

# AI in Cybersecurity

Right from the time Iron Man made his first suit and got out of the cave from spare metal parts, to this date, where we see the Avengers use things like nanotechnology, to fight the world's worst villains, we've come a long way. Similarly, even in the real world, right from the introduction of a computer, to this date, where everyone has smartphones and smartwatches that have in them, systems like Siri and ChatGPT, we see technology and AI seem to be taking over the world as the days go by. We see it in movies like- Blade Runner, The Matrix, Terminator, Robocop or in Bollywood movies like Robot or Ra.One.

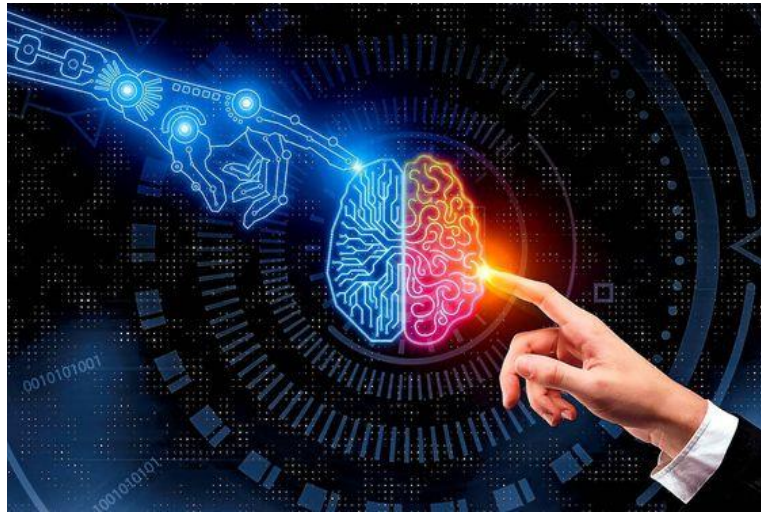


The use of AI is definitely being increased in the field of cybersecurity. It is seen that it can be of great help with things like threat detection, malware analysis, and when it comes to vulnerability management.

There are also AI-powered security tools that can help organizations stay on top of their security risks. Some of the best ones to check out for are-

- **CrowdStrike:** CrowdStrike is a security platform that offers superior protection in a multitude of industries including businesses of all sizes, election security, the public sector, healthcare, financial services, and retail
- **BioHAIFCS:** This is a framework that integrates machine learning methods suitable for the protection of critical network applications, namely military information systems (MIS) and Networks (MNET), and applications.
- **Cognito by Vectra:** This AI-driven platform offers businesses attack coverage, signal clarity, and intelligent control to equip and enhance their defense against emerging, evasive, and sophisticated real-time cyber attackers.

- **DefPloreX** by TrendMicro: It provides a wide range of AI technologies to process both structured and unstructured information from a wide range of sources, analyze its significance, and add them to its body of knowledge for subsequent use
- **StringSifter**: Stringsifter is a cybersecurity tool easy to download on third-party apps at no cost at all. It offers workflow automation, data threat detection, and automated software development.



In addition to these applications, Artificial Intelligence is also being used more and more, to analyze large amounts of data to detect patterns and anomalies that might indicate a security threat. This can help organizations stay ahead of potential threats and respond more quickly in the event of an attack. It also continuously learns and understands cybersecurity threats and cyber risk by consuming billions of data artifacts. Its reasoning finds threats faster by analyzing relationships between threats like malicious files, suspicious IP addresses or insiders in seconds or minutes. It also is being used widely as it eliminates time-consuming tasks and makes critical decisions to remediate threats.

In today's techno-driven industries, businesses continuously have to worry about the threats and risks of cybercrime. A single cybercrime issue has the ability to devastate a company immensely. It has come to our notice that we must get acquainted with the latest and easiest ways of how things work and keep our defenses strong by choosing wisely.

[Reference1](#)

[Reference2](#)