

Misinformation in an Era of Artificial Intelligence: Analysis on Global Security

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Every decade has its own technical landmarks, such as the debut of personal computers in the 1970s, the World Wide Web in the 1990s, and smartphones and social media in the 2000s. Similarly, the decade of 2020- 2030 represents a significant development and application of Artificial Intelligence (AI) technology in human life and most of the aspects that surround it. These applications have reached critical areas such as economics, education, healthcare, and aesthetics, even though the decade has not reached its halfway point. AI technology has a wide range of effects on humans and their societies, both beneficial and harmful. Misinformation, for example, is a widely acknowledged hazard that could be generated by AI-powered platforms. This research focuses on defining misinformation in an era of AI, identifying misinformation generated through AI, and analysing the effects of misinformation generated by AI on global security. A qualitative analysis was utilized to develop the study. In gathering data, both primary and secondary sources were used. A comprehensive analysis of the AI tools that are widely available around the globe was done. During the analysis AI AI-generated information and responses were cross-referenced with credible sources to check their accuracy and reliability including a survey to test the effects of AI-generated misinformation among a group of people.

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