



Government Engineering College West Champaran

Seminar On Cyber Crime



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Introduction

- The internet in India is growing rapidly. It has given rise to new opportunities in every field we can think of ? be it entertainment, business, sports or education.
- There are two sides to a coin. Internet also has its own disadvantages. One of the major disadvantages is Cyber crime ? illegal activity committed on the internet.



What is Cybercrime

- Cybercrime is any illegal act committed using a computer network (especially the Internet).
- Cybercrime is a subset of computer crime.

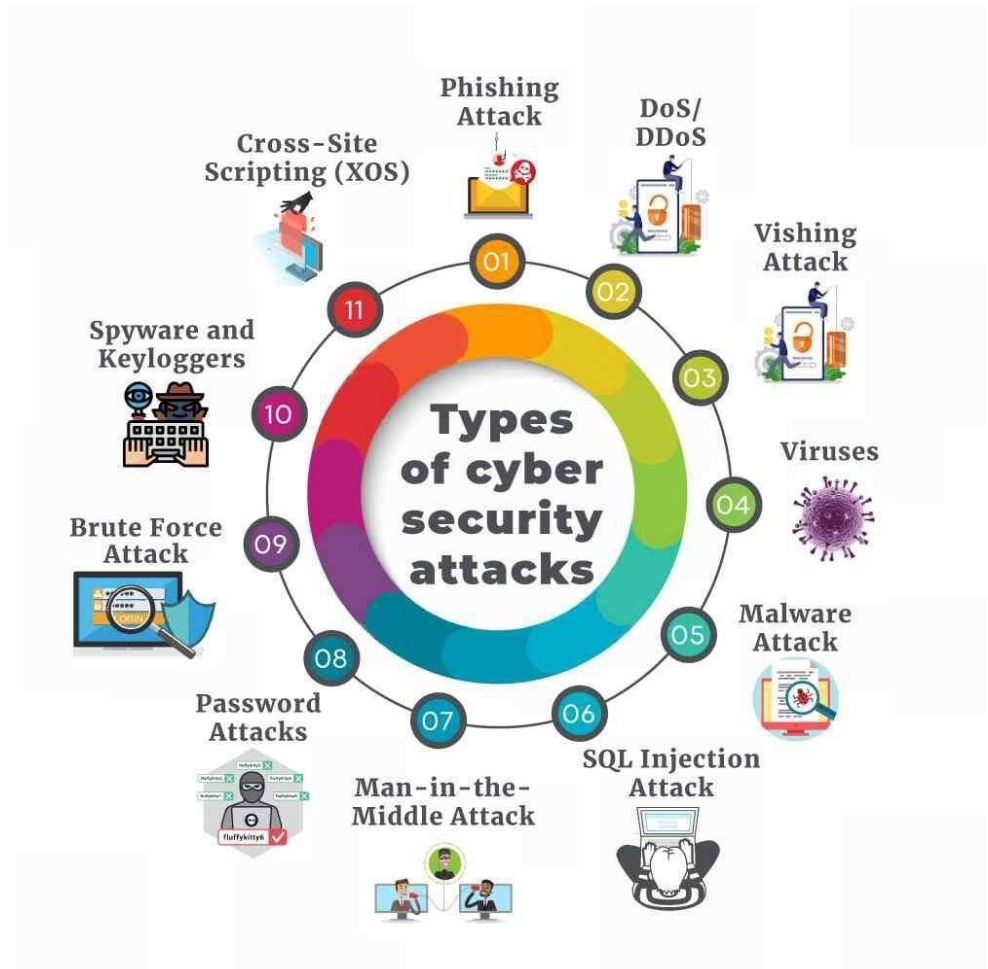


History

- The first recorded cyber crime took place in the year 1820!
- In 1820, Joseph-Marie Jacquard, a textile manufacturer in France, produced the loom. This device allowed the repetition of a series of steps in the weaving of special fabrics.
- This resulted in a fear amongst Jacquard's employees that their traditional employment and livelihood were being threatened.
- They committed acts of sabotage to discourage Jacquard from further use of the new technology. This is the first recorded cyber crime!

Types of Cyber Crime

- Hacking
- Denial OF Service Attack
- Virus Dissemination
- Computer Forgery
- Credit Card Fraud
- Phishing
- Spoofing
- Cyber Stalking
- Threatening
- Salami attack



Modification of a conventional crime by using computers.

