AWS Discovery Day: Agentic AI Foundations (AWSDD-AAIF)

ID AWSDD-AAIF **Price** CHF -1.—(excl. VAT) **Duration** 1 hours

Who should attend

This course is intended for:

- Software developers new to Agentic AI seeking foundational knowledge
- Technical professionals exploring AI capabilities who are interested in core components and applications of agentic AI
- Development teams evaluating Agentic AI solutions and needing to differentiate between agent types

Prerequisites

We recommend that attendees of this course have:

- Generative AI Essentials or equivalent work experience
- Basic AWS knowledge and software development experience

Course Objectives

In this course, you will learn to:

- Summarize the evolution of Agentic AI and define what makes something "agentic"
- Identify core components of agentic systems
- Distinguish between workflow, autonomous, and hybrid agents
- Identify basic implementation patterns for Agentic AI

Course Content

M1: Exploring Agentic AI

This course introduction provides anstandard level of understanding for students in the course.

- What is an AI agent?
- Understanding agentic AI
- Types of AI agents
- Agentic AI applications

M2: Large Language Models (LLMs)

Discuss the benefits and challenges of using agents in your workflows with LLMs.

- What are LLMS?
- Understanding LLMs
- How are LLMs trained?
- LLM capabilities
- Challenges associated with LLMs
- Limitations of LLMs
- Fallacy of composition

M3: Innovations powering agents

Explore factors shaping agent development and its breadth of capabilities.

- Innovations shaping AI agents
- How AI-software integration works
- How chain of thought reasoning works
- Impact of multimodal inference
- Multi-agent collaboration
- Agentic frameworks to build agents

M4: Evolution timeline

Learn how long each phase is to take your agentic AI pipelines to production.

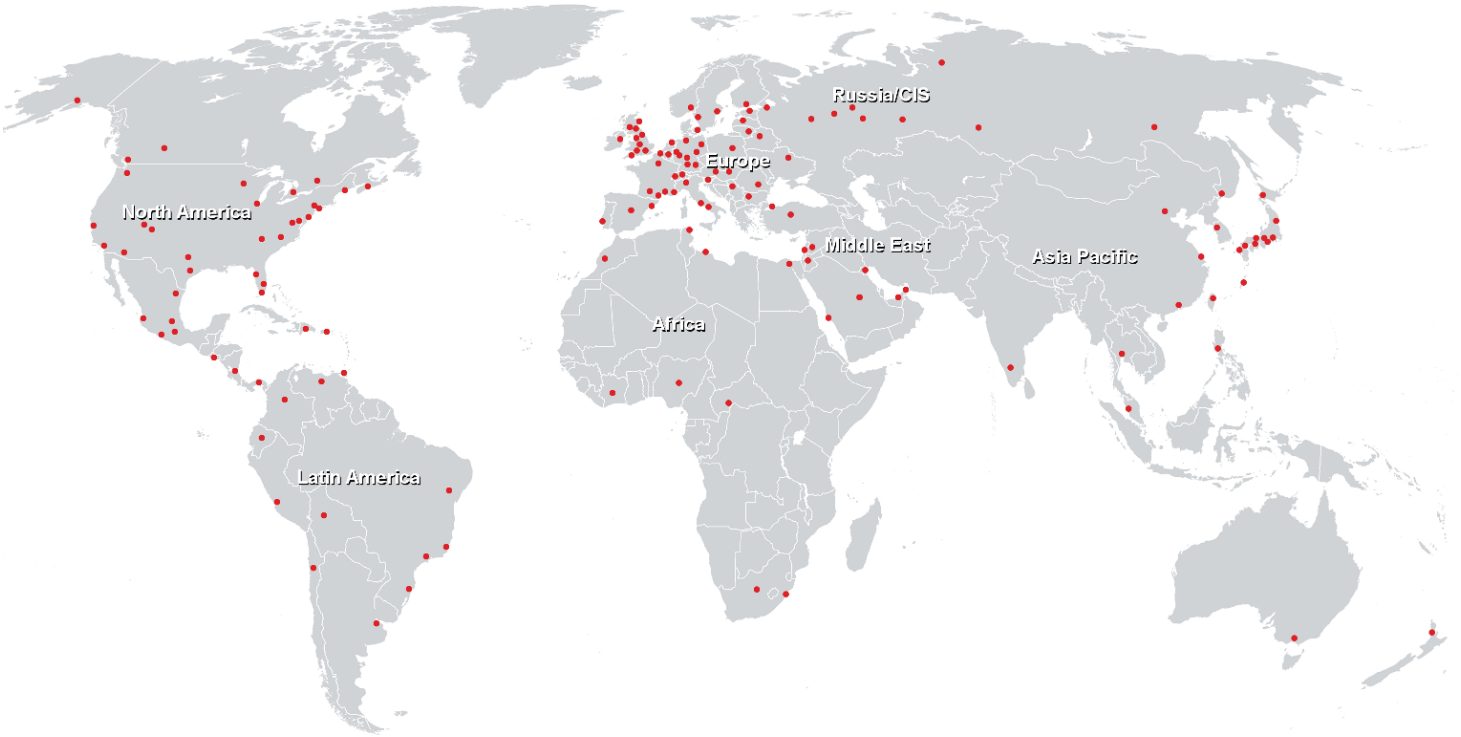
- Workflows to go from LLMs to agents
- Evolution of gen AI models
- Differences and similarities between assistants, agents, and AI systems

M5: Knowledge check + summary

Review what was learned in the course and advise on the next steps.

- Quiz questions
- Course summary
- Next steps and additional resources

Training Centres worldwide





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