

Cybersecurity Threat Detection

Learn how to detect and defend against cybersecurity threats.

Category: Cyber Security · Duration: 2 days

WHO IT IS FOR

- Security engineers and system administrators
- Teams that want hands-on practice on real scenarios

This comprehensive training program focuses on teaching participants the skills and knowledge needed to effectively detect and respond to cybersecurity threats. Through hands-on exercises and real-world scenarios, attendees will gain a deep understanding of threat detection techniques, incident response strategies, and best practices for maintaining a secure network infrastructure. Upon completion, participants will be equipped with the necessary tools to identify, analyze, and mitigate cybersecurity threats within their organizations.

Prerequisites

Basic understanding of computer networks and security concepts.

Syllabus

- Introduction to Cyber Threats
- Understanding the Cybersecurity Landscape
- Common Cyber Attack Vectors
- Malware Analysis and Detection
- Network Traffic Analysis
- Intrusion Detection Systems
- Security Incident Response
- Log Analysis and Event Correlation
- Vulnerability Assessment
- Penetration Testing
- Secure Configuration Management
- Web Application Security
- Wireless Security
- Cloud Security

- Data Loss Prevention
- Threat Intelligence and Information Sharing
- Digital Forensics Basics
- Advanced Persistent Threats
- Cyber Threat Hunting
- Security Policies and Compliance
- Emerging Trends in Cybersecurity