

Problem Statement:

The rapid growth and increasing reliance on digital technologies have created a complex and vulnerable digital landscape, exposing individuals, businesses, and organizations to a multitude of escalating cyber threats. These threats, including data breaches, ransomware, phishing, and other malicious attacks, have resulted in significant financial losses, compromised sensitive information, and damaged reputations. Furthermore, the evolving nature of cyber threats, combined with the lack of awareness and inadequate cyber security measures, has made it challenging for individuals and organizations to protect themselves against these threats. Therefore, it is essential to explore cyber security, understand the threats, and develop effective solutions to mitigate these risks and protect against evolving cyber threats in the digital age.