



# Intro to AI Agentic Workflows

## About

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AI agents are **autonomous systems** that **perceive, reason, and act** to complete tasks, often leveraging **large language models (LLMs)** in their workflows. Unlike traditional LLM-based applications, **agentic AI systems** introduce **decision-making capabilities, iterative feedback loops, and dynamic interactions** with users and systems.

This module provides a **deep dive into AI agentic workflows**, focusing on **frameworks, hands-on agent development, and emerging trends**. By the end of this module, you will have practical experience designing and implementing AI agents **using LangChain and LangGraph**, as well as exploring **cutting-edge advancements in multi-agent collaboration and self-improving AI systems**.



- **Experiment** with advanced AI agent capabilities and integrate **feedback loops, reasoning, and adaptability** into your workflows.

## Content Overview

Lesson	Est. Time	Skills
<a href="#">Foundations of AI Agentic Workflows</a>	15 min	Understand agentic workflows and structured frameworks.
<a href="#">Building AI Agents with LangChain</a>	45 min	Build, deploy, and test AI agents using LangChain.
<a href="#">Emerging Trends in Agentic AI</a>	30 min	Explore and experiment with ReAct, reflection agents, and multi-agent collaboration.
Total	90 min	<b>Interactive, hands-on AI agent development experience.</b>