



## AI Agent Training

**Agentic AI Training** is a cutting-edge course designed to help professionals, developers, and AI enthusiasts master the development and deployment of AI-powered agents for automation, research, and business intelligence. This program covers the evolution of AI agents, from simple chatbots to autonomous digital workers, and explores leading frameworks such as CrewAI, OpenInterpreter, and Perplexity AI. Participants will gain hands-on experience in building AI agents for research, content creation, business analysis, and workflow optimization. The course also delves into multi-agent collaboration, AI-driven decision-making, and emerging trends like GPT-4o and Mistral AI. By the end of the training, learners will have the expertise to leverage AI agents for enhanced productivity, automation, and strategic insights across multiple industries.

## Audience

- Professionals, developers, and AI enthusiasts looking to automate tasks, enhance decision-making, and optimize workflows using AI-powered agents

## **Module 1: Introduction to AI Agents & Automation**

- What Are AI Agents?
- Evolution from Chatbots to AI Workers
- The AI-Driven Future of Work
- Devin – The AI Software Engineer
- SIMA – Google’s AI Agent

## **Module 2: Getting Started with AI Development**

- Setting Up Your First AI Project
- Building Your First AI Agent
- Connecting Open-Source Models (LLama-3, etc.)
- Creating a Custom Research AI Agent
- Pre-Built AI Agents for Practice (Github)

## **Module 3: AI Agents for Research & Knowledge Processing**

- OpenInterpreter Light 01 – Enhancing Research
- Tasking AI – Automating Workflows
- Perplexity AI Overview & Features
- AI-Assisted Market & Academic Research
- Co-Pilot Feature – Human + AI Collaboration

## **Module 4: Advanced AI Agent Capabilities**

- Perplexity AI – Focus Feature
- AI-Powered Document Analysis – Attach Feature
- AI Research Management – Collections & Library
- Privacy & Security Considerations for AI Agents
- Top 5 AI Agents in Perplexity

## **Module 5: AI Agents for Specific Domains**

- Business Analyst AI Agent
- AI-Powered Content Creation Agent
- Financial Research AI Agent
- Pre-Sales & New Product Research AI Agent
- Student Research & Academic Assistant Agent

## **Module 6: Multi-Agent Collaboration & Automation**

- Curiosity AI Agent – AI-Driven Exploration
- Voice of the User AI Agent
- Wolfram Alpha Research AI Agent
- How CrewAI Enables Multi-Agent Collaboration
- AI Agents for Workflow Optimization

## **Module 7: The Future of AI Agents**

- GPT-4o – The Next Leap in AI Automation
- Mistral AI – Announcements & Innovations
- 2025 AI Roadmap – What's Next in AI?
- Emerging Trends in AI-Agent-Based Automation
- Real-World Applications & Industry Adoption