

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.