Syntho Quest

CERTIFIED THREAT INTELLIGENCE ANALYST

COURSE

Prepared By (CTO) SYNTHOQUEST

45 Days Duration

Duration: 45 days × 2 hrs/day = 90 hrs

Goal: Equip professionals to collect, analyze, and disseminate cyber threat intelligence to strengthen organizational security posture.

Core Domains

1. **Introduction to Threat Intelligence (10%)**
   - Understanding cyber threat intelligence (CTI)
   - Types of threat intelligence: strategic, tactical, operational, technical
   - Cyber kill chain, MITRE ATT&CK framework
2. **Intelligence Requirements & Planning (15%)**
   - Defining intelligence requirements (IRs)
   - Target profiling and threat modeling
   - Planning collection strategies
3. **Data Collection & Sources (20%)**
   - Open Source Intelligence (OSINT)
   - Dark web intelligence
   - Threat feeds, malware repositories, honeypots
   - Network and endpoint telemetry
4. **Data Processing & Analysis (25%)**
   - Data validation, normalization, and enrichment
   - Correlation of IoCs and TTPs
   - Analytical methods: link analysis, pattern recognition, anomaly detection
   - Threat actor profiling
5. **Threat Intelligence Reporting & Dissemination (15%)**
   - Structured reporting formats (STIX/TAXII, JSON)
   - Tactical vs strategic reporting for stakeholders
   - Alert creation, dashboards, and visualizations
6. **Integration & Operationalization (15%)**
   - Threat intelligence for SOC, incident response, and proactive defense
   - Automating threat feeds into SIEM and firewall/IDS/IPS rules
   - Metrics and KPIs to measure CTI effectiveness

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