

## 2.3 Problem Statement

As cyber threats grow more sophisticated, there is a critical gap in understanding and addressing these risks. This project aims to explore emerging threats, identify system vulnerabilities, and propose solutions to enhance cybersecurity for better data and privacy protection.

### Objectives of the Project :

1. **Identify Cyber Threats** – Analyze various cyber risks such as malware, phishing, and ransomware.
2. **Explore Security Solutions** – Study encryption, firewalls, multi-factor authentication, and other protective measures.
3. **Promote Cyber Awareness** – Educate individuals and organizations on best practices for digital safety.
4. **Assess Emerging Technologies** – Examine the role of AI, blockchain, and other innovations in cybersecurity.