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Register

AWS AI Practitioner Certification Training
1 day (7 hours)

Overview

AWS Certified AI Practitioner is an introductory certification that validates your understanding of the fundamental concepts of artificial intelligence and machine learning, as well as their implementation in the AWS ecosystem.

This one-day certification training course provides you with a clear, structured, and accessible overview of AI in the cloud, without requiring advanced data science skills. It is designed for professionals who want to understand the uses, services, and challenges of modern AI in a cloud context.

You will discover the main AWS AI & Machine Learning services, the basics of generative AI, best practices for security and governance, and the essential concepts for communicating effectively with technical or data teams.

By the end of this training, you will be able to understand the key concepts of AI on AWS, identify the right services for your business needs, and confidently take the AWS Certified AI Practitioner certification exam.

Like all our training courses, this one is based on the latest AWS AIF-C01 certification framework and incorporates recent developments in generative AI.

Objectives

- Understand the fundamental concepts of artificial intelligence.
- Identify the main AWS AI & ML services.
- Understand the use cases for generative AI.
- Understand the challenges of security, governance, and costs.
- Effectively prepare for AWS AI Practitioner certification.

Target audience

- IT and cloud professionals
- Cloud developers and engineers
- Architects and technical project managers
- Anyone seeking accessible AWS AI certification

Prerequisites

- Basic knowledge of cloud computing
- General IT concepts
- No advanced AI skills required

AWS AI Practitioner Certification (AIF-C01) training program

Fundamentals of AI and Machine Learning on AWS

- Understanding key concepts: AI, machine learning, deep learning, generative AI
- Differences between traditional AI and generative AI
- Common business use cases for AI in the cloud
- Machine learning project lifecycle
- Responsibility, ethics, and bias in AI
- Hands-on workshop: Identifying and classifying relevant AI use cases.

AWS services for AI and machine learning

- Overview of AWS AI & ML services
- Amazon SageMaker: role and principles
- Managed AI services: vision, language, recommendations
- Generative AI on AWS: positioning and uses
- Choosing the right service for your business needs
- Hands-on workshop: Matching a business case to the right AWS service.

Security, governance, and preparation for AIF-C01 certification

- Data security and AI models on AWS
- Governance, compliance, and cloud best practices
- Costs, billing, and optimization of AI services
- AWS AI Practitioner exam structure and format
- Review strategies and exam pitfalls
- Hands-on workshop: Mock exam + correction.

Target companies

This training is intended for both individuals and companies, small or large.

wishing to train its teams in advanced new IT technology or to acquire specific professional knowledge or modern methods.

Positioning at the start of training

The positioning at the start of training complies with Qualiopi quality criteria. Upon final registration, learners receive a self-assessment questionnaire that allows us to assess their estimated level of proficiency in different types of technologies, as well as their expectations and personal objectives for the upcoming training, within the limits imposed by the selected format. This questionnaire also allows us to anticipate certain connection or internal security issues within the company (intra-company or virtual classroom) that could be problematic for the monitoring and smooth running of the training session.

Teaching methods

Practical training: 60% practical, 40% theory. Training materials distributed in digital format to all participants.

Organization

The course alternates between theoretical input from the trainer, supported by examples and reflection sessions, and group work.

Validation

At the end of the session, a multiple-choice questionnaire is used to verify that the skills have been correctly acquired.

Certification

A certificate will be issued to each trainee who has completed the entire training course.