INTRODUCTION TO CYBER CRIMES

Overview of the Lesson

- Main Objective

- Introduction to Cyber Crime

- Categories Of Cyber Crime

- Types of Cyber Crimes

- Safety Tips

- Outcomes

Main Objective

- To explore about cybercrime.

- To create basic awareness about cyber crime .

- To gain more knowledge about cyber crime.

- Understanding of the risks of harmful online behavior.

CYBER CRIMES

Introduction to Cyber Crime

Cyber Crime:

- Computer crime or cybercrime, refers to any crime that involves a computer , Mobile and a network.

- Computer may be used as a weapon for crime or as a target.

The Computer as a Target : Using a computer to attack other computers.

The computer as a weapon: Using a computer to commit real world crimes.

Cyber Criminals:

- Those who are doing crimes by using the computer as a target or an object.

What is Cyber Crime? Simple Theory

- When you purchase a home it comes with a door and a lock. You always ensure that the door/lock exist and working properly. You may even purchase security systems.

- Likewise, Your Computer System is your home and security tools are your door/lock.

- So if someone breaches into your computer System, accesses all your personal accounts and tampers your data, is the criminal who is committing the crime.

- And committed crime is known as cyber-crime.

CATEGORIES OF CYBER CRIME

Categories Of Cyber Crime

Cyber Crime Against Individual

▸ This type of cyber crime can be in the form of hacking, identity theft, cyber bullying, cyber stalking etc.

Cyber Crime Against Property

▸ Just like in the real world where a criminal can steal and rob, even in the cyber world criminals resort to stealing and robbing.

◦ In this case, they can steal a person's bank details and misuse the credit card to make purchases online.

Categories Of Cyber Crime

Cyber Crime Against Government

▸ Although not as common as the other two categories, crimes against a government are referred to as cyber terrorism.

◦ In this category, criminals hack government websites, military websites or circulate propaganda.

TYPES OF CYBER CRIMES

Types of Cyber Crimes

There are numerous types. Some of which are:

- **Hacking:** Hacking in simple terms means illegal access into a computer system without the permission of the computer owner/user.

- **Software Piracy:** This crime occurs when a person violates copyrights and unauthorized copying of software.

- **Cyber Stalking:** The crime in which the attacker harasses or threaten a victim using electronic communication, such as e-mail, instant messaging (IM), or messages posted to a Web site or on social networking sites.

Types of Cyber Crimes

- **Malicious Software:** These are Internet-based software or programs that are used to disrupt a network. The software is used to gain access to a system to steal sensitive information or data or causing damage to software and hardware. (virus, worms, Trojan Horse, web jacking, e-mail bombing etc.)

- **Identity Theft:** A criminal accesses data about a person's bank account, credit cards, debit card and other sensitive information.

- **Cyber Bullying:** Cyber bullying is when the Internet and related technologies are used to bully other people, in a deliberate, repeated, and hostile manner. This could be done via, text messages or images, personal remarks posted online, hate speeches and posting false statements in order to humiliate or embarrass another person.

Types of Cyber Crimes

- **Denial-of-service attack:** This involves flooding a computer resource with more requests than it can handle. This causes the resource (e.g. a web server) to crash thereby denying authorized users the service offered by the resource.

- **E-mail Spamming & Spoofing**: Email spoofing refers to email that appears to have been originated from one source and it was actually sent from another source. Email "spamming" refers to sending email to thousands and thousands of users - similar to a chain letter.

- **Computer Vandalism**: Damaging or destroying data rather than stealing or misusing them is called cyber vandalism. These are program that attach themselves to a file and then circulate.

SAFETY TIPS

Safety Tips

- Use antivirus software's .

- Insert firewalls .

- uninstall unnecessary software .

- Maintain backup .

- Never send your credit card number to any site that is not secured.

- Avoid sending any photograph online particularly to strangers.

- Do not open mails from strangers. This prevents your system from unwanted attacks.

Safety Tips

- Don't respond to harassing or negative messages.

- Learn more about Internet privacy.

- Keep your operating system up to date.

- Change passwords frequently and Use hard-to-guess passwords.

- Don't share access to your computers with strangers .

- If you have a Wi-Fi network, password protect it.

- Disconnect from the Internet when not in use.

Outcomes

As internet technology advances so does the threat of cyber crime. In times likes these we must protect ourselves from cyber crime. Antivirus software, firewalls and security patches are just the beginning. Never open suspicious emails and only navigate to trusted sites.

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