

ODC Agentic AI Boot Camp

OEM: OutSystems

COURSE DESCRIPTION

The ODC Agentic AI Boot Camp is a paid, instructor-led training that lasts 1 or 3 days, available both onsite and remotely. The 3-day version covers the fundamental concepts of Agentic AI on ODC, including how to create agents using grounding data and tools, the agentic apps lifecycle, and multi-agent patterns. You will start by understanding the key principles of Generative AI, such as LLMs, Prompt Engineering, and RAG, and then deep dive into the foundations of Agentic AI in OutSystems, supported by interactive hands-on exercises and full-time assistance from a dedicated instructor. The 1-day version also covers the key principles of Generative AI and introduces Mentor to generate and iterate over an app.

AUDIENCE PROFILE

- The 3-day Boot Camp is targeted at OutSystems developers and tech leads who already know the fundamentals of web and mobile application development and who want to know more about Agentic AI in OutSystems. Participants should be familiar with the content delivered in the ODC Developer Boot Camp or the Web Developer Guided Path .
- The 1-day Boot Camp is targeted at any role (with or without development experience) that wants to understand how to leverage AI and OutSystems.

PREREQUISITES

- Your laptop with ODC Studio installed. A few days before the Boot Camp, you will receive detailed instructions with all the information you need.

COURSE OBJECTIVES

By the end of this course, participants will be able to:

- Generative AI;
- AI Agents in ODC;
- AI Agent Lifecycle Management;
- Agentic AI Workflows;
- Agent collaboration and orchestration;
- ... and much more.

COURSE OUTLINE

Module 1: Course Outline

Day 1: Introduction to Generative AI

- Generative AI
- Large Language Models (LLMs)
- Prompt Engineering
- Vector Databases
- Retrieval-Augmented Generation (RAG)
- OutSystems Mentor

Day 2: Foundations of Agentic AI in ODC

- OutSystems Agents
- Agentic App Lifecycle Management
- Agent Tooling & MCP
- Real-world Agent Use Case

Day 3: Agentic AI Workflows

- Multi-agent Patterns
- Agent collaboration and orchestration
- Transparency, explainability, and auditing AI decisions