Exam Prep: AWS Certified AI Practitioner (AIF-C01)

Category: AI, Data & Analytics | **Vendor:** Amazon Web Services

Duration: 8.00 hours (1 days) **6.5 CPD Hours** **Rating:** ⭐ 4.6 (5,878 reviews)

Course Information

Delivery Format:	Instructor Led - Online
Certification:	AWS Certified AI Practitioner
Related Exam:	AIF-C01

Course Overview

Exam Prep: AWS Certified AI Practitioner (AIF-C01) is a one-day ILT where you learn how to assess your preparedness for the AWS Certified AI Practitioner (AIF-C01) exam. The AWS Certified AI Practitioner (AIF-C01) exam validates in-demand knowledge of AI, machine learning (ML), and generative AI concepts and use cases.

This intermediate-level course prepares you for the AWS Certified AI Practitioner (AIF-C01) exam by providing a comprehensive exploration of the exam topics. You'll delve into the key areas covered on the exam, understanding how they relate to developing AI and machine learning solutions on the AWS platform. Through detailed explanations and walkthroughs of exam-style questions, you'll reinforce your knowledge, identify gaps in your understanding, and gain valuable strategies for tackling questions effectively. The course includes review of exam-style sample questions, to help you recognize incorrect responses and hone your test-taking abilities. By the end, you'll have a firm grasp on the concepts and practical applications tested on the AWS Certified AI Practitioner certification exam.

About This Course

This course includes subject overview presentations, exam-style questions, use cases, and group discussions and activities.

Who Should Attend

- This course is intended for individuals who are preparing for the AWS Certified AI Practitioner (AIF-C01) exam.

Prerequisites & Entry Requirements

General Prerequisites:

You are not required to take any specific training before taking this course. However, the following prerequisite knowledge is recommended prior to taking the AWS Certified AI Practitioner (AIF-C01) exam.

Recommended AWS knowledge

- Familiarity with the core AWS services (for example, Amazon EC2, Amazon S3, AWS Lambda,and Amazon SageMaker AI) and AWS core services use cases.
- Suggested to have up to 6 months of exposure to AI and ML technologies on AWS.
- Are familiar with, but do not necessarily build, solutions using AI and ML technologies on AWS.
- Familiarity with the AWS shared responsibility model for security and compliance in the AWS Cloud.
- Familiarity with AWS Identity and Access Management (IAM) for securing and controlling access to AWS resources.
- Familiarity with the AWS global infrastructure, including the concepts of AWS Regions, Availability Zones, and edge locations.
- Familiarity with AWS service pricing models.

Recommended courses

The following courses (or similar) are recommended but not required.

- Fundamentals of Machine Learning and Artificial Intelligence (1 hour)
- Exploring Artificial Intelligence Use Cases and Applications (1 hour)
- Responsible Artificial Intelligence Practices (1 hour)
- Developing Machine Learning Solutions (1 hour)
- Developing Generative Artificial Intelligence Solutions (1 hour)
- Essentials of Prompt Engineering (1 hour)
- Optimizing Foundation Models (1 hour)
- Security, Compliance, and Governance for AI Solutions (1 hour)
- Generative AI for Executives (GENAIEX)

- Amazon Q Business Getting Started (0.75 hour)
- Amazon Bedrock Getting Started (1 hour)
- Getting Started with Amazon Comprehend: Custom Classification (1.25 hours)
- Build a Question-Answering Bot Using Generative AI (1.5 hours)

Learning Outcomes

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

In this course, you will learn to:

- Identify the scope and content tested by the AWS Certified AI Practitioner (AIF-C01) exam.
- Practice exam style questions and evaluate your preparation strategy.
- Examine use cases and differentiate between them.

Detailed Course Outline

Introduction

Domain 1: Fundamentals of AI and ML

- 1.1: Explain basic AI concepts and terminologies
- 1.2: Identify practical use cases for AI
- 1.3: Describe the ML development lifecycle

Domain 2: Fundamentals of Generative AI

- 2.1: Explain the basic concepts of generative AI
- 2.2: Understand the capabilities and limitations of generative AI for solving business problems
- 2.3: Describe AWS infrastructure and technologies for building generative AI applications

Domain 3: Applications of Foundation Models

- 3.1: Describe design considerations for applications that use foundation models

- 3.2: Choose effective prompt engineering techniques

- 3.3: Describe the training and fine-tuning process for foundation models

- 3.4: Describe methods to evaluate foundation model performance

Domain 4: Guidelines for Responsible AI

- 4.1: Explain the development of AI systems that are responsible

- 4.2: Recognize the importance of transparent and explainable models

Domain 5: Security, Compliance, and Governance for AI Solutions

- 5.1: Explain methods to secure AI systems

- 5.2: Recognize governance and compliance regulations for AI systems

Course completion, Introduction, Fundamentals of AI and ML, Fundamentals of Generative AI, Applications of Foundation Models, Guidelines for Responsible AI, Security, and Governance for AI Solutions

□□ Certification Path

AWS Certified AI Practitioner

Exam: AIF-C01

Skills You Will Learn:

In this course, you will learn to:

- Identify the scope and content tested by the AWS Certified AI Practitioner (AIF-C01) exam.
- Practice exam style questions and evaluate your preparation strategy.
- Examine use cases and differentiate between them.

Frequently Asked Questions

Q: What delivery options are available for Exam Prep: AWS Certified AI Practitioner (AIF-C01)?

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 Exam Prep: AWS Certified AI Practitioner (AIF-C01) course helps prepare you for the AWS Certified AI Practitioner certification path.

Q: Which exam does this course prepare me for?

This course prepares you for the AIF-C01 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 1-day Exam Prep: AWS Certified AI Practitioner (AIF-C01) course provides up to 6.5 CPD hours of structured learning. CPD certificates can be provided upon request.

Q: What is the duration of the Exam Prep: AWS Certified AI Practitioner (AIF-C01) training?

The training takes place over 1 day(s), with each day lasting approximately 8.00 hours including breaks for lunch and refreshments.

Q: Do you provide corporate training for Exam Prep: AWS Certified AI Practitioner (AIF-C01)?

Yes, we provide corporate training, dedicated training, and closed classes for Exam Prep: AWS Certified AI Practitioner (AIF-C01). 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: Exam Prep: AWS Certified AI Practitioner (AIF-C01), Machine Learning, EPCAIP, Amazon Web Services, vILT, Exam Prep

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Q: Why choose Nexus Human for Exam Prep: AWS Certified AI Practitioner (AIF-C01)?

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 Exam Prep: AWS Certified AI Practitioner (AIF-C01) training. Please note that only one discount code can be used per booking and cannot be combined with other special offers.

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