AWS Certified AI Practitioner

Length: 1 days
Format: Live Remote
Time: Day

About This Course

This class delves 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.

Required Exams

Candidates earn their AWS Certified AI Practitioner certification by successfully completing one exam: AWS Certified AI Practitioner (AIF-C01)

Audience Profile

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

Course Objectives

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.

Outline

Module 1: Fundamentals of AI and ML1.1: Explain basic AI concepts and terminologies

1.2: Identify practical use cases for AI

1.3: Describe the ML development lifecycle

Module 2: Fundamentals of Generative AI2.1: 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

Module 3: Applications of Foundation Models3.1: 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

Module 4: Guidelines for Responsible AI4.1: Explain the development of AI systems that are responsible

4.2: Recognize the importance of transparent and explainable models

Module 5: Security, Compliance, and Governance for AI Solutions5.1: Explain methods to secure AI systems

5.2: Recognize governance and compliance regulations for AI systems