

**Article Review #1 – Review of AI Use in Cybercrime Investigations**

Ethan Powers

School of Cybersecurity, Old Dominion University

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Professor Diwakar Yalpi

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**Introduction:**

In the scholarly journal article “Digital Criminal Investigations in the Era of Artificial Intelligence: A Comprehensive Overview,” Raed S. A. Faqir (American University in the Emirates, UAE) discusses how AI impacts the justice system. The introduction section begins with discussions about digital forensics in the legal system and investigations. That is an important role in today’s world with all the cybercrimes occurring. The study mainly focuses on artificial intelligence and how it is used in investigations, especially cybercrimes. It also focuses on the legality of using it for evidence. The main question studied in this article is “is AI helpful for cybercrime investigations as well as cybercrime prevention?” (Faqir, 2023).

**Research Methods:**

Faqir used documents with laws and rules as well as other pieces of literature that focus on this subject. One of the main problems with cybercrime investigations Faqir found is the amount of data associated. The author gave many examples of devices and software which could be used to retrieve evidence. Another problem found is privacy. The author mentioned that it is important that digital investigations do not invade the rights of others (Faqir, 2023)

**Results:**

The study ultimately finds that AI helps with investigations and preventions of cybercrimes. Faqir (2023) states that using AI can help with gathering evidence as well as protect individuals’ privacy. This study also mentions that using AI for surveillance can help reduce the amount of crime. Faqir (2023) mentions that using automated robot models can help with the investigations by reducing the amount of tedious work that is associated. One more way AI can help with cybercrime investigations according to Faqir is by analyzing images and videos. It is

important to be sure that this software is free from biases, such as racial bias before it is used, though. The author mentions that this will reduce the risk of human error that could occur.

**How it Relates to the Social Sciences:**

This study is related to the social sciences because it focuses on crimes, specifically cybercrimes, and how to prevent and investigate those crimes using an advanced piece of technology. It is also related to social science by mentioning the privacy aspect of this technology. The study also mentions the legal aspect of using AI to help solve cybercrimes. The author gives many recommendations for people who want to use this technology in the justice system. One of the recommendations is to use AI devices, such as surveillance systems to detect crime and find patterns (Faqir, 2023)

**Conclusion:**

Overall, this study will help individuals understand how AI is used in cybercrime investigations as well as the problems associated with investigating cybercrimes. It is helpful to society because it will aid in catching bad actors. Anyone who wants to know more about cybercrime and the use of technology would benefit from reading this article. This article relates to PowerPoint in module five (slide 19) because it discusses how individuals investigate cybercrimes and use the principles of cybersecurity.

## References

Faqir, R. (2023). Digital Criminal Investigations in the Era of Artificial Intelligence: A Comprehensive Overview. *International Journal of Cyber Criminology*, 17(2), 77–94.  
<https://doi.org/10.5281/zenodo.4766706>

URL: [View of Digital Criminal Investigations in the Era of Artificial Intelligence: A Comprehensive Overview \(cybercrimejournal.com\)](#)