

عنوان مقاله:

The Impact of Artificial Intelligence on Cybercrime

محل انتشار:

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The aim of this research is to investigate the impact of artificial intelligence technology on cybercrime. Artificial intelligence technology, as one of the remarkable advancements in recent decades, has had profound effects on various human activities, including cybercrimes. These effects may be both positive and negative. On the one hand, artificial intelligence systems can make significant improvements in cybersecurity and prevent online crimes. For example, the ability to detect unknown patterns and track suspicious activities through machine learning algorithms can help combat cyber attacks. On the other hand, as artificial intelligence capabilities improve, forensic experts have also expressed concerns about its use in cybercrimes. For instance, artificial intelligence tools can be used by attackers to create more complex and effective cyber attacks. Therefore, the question arises: What impact does artificial intelligence have on committing cybercrimes? Research findings indicate that the impact of artificial intelligence on committing cybercrimes can be examined in several ways. These impacts can be observed both in the tools and technologies used by cybercriminals and in defensive strategies used to mitigate these attacks. In other words, artificial intelligence can also be used both as a tool for committing cybercrimes and as a tool for defense against them. However, to address these challenges, there is a need to further develop artificial intelligence-based solutions for detecting, preventing, and mitigating cyber attacks.

کلمات کلیدی:

Artificial Intelligence, Crime, Cyber, Internet, هوش مصنوعی, جرم, سایبر, اینترنت

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