

Research Paper on Cyber Security Challenges and Threats

Atul Arun Patil

Institute of Distance and Open Learning, Mumbai, Maharashtra, India

Abstract: *Cybersecurity is important to the computerised news industry. One of the defects in competition issues in the new planet is news security. Cybercrimes, what act the rise everyday, are mainly that springs to mind at any time we deem computerised guardianship. If skill is no safety to secure it, plans, awake files, file, and different main essential items are imperilled. Every business, either an IT firm or a hint of adjustment, needs to be protected equally. The attackers do not trail as a result of the advancement of new complicated security orders. They are utilising more brand-new and upgraded taxicab strategies to aim the feeble points of miscellaneous firms generally. Because of the tremendous amounts of files that the military, management, commercial, restorative, and friendly areas accumulate, use, and store on PCs and additional tools, computerised safety is important. Sensitive information, holding commercial dossiers, shielded features forged by original understanding, individual information, and various types of file that unauthorised approach or familiarity protect have undesirable belongings, can hold a considerable portion of earlier dossiers.*

Keywords: computerised security, high-tech dangers, high-tech attacks, cybercrime, cyber defence

REFERENCES

- [1]. 10 Biggest Cybersecurity Challenges Industry is Facing in 2023 (thesagenext.com)
- [2]. IEEE Security and Privacy Magazine–IEEE CS “SafetyCritical Systems –Next Generation “July/ Aug 2013.
- [3]. Computer Security Practices in Non Profit Organisations–A NetAction Report by Audrey Krause.
- [4]. Albalawi, A.M.; Almaiah, M.A. Assessing and reviewing cyber-security threats, attacks, mitigation techniques in the iot environment. J. Theor. Appl. Inf. Technol. 2022, 100, 2988–3011. [Google Scholar]
- [5]. Razzaq, A.; et al.: Cyber security: threats, reasons, challenges, methodologies and state of the art solutions for industrial applications. In: 2013 IEEE Eleventh International Symposium on Autonomous Decentralised Systems (ISADS). IEEE (2013)
- [6]. Taha, A.F.; et al.: Risk mitigation for dynamic state estimation against cyber attacks and unknown inputs. IEEE Trans. Smart Grid 9(2), 886–899 (2018)