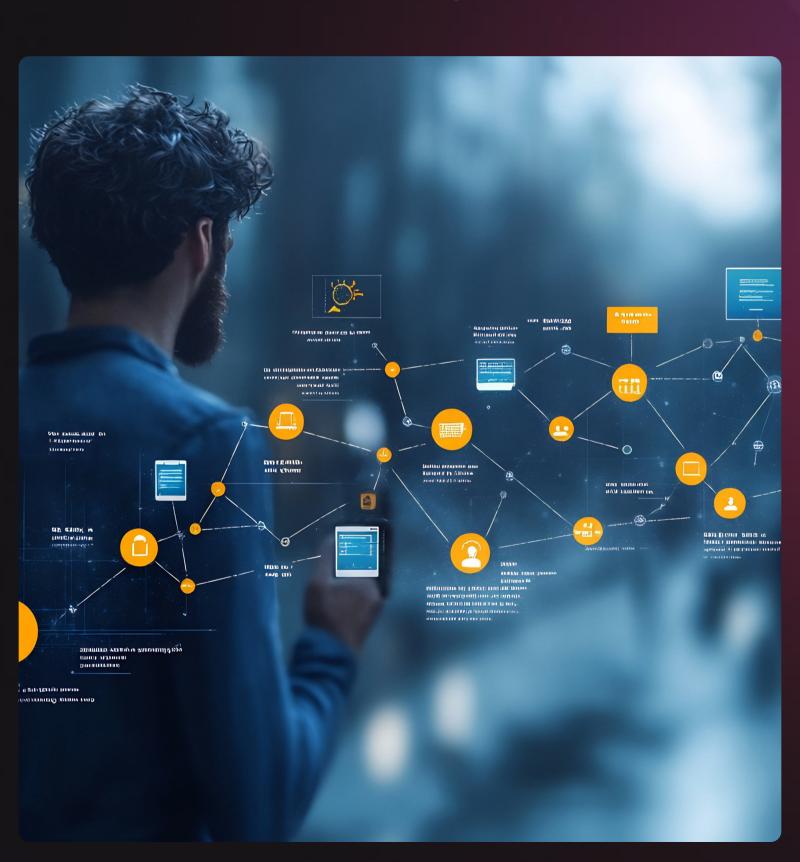
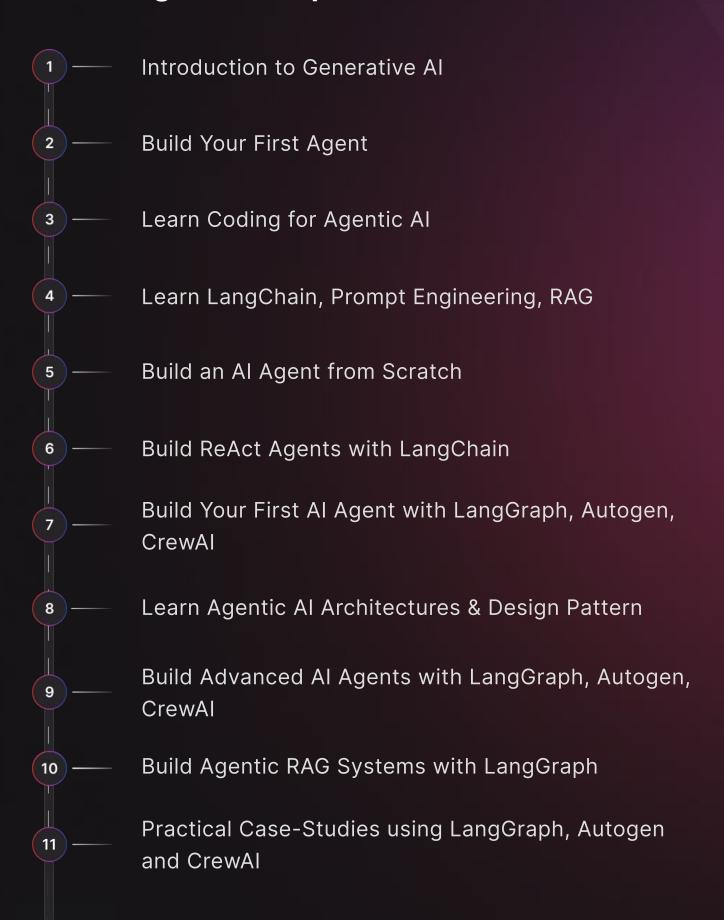


Agentic Al Pioneer Program

Roadmap



Learning Roadmap



Unlocking the Power of Al Agents: Automate, Innovate, Dominate

Introduction to Generative AI

Gain foundational knowledge of Generative AI, understanding the different ways to use LLMs. This module introduces you to the world of AI-generated content and its impact on day-to-day work.

Build Your First Agent

Learn the essentials of Al Agents using no-code tools, from understanding their use cases to building, customizing, and deploying them to solve and automate real-world challenges.

Learn Coding for Agentic Al

Master essential coding skills required for building Al agents.

This module covers the specific programming languages, libraries, and tools you'll need to create effective, functional Al agents.

Learn LangChain, Prompt Engineering and RAGs

Dive into powerful frameworks like LangChain for building LLM applications and agentic workflows, Prompt Engineering for instructing LLMs for problem solving, and RAG (Retrieval Augmented Generation) for creating smarter, context-aware GenAl Apps.

Build an Al Agent from Scratch

Step-by-step guidance on building a fully functional AI agent from the ground up. Learn how to integrate large language models, prompts, tools, handle data, and implement decision-making logic.

Build ReAct Agents with LangChain

Learn how to create ReAct (Reason and Act) agents using LangChain and extend them to be multi-user conversational agents. These agents can reason through tasks, making decisions autonomously to accomplish more complex objectives.

Build Your First Al Agent with LangGraph, Autogen and CrewAl

Create a simple Al agent using LangGraph, Autogen, and CrewAl. This module teaches how to connect prompts, tools, and LLMs to develop agents that can leverage tools to automate simple tasks and workflows.

Learn Agentic Al Architectures & Design Patterns

Explore architectural frameworks and design patterns that are the industry standard for building scalable, efficient AI agents. Understand how to design and build simple and complex agentic systems for maximum performance and flexibility.

Build Advanced Al Agents with LangGraph, Autogen and CrewAl

Develop advanced AI agents capable of handling complex, multi-step workflows, tools, agents, and reflection. Learn to build advanced agents using the three framewoks - LangChain, AutoGen and Crew AI individually to solve and automate real-world problems.

Build Agentic RAG Systems with LangGraph

Create Agentic Retrieval Augmented Generation (RAG) systems using LangGraph. These systems combine powerful retrieval techniques with Al generation, coupled with self-reflection and corrective agentic workflows to improve performance.

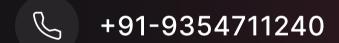
Practical Case-Studies using LangGraph, Autogen and CrewAl

Learn how to develop systems where multiple agents work together, collaborating to solve complex tasks. This module teaches the principles of multi-agent coordination, communication, planning, reflection and problem-solving using all three popular frameworks.

Learn to Build These Powerful Agents and Lead the Era of Autonomous Intelligence!

Enroll now

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