

# AI+ Architect

**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+ Architect
<b>Related Exam:</b>	AI+ Architect

## Course Overview

The AI+ Architect course provides a comprehensive exploration into the realm of neural networks, beginning with foundational principles and advancing to specialized applications. Participants will delve into the basics of neural networks, including their architecture and implementation, and then progress to optimization techniques such as hyperparameter tuning and regularization. The course also covers specific neural network architectures tailored for natural language processing (NLP) and computer vision, with hands-on projects to solidify learning.

Beyond technical skills, the course addresses critical aspects of AI infrastructure, deployment strategies, and ethical considerations, ensuring a holistic understanding of AI design and implementation. Students will explore generative AI models and cutting-edge research techniques, culminating in a capstone project that synthesizes their acquired knowledge. This project-based learning approach ensures that participants are well-equipped to tackle real-world AI challenges and contribute to the field's advancement.

## About This Course

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## Who Should Attend

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Technical Architect

# Learning Outcomes

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

## Course Objectives

- Gain a solid foundation in neural network principles, including architecture, implementation, and optimization techniques such as hyperparameter tuning, regularization, and various optimization algorithms.
- Develop expertise in applying neural network models to specific domains like natural language processing (NLP) and computer vision, through hands-on projects and practical applications.
- Learn to assess model performance using various evaluation techniques, and improve model accuracy and efficiency by implementing advanced optimization strategies.
- Acquire knowledge of the infrastructure required for AI development and deployment, and practice deploying AI models in real-world scenarios.
- Understand ethical considerations in AI design, implement responsible AI practices, and explore generative AI models and contemporary AI research techniques through practical, hands-on activities.

## 📄 Certification Path

AI+ Architect

Exam: AI+ Architect

## 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+ Architect?**

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+ Architect course helps prepare you for the AI+ Architect certification path.

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

This course prepares you for the AI+ Architect 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+ Architect 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+ Architect 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+ Architect?**

Yes, we provide corporate training, dedicated training, and closed classes for AI+ Architect. 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+ Architect?

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+ Architect 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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