



Cyber Threat **INTELLIGENCE**

Course Overview:

Threat Intelligence Course

Step into the world of **Threat Intelligence** and learn how cyber threats are identified, analyzed, and tracked before they cause damage. This course is designed for **beginners, IT graduates, and working professionals** who want to build a career in **cyber threat analysis and intelligence**.

You will learn:

- Basics of Threat Intelligence
- Types of Threat Intelligence (Strategic, Tactical, Operational, Technical)
- Threat Actors & Attack Techniques
- Indicators of Compromise (IOCs)
- MITRE ATT&CK Framework
- Threat Intelligence Tools & OSINT
- Threat Reporting & Sharing

By the end of the course, you will gain **job-ready skills** to work as a **Threat Intelligence Analyst, SOC Analyst, or Cyber Analyst**, and help organizations **detect and prevent cyber attacks proactively**.

1. Introduction to Threat Intelligence :

- What is Threat Intelligence?
- Importance of Threat Intelligence in Cybersecurity
- Types of Threat Intelligence (Strategic, Tactical, Operational, Technical)

2. Threat Landscape :

- Cyber Threat Actors (Hackers, Insider Threats, APTs)
- Malware, Ransomware, Phishing, DDoS Attacks
- Threat Vectors & Attack Methods

3. Intelligence Lifecycle :

- Planning & Direction
- Collection of Threat Data
- Processing & Analysis
- Dissemination & Feedback

4. Threat Data Sources :

- Open Source Intelligence (OSINT)
- Commercial Threat Feeds
- Dark Web & Underground Forums (Overview)
- Internal Logs & Security Tools

5. Indicators of Compromise (IOCs) :

- IPs, Domains, URLs, Hashes
- Tactics, Techniques & Procedures (TTPs)
- MITRE ATT&CK Framework
- Mapping IOCs to Attacks

6. Threat Analysis Techniques :

- Malware Analysis Basics
- Behavioral & Pattern Analysis
- Attribution Basics
- Threat Scoring & Prioritization

7. Threat Intelligence Tools :

- Threat Intelligence Platforms (TIPs)
- SIEM Integration
- MISP Overview
- VirusTotal & Other Tools

8. Operationalizing Threat Intelligence :

- Using Threat Intelligence in SOC
- Threat Hunting Basics
- Alert Enrichment
- Proactive Defense Strategies

9. Reporting & Communication :

- Threat Intelligence Reports
- Executive vs Technical Reporting
- Visualization & Dashboards
- Sharing Intelligence Safely

10. Legal, Ethics & Privacy :

- Legal Considerations in Threat Intelligence
- Data Privacy & Ethics
- Information Sharing Guidelines

11. Hands-On Labs & Case Studies :

- Collecting OSINT Data
- IOC Analysis & Correlation
- Threat Hunting Scenarios
- Real-World Attack Case Studies

12: Career & Certification Guidance :

- Roles: Threat Intelligence Analyst, SOC Analyst, Cyber Analyst
- Certifications: CTIA, GCTI, CISSP (Threat Intel Domain)
- Resume & Interview Preparation



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