**Abstract:** In today's digital era, cybersecurity has become a crucial aspect of protecting sensitive data and ensuring online safety. With the rapid advancement of technology, cyber threats such as malware, phishing attacks, ransomware, and data breaches are increasing, posing significant risks to individuals, businesses, and governments. This project serves as a comprehensive guide for students, professionals, and organizations to build a strong foundation in cybersecurity, fostering a culture of awareness and resilience against evolving cyber threats.

**Scope of the Project :**

A. Cybersecurity Threats

* Malware (Viruses, Worms, Trojans)

B. Security Solutions & Countermeasures

* Antivirus and Firewalls

C. Cybersecurity Awareness & Best Practices

* Importance of Strong Passwords & Authentication

D. Future Trends in Cybersecurity

* Role of AI and Automation in Threat Detection

**Objectives of the Project :**

 To analyse different types of cybersecurity threats (malware, phishing, ransomware, etc.).

 To understand the impact of cyber threats on businesses, individuals, and governments.

 To explore preventive measures and security solutions.

 To study the role of artificial intelligence, blockchain, and other technologies in cybersecurity.

 To raise awareness and educate users on best security practices.