Building Agentic AI Applications with Large Language Models (BAALLM)

ID BAALLM **Price** CHF 500.—(excl. VAT) **Duration** 8 hours

This course is part of the following Certifications

NVIDIA-Certified Professional: Agentic AI (NCP-AAI)

Prerequisites

- Introductory deep learning knowledge (including attention mechanisms and transformers). Experience from DLI's Getting Started with Deep Learning or Fundamentals of Deep Learning is preferred.
- Intermediate Python proficiency (including object-oriented programming and familiarity with ML libraries). Tutorials like Python Tutorial (w3schools.com) or equivalent practical experience suffice.

Course Objectives

By participating in this course, you will:

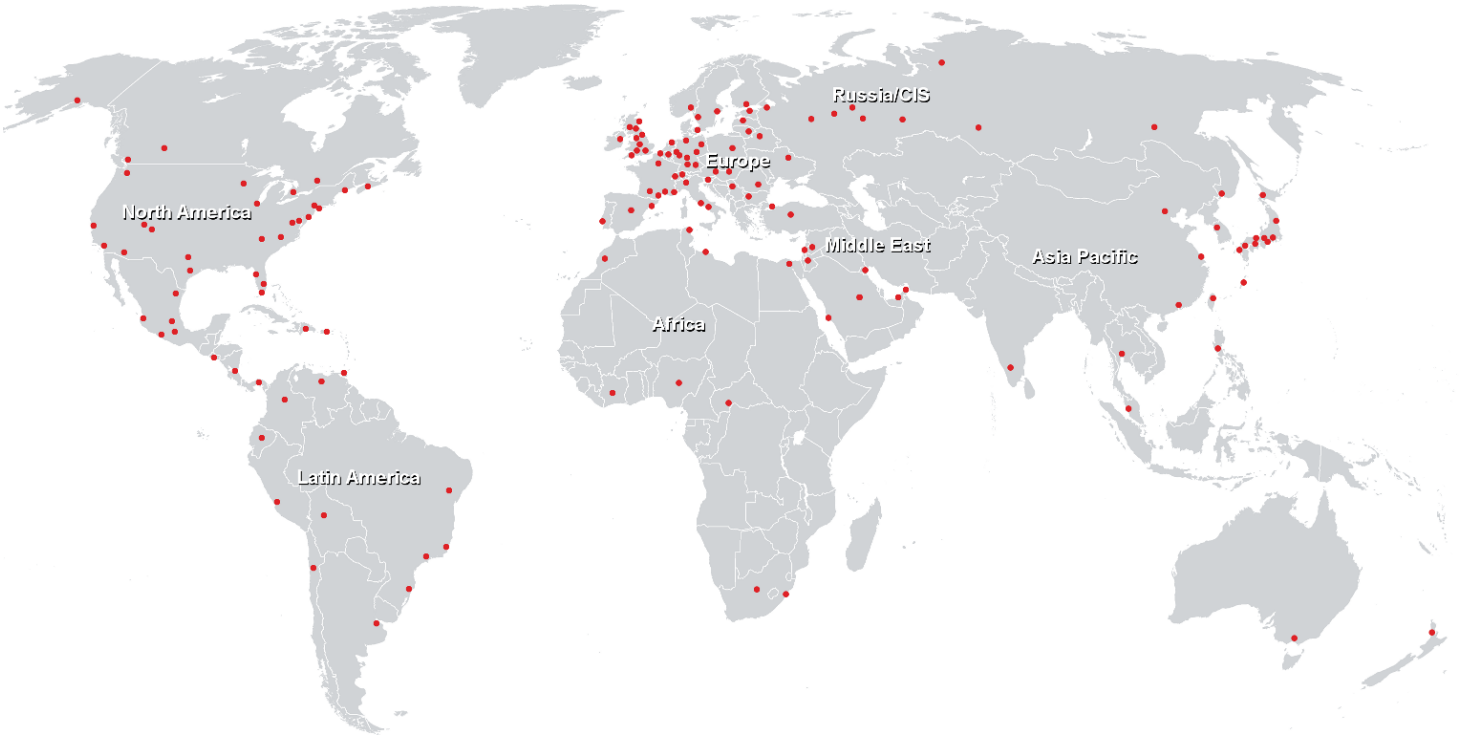
- Understand the strengths and limitations of LLMs, and why agent-based paradigms help us to empower them in our modern software landscape.
- Learn to produce structured outputs to enable machine-parseable function calls or API integrations.
- Explore retrieval mechanisms and knowledge graphs for domain knowledge.
- Experiment with multi-agent orchestration using frameworks like LangGraph.
- Implement resilient systems and data flywheels for production-oriented deployments.

Course Content

We start with basic LLM usage and agent fundamentals, covering structured outputs, retrieval, and knowledge graphs. We then move to multi-agent concurrency, data flywheels, real-time constraints, and scaling considerations—finishing with a final assessment that has you interfacing with a scalable multi-tenant agent API.

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Training Centres worldwide





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