



## 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 Operations

The AI Operations program provides professionals with a comprehensive understanding of how AI enhances enterprise IT operations. This 2-day intensive course covers AIOps concepts, architecture, observability, automation, and enterprise implementation methodologies. Participants will learn how AI/ML models improve monitoring, incident management, anomaly detection, and root cause analysis across modern cloud and hybrid environments.

The course is delivered by seasoned industry experts and includes practical hands-on labs, real AIOps tools, and enterprise-grade implementation scenarios. By the end of the program, learners gain the expertise to architect, deploy, and scale AIOps capabilities that improve resiliency, reduce downtime, and automate operational workflows.

### Who can attend AI Operations Course?

- IT Operations
- Cloud, DevOps, and SRE professionals aiming to automate operations using AI
- Data Engineers, AI/ML Engineers, and Solution Architects working with monitoring and observability systems
- Anyone looking to implement or scale AIOps capabilities within enterprise environments

## Course Content:

### Day 1 Topics

- Introduction to AIOps & Enterprise Use Cases
- AIOps Architecture (UI layer, Analytics layer, Platform layer, and Observability layer)
- Metrics, Logs, and Tracing Fundamentals
- Anomaly Detection Techniques
- Event Correlation and Noise Reduction
- Hands-on: Implementing Observability Pipelines

### Day 2 Topics

- AI/ML Models for AIOps
- Root Cause Analysis Frameworks
- Incident Management Automation
- Dashboards & Alert Optimization
- Governance, Security, and Compliance in AIOps
- End-to-End AIOps Implementation Workshop
- Final Review & Practical Scenarios