

Summary Response:

Thank for your response, I had a wonderful time having a lively discussion with my peers and reading their comments.

In my initial post, I discussed data breaches and the time it takes to detect them. It's not an easy question to answer, but I believe that the lack of security awareness, policy, and the high cost of the technologies are the key factors. Security technologies are not affordable for all businesses, and after only a few years of adoption, the technology becomes obsolete and no longer has the ability to detect newer threats. As a result, it is imperative that the organization's security policies and tools are constantly reassessed.

The essential component begins with the users; it is critical to monitor user activity and to put in place cyber surveillance and data breach detection systems to prevent data breaches. We overlooked a vital component, our users, with all our investment in infrastructure security and prevention! User Activity Monitoring is fast gaining traction as an essential component of cyber surveillance and data breach detection because it addresses this critical gap. Unless and until businesses implement proper user-centric monitoring technologies, data breaches will continue to go unnoticed.

Unit 2 focused on data protection regulations and international regulatory issues that influenced cyber security, which is now a worldwide concern. I discovered the significance of data privacy laws and principles. I also recognize the need of businesses adhering to national data protection and other regulatory requirements pertaining to data privacy. (Lee, et al, 2016)

After completing Unit 3, which covered ways to creating Cyber Security solutions, I learned the need of threat modelling in order to protect information technology assets (IT assets) from threats and vulnerabilities. These instances and researches prepared me for the discussion forum and taught me the importance of cyber security awareness in related to information systems security and data protection regulations.

1. Wanbil, L & et al, (2016) An Ethical Approach to Data Privacy Protection available at: <https://www.isaca.org/resources/isaca-journal/issues/2016/volume-6/an-ethical-approach-to-data-privacy-protection> [Accessed 26 March 2022].