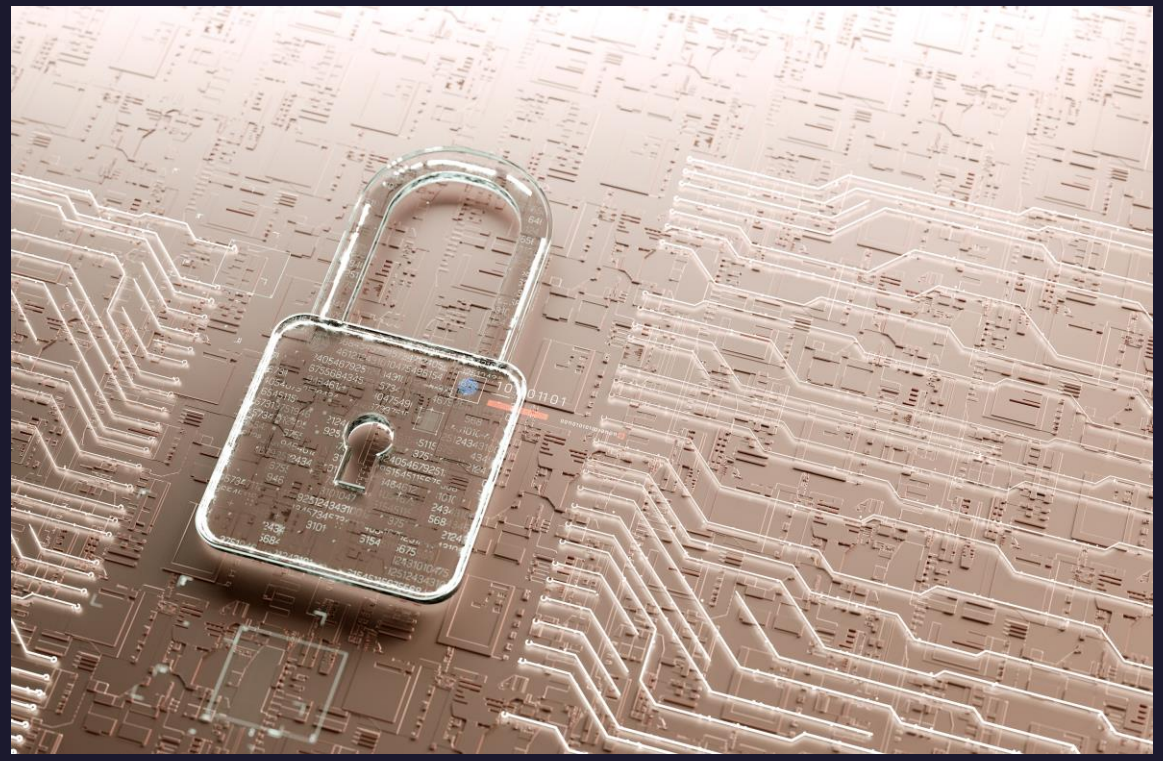
Data Protection

Safeguarding important information from corruption, compromise or loss.

Why is data protection important?

