

# AI+ Quantum

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

## Course Overview

The AI+ Quantum course program provides an in-depth exploration of the intersection between Artificial Intelligence (AI) and Quantum Computing. This comprehensive course begins with a refresher on AI and Quantum Computing fundamentals, setting a solid foundation for understanding advanced topics. Participants will delve into Quantum Computing Gates, Circuits, and Algorithms, learning about core quantum algorithms and their applications in AI.

The curriculum covers Quantum Machine Learning (QML) and Quantum Deep Learning, showcasing how these technologies are revolutionizing traditional AI methods. Ethical considerations are integrated throughout the course, ensuring participants understand the implications of their work. With discussions on current trends, future outlooks, and real-world case studies, attendees will gain practical insights. Hands-on workshops provide the opportunity to apply learned concepts, making this course essential for professionals and enthusiasts aiming to innovate in the transformative field of AI and Quantum Computing.

## About This Course

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## Who Should Attend

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AI Engineer

# Learning Outcomes

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

## **Course Objectives**

- Gain a foundational understanding of Artificial Intelligence and Quantum Computing concepts and techniques.
- Learn about Quantum Computing Gates, Circuits, and Algorithms, and their applications in AI.
- Explore Quantum Machine Learning and Quantum Deep Learning, focusing on algorithms for regression, classification, and neural networks.
- Understand the ethical considerations in AI and Quantum Computing, ensuring responsible implementation and development.
- Stay updated on current trends, future outlooks, and practical use-cases in AI and Quantum Computing.

## **□□ Certification Path**

AI+ Quantum

Exam: AI+ Quantum

## 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+ Quantum?**

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

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

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

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

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+ Quantum 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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