

Article Review #1: Understanding the Use of Artificial Intelligence in Cyber Crime

Describe how the topic relates to the principles of the social sciences;

The topic relates to the principles of the social sciences in many different ways. One of the first principles it relates to is Relativism. Artificial Intelligence can lead to lots of cybercrime. People can create fake images and videos of someone. They can do this to commit interpersonal cybercrime and enhance the crime.

Describe the study's research questions or hypotheses;

In study one, researchers are trying to connect the Routine activities theory and Eysenck's theory of criminality. They are saying that it was used as a framework to tell specific offender characteristics and target vulnerabilities to deep fakes. They are also saying that people suggested that offenders who are motivated are in their 20s and would likely commit crimes using AI. They used participants as a research method to come up with these research questions.

In study two, researchers are saying how GPT and its literature of could be utilized to target social engineering attacks. To come up with this hypothesis they used the Big Five Personality Traits model to categorize all of the personality traits.

Describe the types of data and analysis done;

In study one, the types of data being used are coming from people and research. They used the participants to prove their hypothesis/ theory.

In study two, they came up with the analysis that the results of the study can inform the design of more precise cybersecurity systems. This is a big part of the social science principle of Relativism.

Describe how concepts from the PowerPoint presentations relate to the article;

A lot of the social sciences principles concepts that come from the PowerPoint presentations are seen within this article. Relativism is a big one. The artificial intelligence invention has led to a lot of developments and studies throughout the studies. Another concept from the PowerPoint presentations that I noticed in the article is how they conducted their hypothesis for each study. Each of the studies predicted the studies between different variables of what happened. The studies each have an independent variable and a dependent variable. Which is a big part when conducting research.

Describe how the topic relates to the challenges, concerns, and contributions of marginalized groups; and

I think only study one relates to marginalized groups. I think when they said how people in their 20s are likely to commit crimes could contribute to the Black Lives Matter movement. All over the world people are judged because of their skin color. For example, when people look at me they think I'm a guy who is a bad person. They judge me just based on my appearance. Which goes to say it doesn't matter what age you are, anybody can commit a crime. There's no such thing as if you're in your 20s you are more likely to commit cybercrimes. That doesn't even make sense.

Describe the overall contributions of the studies to society.

When I look at the studies and I think of the contributions of the studies to society, I think of Chat GPT. I think when you look at study two, you can see that it played a big part of how ChatGPT was developed. The overall summary of study two is about GPT and how it contributed to the growing body of literature.

Conclusion

Artificial Intelligence has played a huge role in a lot of cyber crimes all across the world. Not even just cybercrime alone. Fake images, fake identification, fake voices, etc. It has led to the development of ChatGPT, which is huge in today's society.