

## **Problem Statement:**

In the rapidly evolving digital age, cybersecurity threats such as malware attacks, data breaches, phishing scams, and insider threats have become increasingly sophisticated, posing significant risks to individuals, organizations, and governments. The lack of awareness, inadequate security measures, and the growing complexity of cyber-attacks make it challenging to protect sensitive data and digital infrastructure. This project aims to explore and understand the various cybersecurity threats and develop innovative, technology-driven solutions to enhance digital security, mitigate risks, and ensure data privacy in an interconnected world.