

1- Why do you need to know about Cybersecurity?(Explain with an example)

because it protects all categories of data from theft and damage. This includes sensitive data, personally identifiable information (PII), protected health information (PHI), personal information, intellectual property, data, and governmental and industry information systems.

example: in the bank, if an unethical hacker gets access to bank data, he will be able to steal clients' money, so we must have Cybersecurity engineers to protect bank data via detect system vulnerabilities and stop them to prevent unethical hackers to steal data

2- How many attacks to computers on city network do you think take place every day?

By some counts, There is a hacker attack every 39 seconds, there are around 65,000 attacks per day on small and medium businesses.

3- How to avoid cybersecurity threats?

there are many ways like:

- Encrypt the Data and Create Backups.
- Conduct Regular Employee Training.
- Keeping Systems and Software Updated.
- Using Strong Passwords.
- Using two factor authentication.
- Using Firewalls.
- Creating a secure Cybersecurity Policy.