CORSEN AI Academy

Mistral Agents: Building Autonomous AI

Course syllabus

Version 2026-11

Overview

Build autonomous AI agents with the Mistral API: persistent conversations, built-in tools, multi-agent handoffs, and complex orchestration.

Learning objectives

- Determine when a task justifies an autonomous agent rather than a simple chatbot
- Create an agent with the Python API and maintain persistent conversations between exchanges
- Enable built-in tools: web search, code interpreter, image generation, document library
- Set up handoffs between specialized agents driven by a router agent
- Secure a multi-agent architecture with guardrails and arbitrate server or client execution

Audience and prerequisites

Developers, engineers, and integrators looking to leverage Mistral AI via API in their applications.

Ability to read Python and JSON, command line basics. A Mistral AI Studio API key to try the examples.

Duration and format

Estimated duration : 2 h. 100% online self-paced course, accessible 24/7 from a browser. Progress saved, resume anytime. Estimated duration: 2 h.

Content

- Agent Concepts (3 lessons)
- Agents and Conversations (4 lessons)
- Built-in Tools (4 lessons)
- Multi-Agent Handoffs (5 lessons)
- Conclusion (2 lessons)

Assessment

Practice exercises proposed throughout the lessons. Each lesson ends with its key takeaways, supporting self-assessment. A final quiz of 5 corrected questions, at the end of the last lesson, validates learning.

Accessibility

Self-paced course accessible to people with disabilities: text content compatible with screen readers, keyboard navigation, and compliant contrasts. For any adaptation needs, email hello@corsen.ai.

Price and recognition

Free

Certificate of completion issued by Corsen AI.

Access time

Immediate after account creation and email confirmation.

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