

## **1) Which emerging trends in Cybersecurity would you like to learn?**

The burgeoning employment of Artificial Intelligence (AI) and Machine Learning (ML) in the realm of cybersecurity highlights the necessity of acquiring knowledge on how to effectively leverage these technologies in the identification and prevention of cyber threats.

With the rising number of organizations transitioning their operations to the cloud, it is vital to comprehend the exceptional security challenges inherent in cloud computing and how to counteract them.

The proliferation of Internet of Things (IoT) devices requires a deep understanding of the security hazards associated with them and how to effectively safeguard them.

The emergence of quantum computing poses a potential threat to current cryptographic methodologies. Therefore, the exploration of quantum-safe cryptographic methods and preparation for the shift to post-quantum cryptography is a crucial emerging trend in cybersecurity.

As more businesses move toward digital operations, Identity and Access Management (IAM) has gained increasing importance in preserving the security of digital identities and data. Hence, comprehending IAM and implementing it efficiently is essential.

With the escalating demand for cybersecurity professionals, the talent gap in the field continues to grow. Therefore, the acquisition of knowledge on strategies to bridge this gap and develop the requisite skills for a career in cybersecurity is a crucial emerging trend to contemplate.

## **2) What are the main takeaways from this event?**

The Emerging Trends in Cybersecurity conference provided a plethora of insights, highlighting the necessity of staying abreast of the rapidly evolving field of cybersecurity. The burgeoning use of Artificial Intelligence (AI) and Machine Learning (ML) in cybersecurity was a significant topic of discussion, underscoring the exigency of effectively harnessing these technologies to identify and thwart cyber threats. Furthermore, the singular security challenges that cloud computing poses and the manifold security risks associated with the Internet of Things (IoT) were also vigorously scrutinized. Attendees accentuated the need for quantum-safe cryptographic methods as quantum computing has the potential to endanger existing cryptographic methods. IAM, a critical component in preserving the security of digital identities and data, was also discussed. Finally, the conference broached the dearth of skilled cybersecurity professionals and deliberated strategies to bridge the talent gap and cultivate the essential skills imperative for a career in cybersecurity. The overall tenor of the conference was one of enlightenment, emphasizing the imperative of being well-informed and malleable to new technologies and threats.