

About AI Authority

AI Authority is a global collective of passionate AI experts, architects, and enthusiasts committed to advancing responsible innovation and ethical AI. Founded on the belief that cutting-edge AI must be **trustworthy, transparent, and human-centric**, the organization is dedicated to shaping a future where technology and ethics progress hand in hand.

Positioned as a **definitive platform for actionable AI guidance**, AI Authority bridges the gap between abstract policy frameworks and practical, real-world deployment. Its mission is to help organizations confront and overcome challenges such as **bias, opacity, and inconsistent standards**, ensuring that progress is never achieved at the expense of integrity.

With meticulously curated **frameworks, methodologies, and best practices**, AI Authority provides strategic support across every phase of the AI lifecycle: from **design to deployment**. The organization's unwavering focus on **ethical, fair, and transparent outcomes** makes it a trusted ally for enterprises seeking to build, scale, and govern AI responsibly.

Why Choose AI Authority

At AI Authority, our reputation rests on an unwavering commitment to **quality, trust, and globally recognized validation**. Our certification programs are built to empower professionals to **lead with confidence** in responsible AI development and governance. Every resource, guide, and framework we create is rigorously vetted for accuracy, relevance, and practical impact therefore enabling organizations to build **ethical, compliant, and transparent** AI ecosystems.

Our global reach and expertly curated content blend **theoretical depth with hands-on mastery**, giving enterprises the clarity, direction, and practical tools they need to architect **scalable, trustworthy, and responsible AI solutions**.

At AI Authority, we don't just guide the AI journey, **we redefine how the world builds, governs, and trusts intelligent systems**.

Course Details:

AI Engineering 2

The AI Engineering 2 Program is designed to build strong, industry-ready skills across the modern AI stack. This program is split into two levels:

The AI Engineering 2 Course focuses on advanced capabilities: Generative AI design, LLM integration, Agentic AI systems, tool-use, real-time adaptation, autonomous workflows, and applied engineering techniques.

Who can attend AI Engineering 2 Course?

- AI/ML Engineers
- Developers & Technical Leads
- Solution Architects
- Automation Engineers
- Professionals who completed Level 1
- Anyone working with GenAI, LLMs, or AI automation

Course Content:

Day 1 – Advanced Generative AI & LLM Engineering

Module 1: Advanced Generative AI

- Generative AI pipelines
- RAG (Retrieval-Augmented Generation)
- Fine-tuning vs Prompt tuning vs LoRA

Module 2: LLM Engineering

- LLM architecture deep dive
- Tokenization, embedding, vector stores
- Building LLM applications
- LLMOps concepts

Day 2 – Agentic AI (Real-Time Autonomous AI)

Module 3: Introduction to Agentic AI

- What is Agentic AI?
- Differences: Agentic AI vs Generative AI (using your image reference)
- Autonomous decision-making
- Goal-driven workflows

Module 4: Tools, APIs & Real-Time Adaptation

- Using tools & APIs with agents
- Real-time environment interaction
- Memory management in agents
- Autonomous system design patterns

Day 3 – End-to-End AI Engineering & Deployment

Module 5: AI Orchestration & Integration

- Multi-agent systems
- AI pipelines
- Integration patterns
- Frameworks: LangChain, CrewAI, LlamaIndex

Module 6: Deployment & Governance

- Running agents in production
- Infrastructure & tool selection
- Monitoring & guardrails
- Risk, safety & governance for Agentic AI