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A Relative Study on Cyber Security - Knowledge, Awareness and Threats

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Abstract

The advent of the 21st century has been paralleled with ambitious strides for humankind, specifically in the areas of technology and computer innovation. Unfortunately, this quick-paced progression is pursued to the detriment of security and privacy in the virtual sphere. While lowered inhibitions around cyber security might account to be a necessity that is further catalysed by the global pandemic, the outcomes of the recent quick-changing mechanisms across industries and organizations can prove to be of momentous concern.

This article provides an attempt to investigate the underlying effects and correlation between these varying cyber threats and demographic factors such as age and gender. Research has also been carried out to study the degree of awareness and extent of faith in remedies and preventive measures placed by a sample of about 173 respondents of diverse backgrounds from the general population.

The findings of this study point to the need for increased cyber security awareness programs across demographic variation and enhanced policy and strategy framework.