

# CertNexus Certified Artificial Intelligence Practitioner CAIP (AIP-210)

**Category:** AI | **Vendor:** CertNexus

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

**32.5 CPD Hours**

**Rating:** ★ 4.6 (5,878 reviews)

## Course Information

**Delivery Format:** Instructor Led - Online

## Course Overview

Artificial intelligence (AI) and machine learning (ML) have become essential parts of the toolset for many organizations. When used effectively, these tools provide actionable insights that drive critical decisions and enable organizations to create exciting, new, and innovative products and services. This course shows you how to apply various approaches and algorithms to solve business problems through AI and ML, all while following a methodical workflow for developing data-driven solutions.

## About This Course

Artificial intelligence (AI) and machine learning (ML) have become essential parts of the toolset for many organizations. When used effectively, these tools provide actionable insights that drive critical decisions and enable organizations to create exciting, new, and innovative products and services. This course shows you how to apply various approaches and algorithms to solve business problems through AI and ML, all while following a methodical workflow for developing data-driven solutions.

## Who Should Attend

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The skills covered in this course converge on four areas—software development, IT operations, applied math and statistics, and business analysis. Target students for this course should be looking to build upon their knowledge of the data science process so that they can apply AI systems, particularly machine learning models, to business problems. So, the target student is likely a data science practitioner, software developer, or business analyst looking to expand their knowledge of machine learning algorithms and how they can help create intelligent decisionmaking products that bring value to the business. A typical student in this course should have several years of experience with computing technology, including some aptitude in computer programming. This course is also designed to assist students in preparing for the CertNexus® Certified Artificial Intelligence (AI) Practitioner (Exam AIP-210) certification

# Learning Outcomes

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

In this course, you will develop AI solutions for business problems.

You will:

Solve a given business problem using AI and ML.

Prepare data for use in machine learning.

Train, evaluate, and tune a machine learning model.

Build linear regression models.

Build forecasting models.

Build classification models using logistic regression and k -nearest neighbor.

Build clustering models.

Build classification and regression models using decision trees and random forests.

Build classification and regression models using support-vector machines (SVMs).

Build artificial neural networks for deep learning.

Put machine learning models into operation using automated processes.

Maintain machine learning pipelines and models while they are in production

## Additional Course Details

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Nexus Humans CertNexus Certified Artificial Intelligence Practitioner CAIP (AIP-210) 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 CertNexus Certified Artificial Intelligence Practitioner CAIP (AIP-210) 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

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## **Q: What delivery options are available for CertNexus Certified Artificial Intelligence Practitioner CAIP (AIP-210)?**

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

The 5-day CertNexus Certified Artificial Intelligence Practitioner CAIP (AIP-210) 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 CertNexus Certified Artificial Intelligence Practitioner CAIP (AIP-210) 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 CertNexus Certified Artificial Intelligence Practitioner CAIP (AIP-210)?**

Yes, we provide corporate training, dedicated training, and closed classes for CertNexus Certified Artificial Intelligence Practitioner CAIP (AIP-210). 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 CertNexus Certified Artificial Intelligence Practitioner CAIP (AIP-210)?

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 **PENPALS** when booking your CertNexus Certified Artificial Intelligence Practitioner CAIP (AIP-210) 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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