

An Overview on Cyber Security

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Abstract: *The provided text emphasizes the critical role of cyber security in safeguarding networks and devices against external threats, highlighting the core principles of confidentiality, integrity, and availability (CIA). It underscores the importance of authentication mechanisms, such as usernames and passwords, in enhancing security. The text outlines various types of cybercrimes, including computer-assisted crimes, crimes targeting computers, and crimes where computers play an incidental role. It describes common cyber-attack tactics employed by cybercriminals and discusses the educational offerings of Samplilearn, particularly their Advanced Executive Program in Cyber security, designed to train and develop the next generation of cyber security professionals.*

Keywords: Cyber, security, Confidentiality, Integrity, Availability, Authentication, Cybercrimes