Cybersecurity

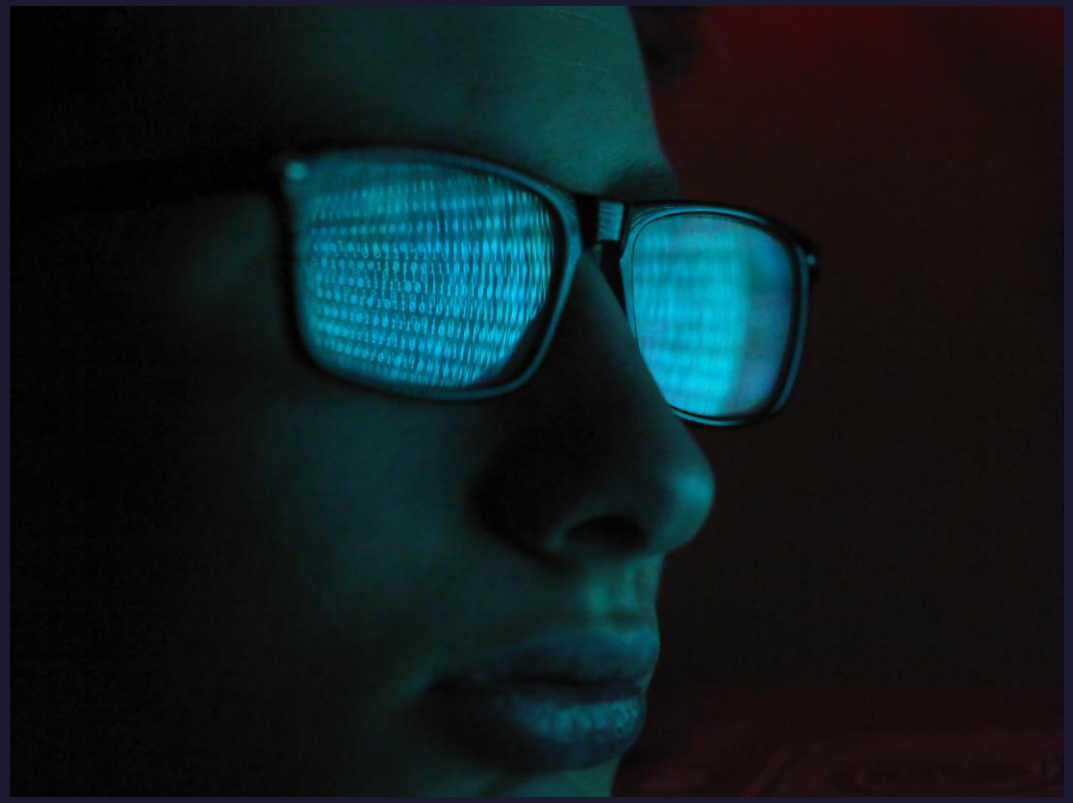
Defending computers, servers, mobile devices, electronic systems, networks, and data from malicious attacks.



Why is cybersecurity important?

Common threats to technology:

- Hacking
- Phishing
- Malware



Miro Sticky Notes

Question: What are other examples of threats to technology?

Please click the link in the chat to write your answer on a virtual sticky note. You will have 5 minutes to finish.

Identifying Sensitive Information

Types of sensitive information:

