

Article Review #01: Preventing Cybercrime with Psychological Profiles

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Date: February 24th, 2026

Introduction/BLUF

The article attempts to find prevention strategies against cybercrime by reviewing psychological traits of the people who commit these crimes, the frameworks on how to deal with them, and the actions that can be taken to prevent these crimes.

Relation/Connection to Social Science Principles

This article incorporates the seven principles of the Social Sciences when getting and reviewing data. It is objective when gathering the information and views it in multiple ways such as taking multiple perspectives such as theoretical, technological, and psychological. This article also heavily relates to the principles of determinism. The article knows that cybercrime is caused by something in humans by events. The article tries to find these causes on why cybercrime is committed and finds those solutions through previous behaviors in examined cyber attacks.

Research Question / Hypothesis / Independent Variable / Dependant Variable

The Research Question is what psychological traits make cybercriminals and what can we take from past experiences to make a better framework to stop them. The hypothesis is if cybersecurity crimes are analyzed with a variety of types they can be used to guide a framework with better actions to take. Independent Variable is the type of cyber crimes that are researched including using different search terms and different operators such as “AND” and “OR”. Dependent Variable is the type of different perspectives gained from analyzing those attacks that can be incorporated into the frameworks.

Research Methods

The data analysis was used from information that had been sorted first. The categories used in assessing the data were Study Design, Sample Size and Representativeness, Bias and

Confounding Factors. All of these factors were to ensure that the data had quality assurance and could be included in the analysis.

Connection to other Course Concepts

This article connects to our course concepts in various ways. It defines the human factor in the multiple analysis of the attacks. For example, in the “Theoretical Perspectives on Cyber Security Crimes” section it is stated that “Effective deterrence involves not only the certainty of detection and punishment but also the severity and swiftness of consequences (Williams, 2016)” (Thuyen et al, 2025). This would be the human factor in this case because we know the human limits. This also goes into cyberpsychology talked about in Module 4. The article talks about motivated offenders, a target, and lack of capable defense are what cause attacks in cybercrime. This plays into the cognitive way of thinking because the attacker, who is motivated, is convinced they can get past the defense.

Connections to the Concerns or Contributions of Marginalized Groups

To Marginalized Groups, if a hacker is motivated to hack a specific person without knowledge of cybersecurity, they could easily get access to your information. If they know that they can pass companies' defenses they know they can pass just a single person's defense with ease. No specific contributions have been made but these people are composed of marginalized groups who want to get revenge on the higher ups at companies or the government.

Conclusion

In conclusion, seeing this cyber crime issue from multiple perspectives is key in finding prevention methods all across the board. This study contributes to society by highlighting those ways and proposing them to frameworks in order to deal with the hackers in the world and so that companies can stay safe from a motivated hacker. This advances our understanding of

cybersecurity and social science by knowing the relationship between the technology and the people involved with hacking in trying to figure out how to deter and prevent.

Reference

Thuyen, Duy, et al. "International Journal of Cyber Criminology Vol 19 Issue 1 January – June 2025." *Exploring the Psychological Profile of Cybercriminals: A Comprehensive Review for Improved Cybercrime Prevention*, Accessed 24 Feb. 2026. (Thuyen et al, 2025)

Article Link:

<https://cybercrimejournal.com/menuscript/index.php/cybercrimejournal/article/view/452/1>