# CTIA-11 - COMPTIA SECAI+

Categoria: **CompTIA**

## INFORMAZIONI SUL CORSO

| Durata: | Categoria: | Qualifica Istruttore: | Dedicato a: | Produttore: |
|---|---|---|---|---|
| 5 Giorni | CompTIA | Docente Senior (min. 5 anni) | Professionista IT | CompTIA |

## OBIETTIVI

Skills you'll learn:

-Apply AI concepts to strengthen your organization’s cybersecurity posture.
-Secure AI systems using advanced controls and protections to safeguard data, models, and infrastructure.
-Leverage AI technologies to automate workflows, accelerate incident response, and scale security operations.
-Navigate global GRC frameworks to ensure ethical and compliant AI adoption across industries.
-Defend against AI-driven threats like adversarial attacks, automated malware, and malicious use of generative AI.
-Integrate AI securely into DevSecOps pipelines and enterprise security strategies.

## PREREQUISITI

Aver frequentato i corsi Security+, CySA+, PenTest+ e SecurityX o avere conoscenze equivalenti.

## CONTENUTI

**Module 1: Summarizing AI and Data Concepts for Cybersecurity**

-Explain AI Concepts for Cybersecurity
-Understand AI Model Training and Prompt Engineering
-Secure AI Data

**Module 2: Implementing Threat Modeling and Securing AI Systems**

-Use AI Threat Modeling
-Implement Security Controls for AI Systems

**Module 3: Installing Access Controls for AI**

-Deploy Access Controls for AI
-Apply Data Security Controls for AI Security
-Perform Monitoring and Auditing for AI Systems

**Module 4: Distinguishing AI-Related Threats and Compensating Controls**

-Demonstrate the Importance of Security in the AI Life Cycle
-Analyze AI System Attacks and Utilize Compensating Controls

**Module 5: Leveraging AI in Security and Understanding Its Misuse**

- -Use AI-Enabled Tools for Security Tasks
- -Summarize AI-Enabled and AI-Enhanced Attack Vectors
- -Use AI to Automate Security Tasks

**Module 6: Understanding AI Governance, Risk, and Compliance**

- -Classify Organizational Governance Structures for AI
- -Define the Risks Associated with AI
- -Explain the Impact of Compliance on Business Use and Development of AI

## INFO

**Esame:** CY0-001 - CompTIA SecAI+
**Materiale didattico:** Materiale didattico in formato digitale
**Costo materiale didattico:** incluso nel prezzo del corso a Calendario
**Natura del corso:** Operativo (previsti lab su PC)