NAMES

ADDRESSES

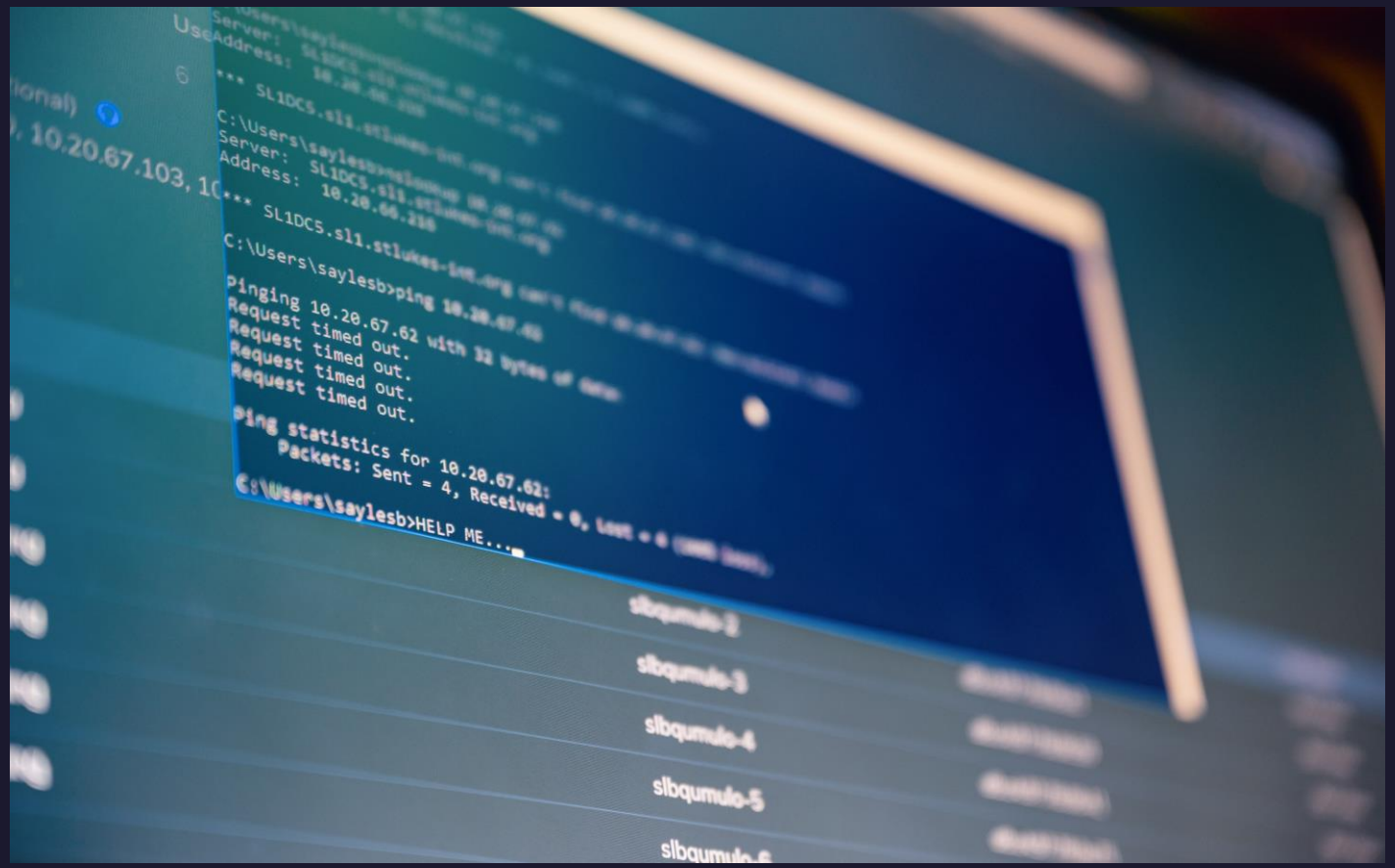
SOCIAL SECURITY NUMBERS

FINANCIAL INFORMATION

SYSTEM CODES

How to classify sensitive data:

- Content-based
- Context-based



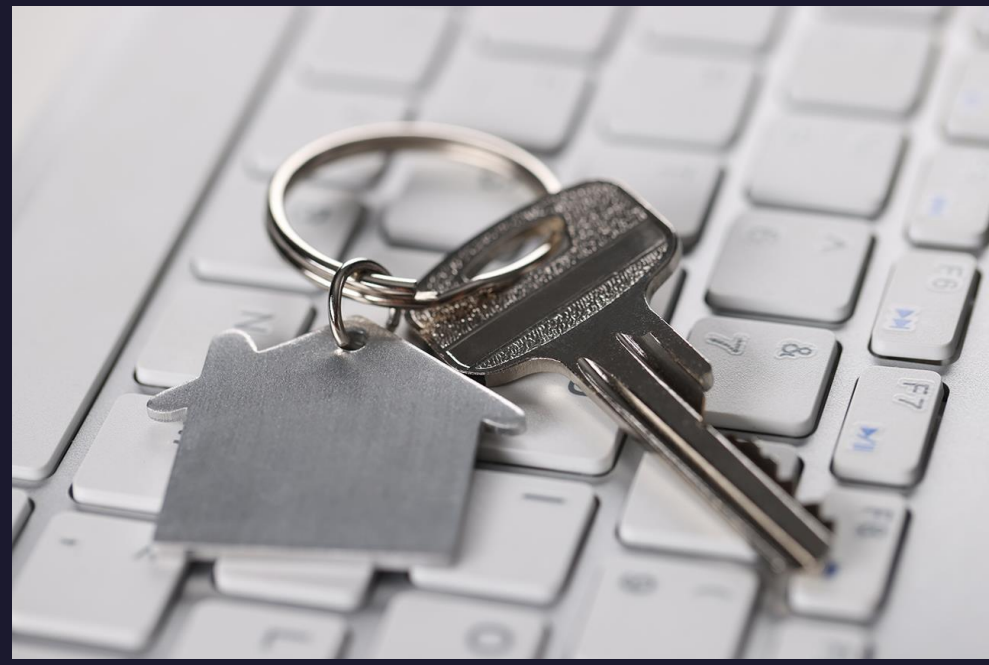
Discussion: Which types of sensitive information are the most vulnerable to threats? Why?

