

Artificial Intelligence and Deterrence: An Analysis of Practical Implications

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Artificial intelligence (AI) has emerged as a cutting-edge, transformative technology in the current world impacting the roots of the socio-economic structure. This has determined its significant role in the realm of deterrence as a rapidly growing technology and of its influence on decision-making and national security. In today's complex geopolitical landscape, the effectiveness of traditional methods of deterrence is increasingly questioned, particularly as state and non-state actors leverage advanced technologies. This research examines the current trends of deterrence and the processes that AI could use to enhance the effectiveness of deterrence strategies. This study used a qualitative approach to identify the current trends of deterrence and the potential practical applications of it in the age of AI. With the rapid development of AI, capabilities in data processing, management, predictive modelling, and information gathering have advanced significantly. These advancements present opportunities to make informed decisions that can improve the effectiveness of deterrence methods. As much as it is important to understand the advantages AI brings, it is more crucial to understand the threats and detriment it can impose on a state's national security.

Keywords: *artificial intelligence, deterrence, practical implications*