OLD DOMINION UNIVERSITY

CYSE201S

Article 1

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https://academic.oup.com/cybersecurity/article/6/1/tyaa015/5905457?searchresult=1

The above article is addressing the topic of increasing the protection that people have on their vulnerabilities through a more efficient exploit prediction. This article's purpose relates to the principles of social sciences because it is looking at the ethical standards of exploit prediction along with providing simple yet direct confirmation on the vulnerability struggles that are being faced by society. The variety of research methods used during this article were dataset inspection, machine learning methods, and reference tagging to name a few that were mainly used. The data that was looked over came from sources of published exploits along with CVE's that were exploited in the wild. Taking this information and further looking into how and at what purpose those exploits were lunched to further learning about the nature that exploits were being executed. Topics that have been covered within the course can relate to this article as well. Class covered topics such as overlooking data breach studies overlaps with the material found within this article. Due to the nature of the process that both of the topics are covered with extensive research and looking over previous events to ensure more protection can be given. The article's overall topic can be related to the concerns of marginalized groups by ensuring further protection is undergoing research for them. Human factor groups such as the less tech-savvy will be further protected as system updates with grow smarter based off of the machine learning process from exploit prediction. Overall, this article is working to benefit the everyday technology user and the business that depends on the safety of their network. By establishing better exploit prediction further advancements to limiting vulnerabilities will go into effect.