AI+ Network

Category: AI, Data & Analytics | **Vendor:** AI Certs

Duration: 40.00 hours (5 days) **32.5 CPD Hours** **Rating:** ⭐ 4.6 (5,878 reviews)

Course Information

Delivery Format:	Instructor Led - Online
Certification:	AI+ Network
Related Exam:	AI+ Network

Course Overview

Master the Future of Networking: Harness AI for Automation, Security, and Next-Generation Efficiency This course provides professionals with the basic knowledge and advanced skills needed to understand the combination of artificial intelligence and current networking technologies. It discusses fundamental networking concepts, newer technologies such as SDN and NFV, and how AI can enhance network efficiency. Important focus areas consist of AI-powered network automation, orchestration, and security upgrades, combined with hands-on projects and practical labs for real-life implementation. The class ends by examining new developments and upcoming pathways in AI-enhanced networking, getting students ready for leading positions in this quickly changing sector.

About This Course

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Who Should Attend

Network Engineer

Prerequisites & Entry Requirements

General Prerequisites:

Basic understanding of networking fundamentals., Familiarity with programming languages such as Python., Fundamental knowledge of AI and machine learning concepts.

Learning Outcomes

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

Course Objectives

- AI-Powered Network Automation
- AI-Enhanced Network Security
- Network Optimization through AI
- AI for Incident Response and Cybersecurity Intelligence

Detailed Course Outline

- Networking Foundations

  Basic Networking Concepts Networking Protocols and Standards Network Infrastructure and Design Introduction to Network Security

- Advanced Networking Technologies

  Network Virtualization and Cloud Networking Emerging Network Architectures Advanced Routing and Switching Network Storage and Data Centers

- AI in Networking

  Introduction to AI and Machine Learning AI-Driven Network Optimization AI for Network Security and Threat Detection AI-Enhanced Network Management

- Network Automation and Orchestration

  Fundamentals of Network Automation AI-Driven Network Orchestration Policy-Driven Network Management Case Studies in Network Automation

- AI-Enhanced Network Security

  Advanced Threat Detection with AI Secure Network Design and Architecture AI for Cybersecurity Intelligence Ethical Considerations in AI-Driven Security

- Practical Labs and Hands-On Projects

Network Simulation and Emulation AI-Driven Network Automation Projects AI for Network Security Projects Capstone Project (Using Google Colab and Azure cloud)

- Emerging Trends and Future Directions

Future of AI in Networking AI-Powered IoT Networks Blockchain and AI in Networking Continuous Learning and Career Development

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, Optional Module: AI Agents for Network Management, Networking Foundations, Advanced Networking Technologies, AI in Networking, Network Automation and Orchestration, AI-Enhanced Network Security, Practical Labs and Hands-On Projects, Emerging Trends and Future Directions

Certification Path

AI+ Network

Exam: AI+ Network

Additional Course Details

Nexus Humans AI+ Network training program is a workshop that presents an invigorating mix of sessions, lessons, and masterclasses meticulously crafted to propel your learning expedition forward. This immersive bootcamp-style experience boasts interactive lectures, hands-on labs, and collaborative hackathons, all strategically designed to fortify fundamental concepts.

Guided by seasoned coaches, each session offers priceless insights and practical skills crucial for honing your expertise. Whether you're stepping into the realm of professional skills or a seasoned professional, this comprehensive course ensures you're equipped with the knowledge and prowess necessary for success.

While we feel this is the best course for the AI+ Network course and one of our Top 10 we encourage you to read the course outline to make sure it is the right content for you.

Additionally, private sessions, closed classes or dedicated events are available both live online and at our training centres in Dublin and London, as well as at your offices anywhere in the UK, Ireland or across EMEA.

Frequently Asked Questions

Q: What delivery options are available for AI+ Network?

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

Q: What certification does this course prepare me for?

The AI+ Network course helps prepare you for the AI+ Network certification path.

Q: Which exam does this course prepare me for?

This course prepares you for the AI+ Network 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.

Q: How many CPD hours does this course provide?

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

Q: What is the duration of the AI+ Network training?

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

Q: Do you provide corporate training for AI+ Network?

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

Q: What related terms do people search for?

Popular related searches include: AI+ Network, AI Certs, vILT

Q: Why choose Nexus Human for AI+ Network?

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

Q: Are there any discount codes available?

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

Nexus Human

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