

Cyber Security Layers and Awareness from Threats Lurk in Cyberspace for Preserving the Safety in Our Digital Environments

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Abstract: *The present paper focuses on cyber security awareness and the difficulties with cyber security maintaining the security of your data online. In the current digital era, when technology is developing quickly, cyber security is more important than ever. Cyber security is a vital field focused on protecting systems, networks, and data from digital attacks. It encompasses various practices, technologies, and processes designed to safeguard information integrity, confidentiality, and availability. The threat of cyber-attacks is increasingly global. Many worries have been raised about how it would affect the world economy. Businesses and groups, particularly those handling data pertaining to health, finances, or national security, must take precautions to safeguard their private and sensitive corporate information as the number of cyber-attacks rises. Therefore, it's necessary to consider the difficulties in enhancing citizens', customers', and employees' information security behaviours. In order to provide thorough protection, this paper examines the layers of cyber security and to ascertain the difficulties with cyber security safeguarding your data while using the internet.*

Keywords: Cyber Security, Awareness, Digital Attacks, Security Safeguarding