

# AI+ Security: Level 3

**Category:** AI/ML | **Vendor:** AI Certs

**Duration:** 40.00 hours (5 days)

**32.5 CPD Hours**

**Rating:** ★ 4.6 (5,878 reviews)

## Course Information

<b>Language:</b>	English
<b>Delivery Format:</b>	Instructor Led - Online
<b>Certification:</b>	AI+ Security: Level 3
<b>Related Exam:</b>	AI+ Security: Level 3

## Course Overview

The AI+ Security: Level 3 course provides a comprehensive exploration of the intersection between AI and cybersecurity, focusing on advanced topics critical to modern security engineering. It covers foundational concepts in AI and machine learning for security, delving into areas like threat detection, response mechanisms, and the use of deep learning for security applications. The course addresses the challenges of adversarial AI, network and endpoint security, and secure AI system engineering, along with emerging topics such as AI for cloud, container security, and blockchain integration. Key subjects also include AI in identity and access management (IAM), IoT security, and physical security systems, culminating in a hands-on capstone project that tasks learners with designing and engineering AI-driven security solutions.

## About This Course

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## Who Should Attend

Security Analyst

### Prerequisites & Entry Requirements

#### General Prerequisites:

Completion of AI+ Security: Level 1 and AI+ Security: Level 2, Intermediate/Advanced Python Programming: Proficiency or expert in Python, including deep learning frameworks (TensorFlow, PyTorch)., Intermediate Machine Learning Knowledge: Proficiency in understanding of deep learning, adversarial AI, and model training., Advanced Cybersecurity Knowledge: Proficiency in threat detection, incident response, and network/endpoint security., AI in Security Engineering: Knowledge of AI's role in identity and access management (IAM), IoT security, and physical security., Cloud and Container Expertise: Understanding of cloud security, containerization, and blockchain technologies., Linux/CLI Mastery: Advanced command-line skills and experience with security tools in Linux environments

# Learning Outcomes

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**Upon successful completion of this course, participants will be able to:**

## **Course Objectives**

- Gain proficiency in applying deep learning algorithms for advanced cyber defense applications, such as malware analysis, phishing detection, and predictive threat modeling.
- Develop expertise in integrating AI with cloud and container security, emphasizing scalable and automated threat mitigation for cloud-based platforms and containerized applications.
- Master the application of AI techniques to enhance identity and access management by streamlining identity verification, managing access control systems, and securing authentication processes.
- Explore the use of AI to secure IoT devices by addressing unique challenges, including detecting compromised devices and safeguarding communication protocols.

## **□□ Certification Path**

AI+ Security: Level 3

Exam: AI+ Security: Level 3

## Additional Course Details

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Step into the future of technology with industry-recognised certifications from AI Certs covering the full organisations AI certification requirements. Whether you're starting your journey or advancing your career, our expert-led training programs give you the skills to design, build, and manage AI solutions using leading platforms and technologies. Gain real-world knowledge, and the confidence to drive innovation in any industry.

# Frequently Asked Questions

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## **Q: What delivery options are available for AI+ Security: Level 3?**

We offer multiple delivery formats:

- Live Instructor-Led Classroom Online (Virtual/Live Online)
  - Traditional Instructor-Led Classroom Training (ILT)
  - On-site delivery at your offices anywhere in United Kingdom
  - Private dedicated courses customized for your team
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## **Q: What certification does this course prepare me for?**

The AI+ Security: Level 3 course helps prepare you for the AI+ Security: Level 3 certification path.

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## **Q: Which exam does this course prepare me for?**

This course prepares you for the AI+ Security: Level 3 official exam. You can take this exam at any exam center across United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online wherever you are located.

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## **Q: How many CPD hours does this course provide?**

The 5-day AI+ Security: Level 3 course provides up to 32.5 CPD hours of structured learning. CPD certificates can be provided upon request.

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## **Q: What is the duration of the AI+ Security: Level 3 training?**

The training takes place over 5 day(s), with each day lasting approximately 40.00 hours including breaks for lunch and refreshments.

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## **Q: Do you provide corporate training for AI+ Security: Level 3?**

Yes, we provide corporate training, dedicated training, and closed classes for AI+ Security: Level 3. Training can take place anywhere in United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online allowing teams from across United Kingdom or internationally to attend.

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### Q: Why choose Nexus Human for AI+ Security: Level 3?

Nexus Human is recognized as one of the leading training providers. Our trainers have won multiple awards including:

- Small Firms Best Trainer Award
- National Training Partner of the Year (Ireland) - Multiple Years
- Global Top 30 Instructor Awards (2012, 2019, 2021)
- Tech Excellence Award Nominations
- Learning Performance Institute (LPI) External Training Provider Sponsor 2024

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### Q: Are there any discount codes available?

Yes! Use discount code **PENPAL5** when booking your AI+ Security: Level 3 training. Please note that only one discount code can be used per booking and cannot be combined with other special offers.

## Nexus Human

### Professional Training & Development

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