



Sonargaon University

Supervised By
Muydul Islam
Lecturer,
Dept. of Computer Science &
Engineering, SU

Presented By
Tofayel Ahamed Tofo
Roll: CSE2202026024
Section: 27M1



Cyber Security Awareness

01310260638

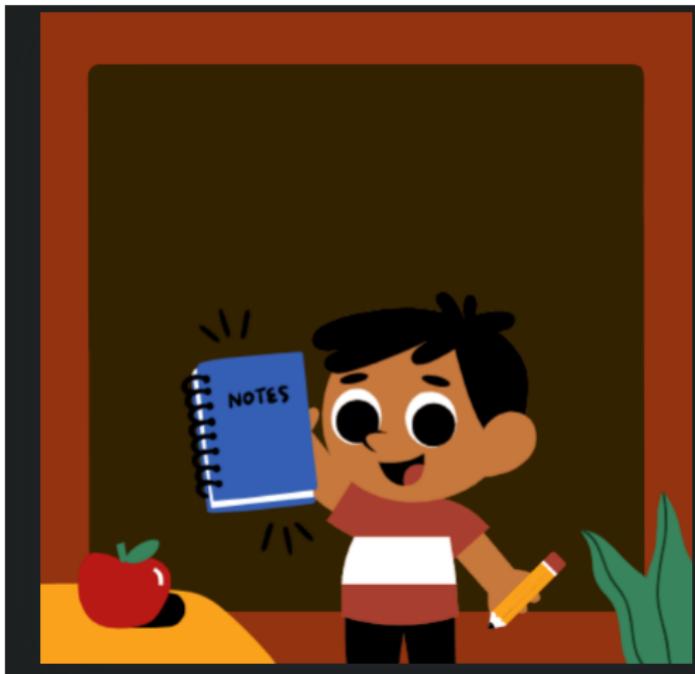


Outline

- ▶ What is cybersecurity?
- ▶ Why cybersecurity awareness is important
- ▶ Common Cyber Threats
- ▶ Strong Password Practices
- ▶ Safe Internet Behavior
- ▶ Protecting Personal Data
- ▶ Device Security
- ▶ Network Safety
- ▶ Cybersecurity at Work Conclusion
- ▶ References

What is Cybersecurity Awareness?

- ▶ Cybersecurity awareness is the understanding of cyber threats and the best practices to prevent them. It's about educating people to be the first line of defense against digital attacks.[?].



Why It's So Important!

The main goal of cybersecurity awareness is to build a strong security culture. This is critical because many cyberattacks don't target complex technology; they target people. Prevents Human Error Stops Common Attacks

1. Protects Sensitive Data
2. Empowers Users [?].

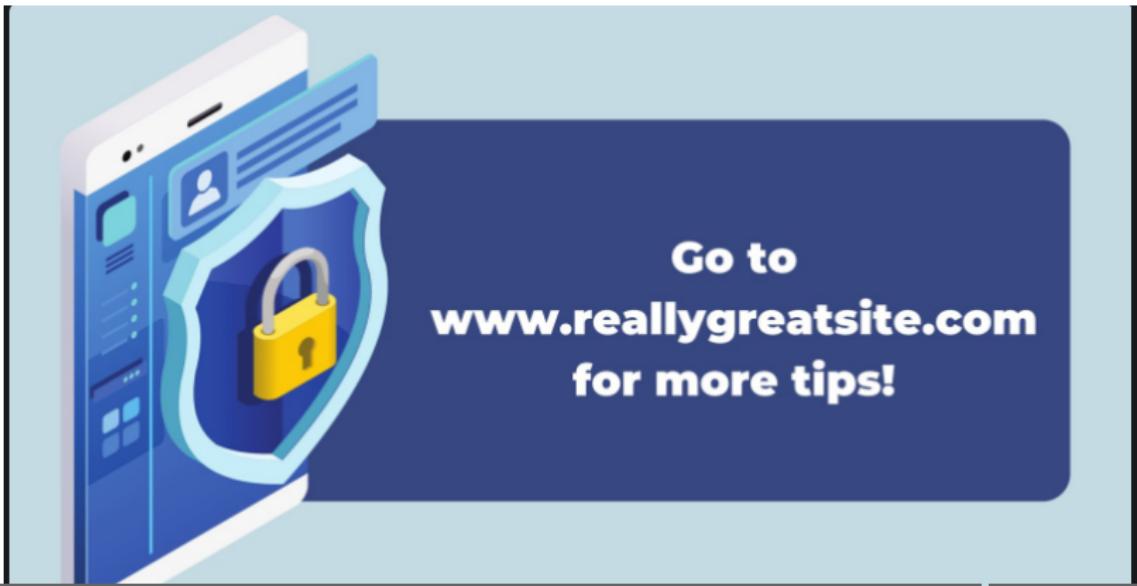
Common Cyber Threats

- ▶ Phishing
- ▶ Malware
- ▶ Ransomware Social engineering
[?].



Strong Password Practices

- ▶ Use long passwords
- ▶ Enable two-factor authentication
- ▶ Avoid reuse [?].



Safe Internet Behavior

- ▶ Don't click unknown links
 - ▶ Verify email senders
- ▶ Use secure websites (HTTPS)

SAFE INTERNET BEHAVIOR



USE STRONG
PASSWORDS



KEEP PERSONAL
INFORMATION
PRIVATE



BE CAUTIOUS
ABOUT ONLINE
SCAMS



USE REPUTABLE
WEBSITES

[?]

Protecting Personal Data

- ▶ Avoid oversharing
- ▶ Use privacy settings
- ▶ Encrypt sensitive data [?].

Device Security

- ▶ Keep software updated
 - ▶ Install antivirus
- ▶ Avoid unknown USB devices
[?].

Network Safety

- ▶ Use secure Wi-Fi
- ▶ Avoid public Wi-Fi for sensitive tasks
 - ▶ Use VPN [?]



Cybersecurity at Work

- ▶ Follow company policies
- ▶ Report suspicious activities
- ▶ Lock devices when away [?].

Conclusion

Cybersecurity is no longer just a technical issue—it is a daily responsibility for everyone. As cyber threats continue to evolve, staying informed and practicing safe digital habits is essential. By using strong passwords, being cautious online, protecting personal data, and following security guidelines, we can significantly reduce risks. Ultimately, awareness is our strongest defense. When we stay alert, think before we click, and take proactive steps, we safeguard not only ourselves but our entire digital community.[?].

References & Acknowledgements

- 1)<https://www.tandfonline.com/doi/abs/10.1080/08874417.2020.171226>
- 2)<https://www.sciencedirect.com/science/article/pii/S2212868921000581>
- 3)<https://www.sciencedirect.com/science/article/pii/S0740624X17300544>



Thank You

