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Updated on July 20, 2026

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Kimi Agent Swarm Training

2 days (14 hours)

Overview

Kimi Agent Swarm is a multi-agent orchestration technology designed to handle complex tasks in parallel, with automatic task decomposition, coordinated execution, and production-quality deliverables.

Our Kimi Agent Swarm training course will help you understand how to leverage an architecture of autonomous agents to accelerate the search, creation, analysis, and batch processing of content.

You'll learn how to structure effective tasks, manage collaboration among sub-agents, define instructions, and then monitor the quality of the generated outputs in real-world use cases.

By the end of the training, you'll be able to design more robust workflows, distribute tasks more effectively, increase productivity, and integrate Kimi Agent Swarm into a business-oriented AI automation strategy.

This training also covers best practices for preparation, monitoring, result verification, and usage optimization to ensure the success of your agent-based automation projects in a real-world environment.

Like all our training courses, this one will introduce you to **the latest stable version** of the technology and its new features.

Objectives

- Understand the principles of multi-agent orchestration with Kimi Agent Swarm.
- Structure complex tasks into sub-objectives that can be handled by specialized agents.

- Write clear instructions to improve the relevance, consistency, and quality of deliverables.
- Manage large-scale use cases involving research, analysis, and writing.
- Monitor outputs, correct deviations, and ensure the reliability of an AI automation workflow.

Target Audience

- AI Developer
- Digital Project Manager
- Digital Transformation Consultant
- Data Analyst
- Product Manager

Prerequisites

- Basic knowledge of generative artificial intelligence and AI assistants.
- Proficiency in using digital productivity and collaboration tools.
- Understanding of the concepts of workflow, tasks, instructions, and business validation.
- Some experience in automation, data analysis, or assisted writing is recommended.

Technical Prerequisites

- A recent computer with an up-to-date web browser and sufficient resources for intensive use.
- Stable Internet connection via Wi-Fi or Ethernet.
- Access to a work environment with a modern browser and available storage space.
- A microphone and headset are recommended for remote sessions and collaborative workshops.
- An active Kimi user account, if required by the training environment.

Our Kimi Agent Swarm Training Program

[Day 1 - Morning]

Fundamentals of the Swarm Agent

- Understand multi-agent logic and how it differs from a single agent.
- Identify use cases where parallelization provides real benefits.
- Explore the general architecture of Kimi Agent Swarm and its key components.
- Analyze the concepts of the conductor, sub-agents, and coordination.
- Understand the limitations, points to watch out for, and best practices for setting up a swarm.
- Hands-on workshop: define a complex task and break it down into subproblems suitable for swarm execution.

[Day 1 - Afternoon]

Mission Design

- Formulate a clear, measurable objective that can be acted upon by autonomous agents.
- Define the roles, priorities, and success criteria for a mission.
- Structure instructions to improve the quality of responses.
- Organize dependencies between tasks, deliverables, and intermediate checks.
- Implement a validation logic to minimize synthesis errors.
- Hands-on workshop: Draft a comprehensive operational brief for a realistic business use case.

[Day 2 - Morning]

Management and

Execution

- Monitor the execution of a swarm and interpret the progress milestones.
- Understand the distribution of workloads among sub-agents and the assembly logic.
- Use intermediate outputs to adjust control during the mission.
- Manage cases of divergence, redundancy, and result consolidation.
- Enhance the reliability of deliverables through consistency checks.
- Hands-on workshop: observe an execution, identify checkpoints, and propose control adjustments.

[Day 2 - Afternoon]

Use Cases and Industrialization

- Adapt Kimi Agent Swarm to scenarios involving search, content creation, and batch analysis.
- Build a reusable task sequence to boost productivity.
- Define quality standards to ensure consistent results.
- Implement a quality control process before releasing deliverables.
- Identify best practices for integrating the tool into an AI automation process.
- Hands-on workshop: Design a complete assisted production workflow, from the initial brief to final delivery.

Target Audience

This training is intended for both individuals and companies—large or small—that wish to train their teams in new, advanced IT technology or to acquire specific industry knowledge or modern methods.

Assessment at the Start of Training

The assessment conducted upon enrollment complies with Qualiopi quality standards. Upon final registration, the learner receives a self-assessment questionnaire that allows us to evaluate their estimated proficiency with various types of technologies, as well as their expectations and personal goals 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 pose challenges for monitoring and ensuring the smooth operation of the training session.

Teaching Methods

Hands-On Course: 60% Hands-On, 40% Theory. Training materials distributed in digital format to all participants.

Organization

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

Assessment

At the end of the session, a multiple-choice quiz is administered to verify that participants have successfully acquired the skills.

Certification

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