

A Study on Cyber Security Challenges and Its New Trends in Modern Technologies

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Abstract: *Due to the present way of living, more individuals are accepting technology nowadays and using it for both online shopping and banking activities. While this is happening, securing data becomes more difficult. Online crime, sometimes known as cybercrime, has grown in popularity along with social media's widespread use. Data security is important in the field of information technology. One of the biggest problems in the world today is information security. When we consider cyber security, we first consider "cybercrimes," which are growing significantly every day. In order to prevent this type of cybercrime, several governments and businesses adopt various measures. Plenty of measures have been taken to protect against it, but many people are also extremely concerned. With the rapid advancements in technology, numerous emerging technologies have transformed industries and societies. However, alongside these developments, new cyber security challenges have arisen. This research paper explores the evolving landscape of cyber security in the context of recent technologies.*

Keywords: Cyber security, Cybercrime, Challenges, Artificial Intelligence, Blockchain, IoT.

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