- Financial crimes
- Cyber pornography
- Sale of illegal articles
- Online gambling
- Intellectual Property crime
- Email spoofing
- Forgery
- Cyber Defamation
- Cyber stalking

Categories Cyber crimes

- Cyber crimes can be basically divided into 3 major categories:
 1. Cyber crimes against persons.
 2. Cyber crimes against property.
 3. Cyber crimes against government

First Category

- Cyber harassment is a distinct Cybercrime. Various kinds of harassment can and do occur in cyberspace, or through the use of cyberspace. Harassment can be sexual, racial, religious, or other.

Second Category

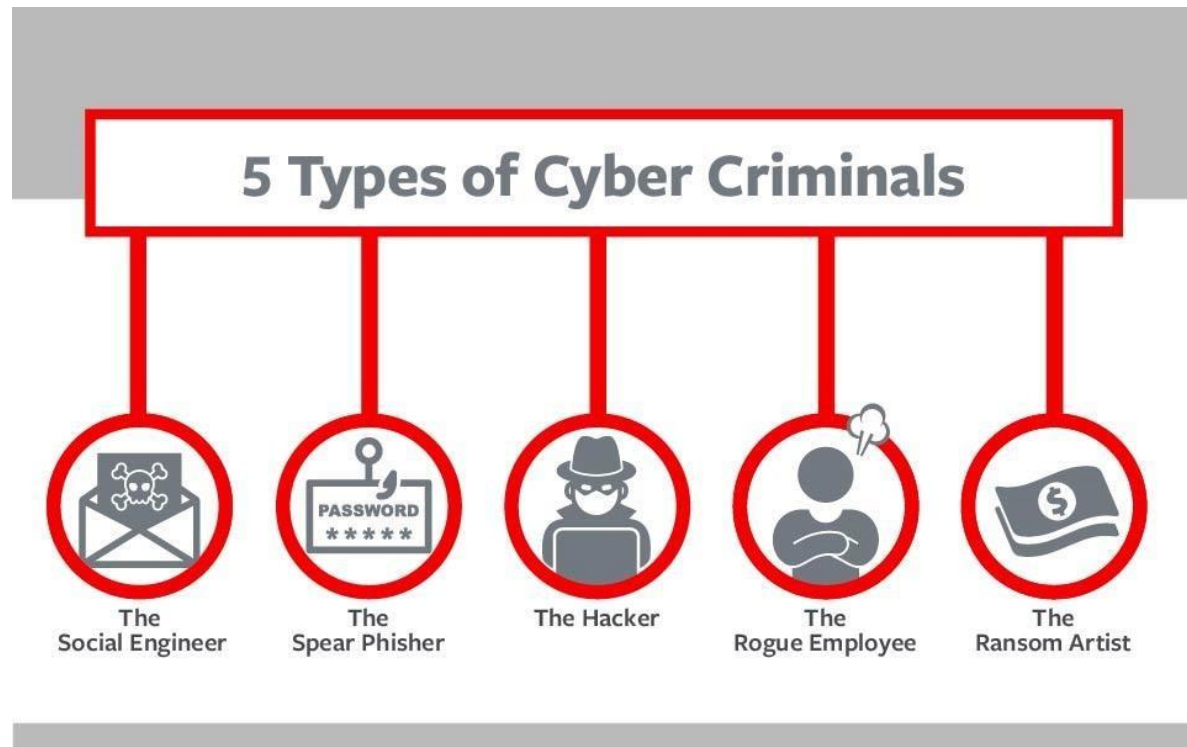
- These crimes include computer vandalism(destruction of others' property), transmission of harmful programs, unauthorized trespassing through cyber space, unauthorized possession of computer information.

Third Category

- Cyber terrorism is one distinct kind of crime in this category.
- The growth of internet has shown that the medium of Cyberspace is being used by individuals and groups to threaten the international governments as also to terrorize the citizens of a country.

Cyber Criminals

- Kids (age group 9-16 etc.)
- Organized hacktivists
- Disgruntled employees
- Professional hackers (corporate espionage)



PREVENTION OF CYBER CRIME

- Avoid disclosing your identity to any strangers.
- Always use latest antivirus software to guard against virus attacks.
- Never send your credit card number to any site which is not secured.
- Use of firewall
- Change passwords frequently
- Uninstall unnecessary software

Conclusion

- Within the law enforcement agencies, a set of rules must be developed to address the various categories of computer crime.
- As such, investigators will know what and which materials to search and seize, the electronic evidence to recover, and the chain of custody to maintain .



Thank You!

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B.Tech CSE(Cyber Security)

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