

INCREASED CYBER ATTACKS IN POST PANDEMIC ERA: AN ANALYSIS AND PRACTICAL SOLUTIONS

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Cyber Security is one of the most discussed topics in the world of internet. The need of keeping digital data safe is vital nowadays compared to the previous scenarios. The rate of cyber-attacks was increasing even before the pandemic occurred. It's evident that the pandemic has acted as a catalyst for the attackers to launch more advanced and harmful cyber-attacks. This seminar discusses about the increased cyber-attacks in post pandemic period and some effective measures to prevent them. During the pandemic almost everything from scratch has become automated and our day-to-day activities has now become online. The attackers are definitely utilizing the situation and launching attacks in order to gain advantage of the situation. Frequency of a data breach or cyber-attack has increased several times by last 2-3 years. Apart from studying the trend of increasing cyber-attacks this seminar also discusses about a practical solution that can be implemented in certain infrastructures to prevent these attacks.

Keywords: Cyber security, data breaches, ethical hacking, toolkits