

University of Wales Trinity Saint David London.

Informative Poster Basic Digital Safety

Academic Year 2024-2025

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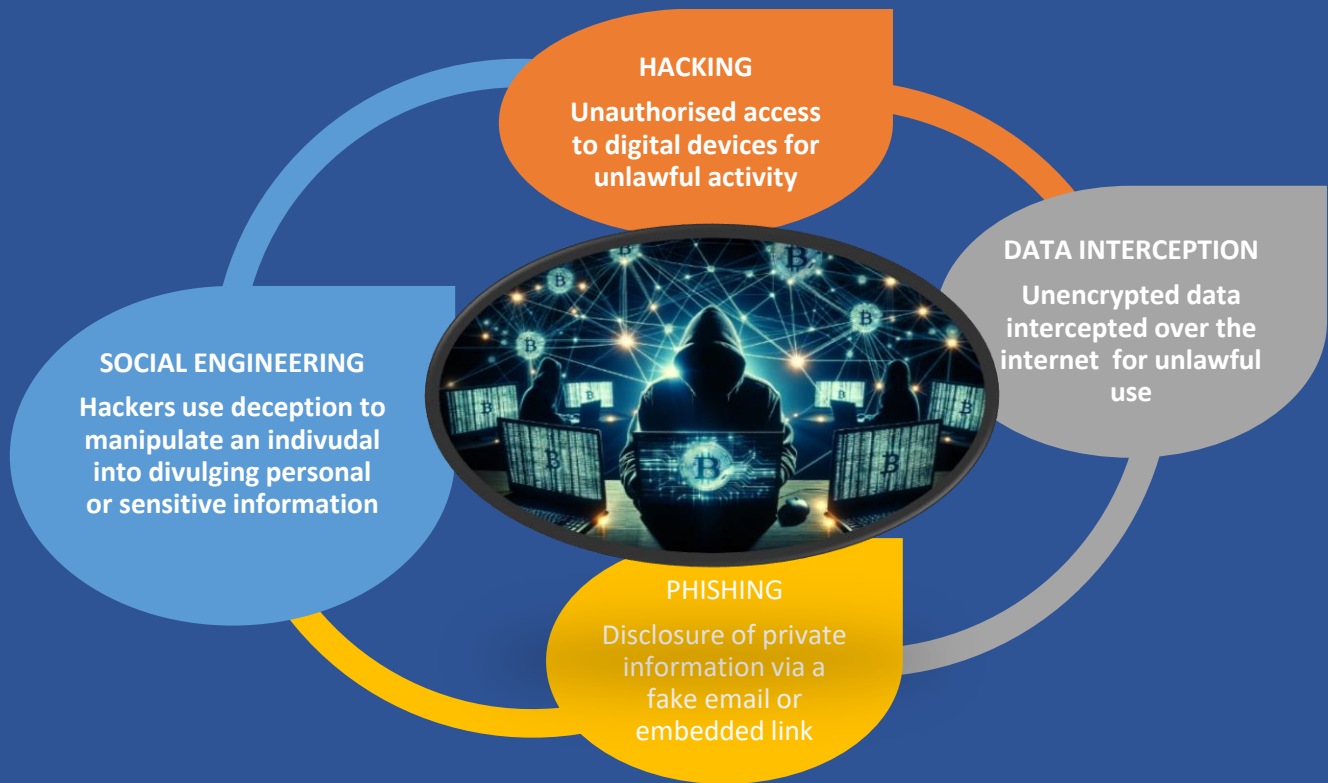
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CYBER SECURITY

SECURITY THREATS



MALWARE

Malicious software installed on a system with the aim of:
Damaging or deleting files.
Stealing Information.
Taking control of the system.

Worms

Self replicating automated programme which spreads quickly and exploits network security weaknesses.

Ransomware

Covertly installed software which threatens to cause damage on a victim's computer unless a ransom is paid.

Rootkit

Allows unauthorised user to gain full control over a computer (including host operating system) avoiding detection.

Trojan Horse

A programme that disguises as legitimate software, appearing to perform a task but in reality, performing another.

Viruses

A system designed to copy itself, hidden in other programs and spread by sharing of files and documents.

****STAY SAFE****

Use a strong password!

Encrypt Data

Instal a Firewall

Instal anti-malware

Different programs may require more complex combinations.

Algorithms covert data and require a decryption key to access.

A security system which controls incoming and outgoing data for threats

Software which examines incoming traffic to block malware threats.