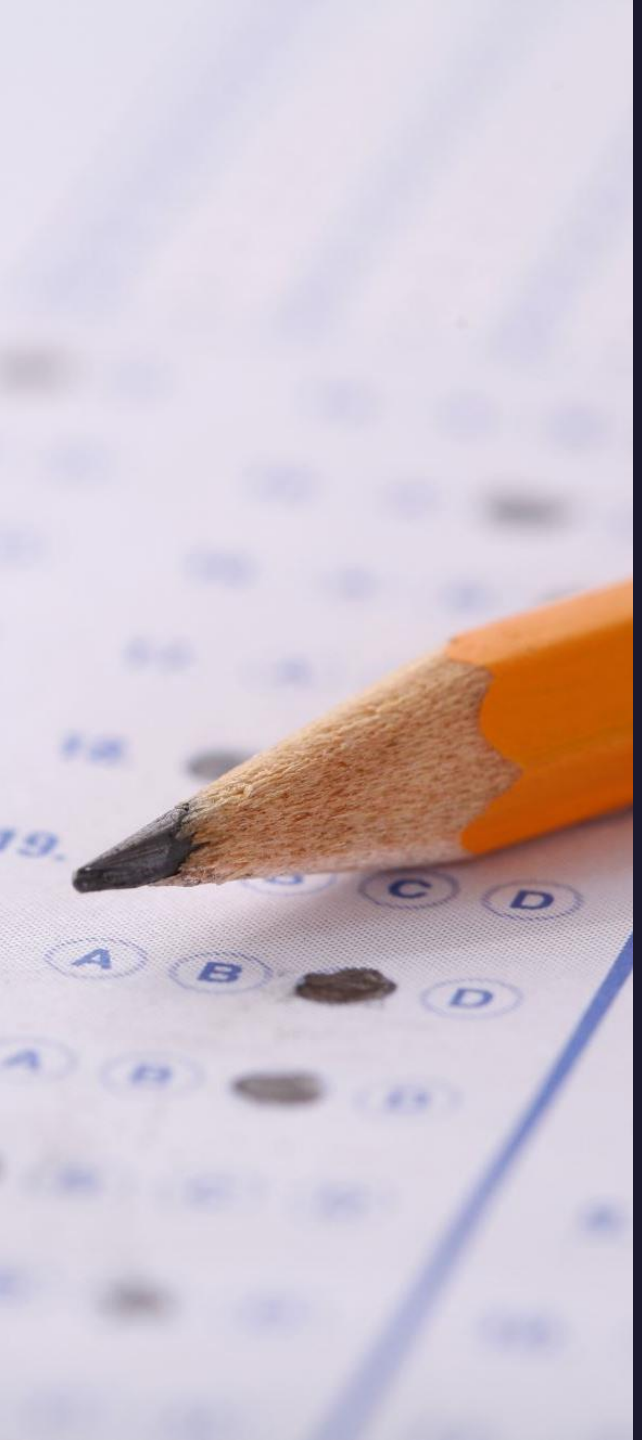
Please join your breakout rooms to discuss this question with your group.
You will have 10 minutes.

Securing Digital Assets and Infrastructure

Best practices for securing sensitive information:

- Perform data discovery
- Control access
- Encrypt your data
- Install anti-malware software
- Create strong passwords





Kahoot Quiz Game

Please click the link in the chat to take an informal review quiz. You will have10 minutes to finish the quiz.

Summary

- Beware of technological threats.
- Protect all sensitive information.

Conclusion