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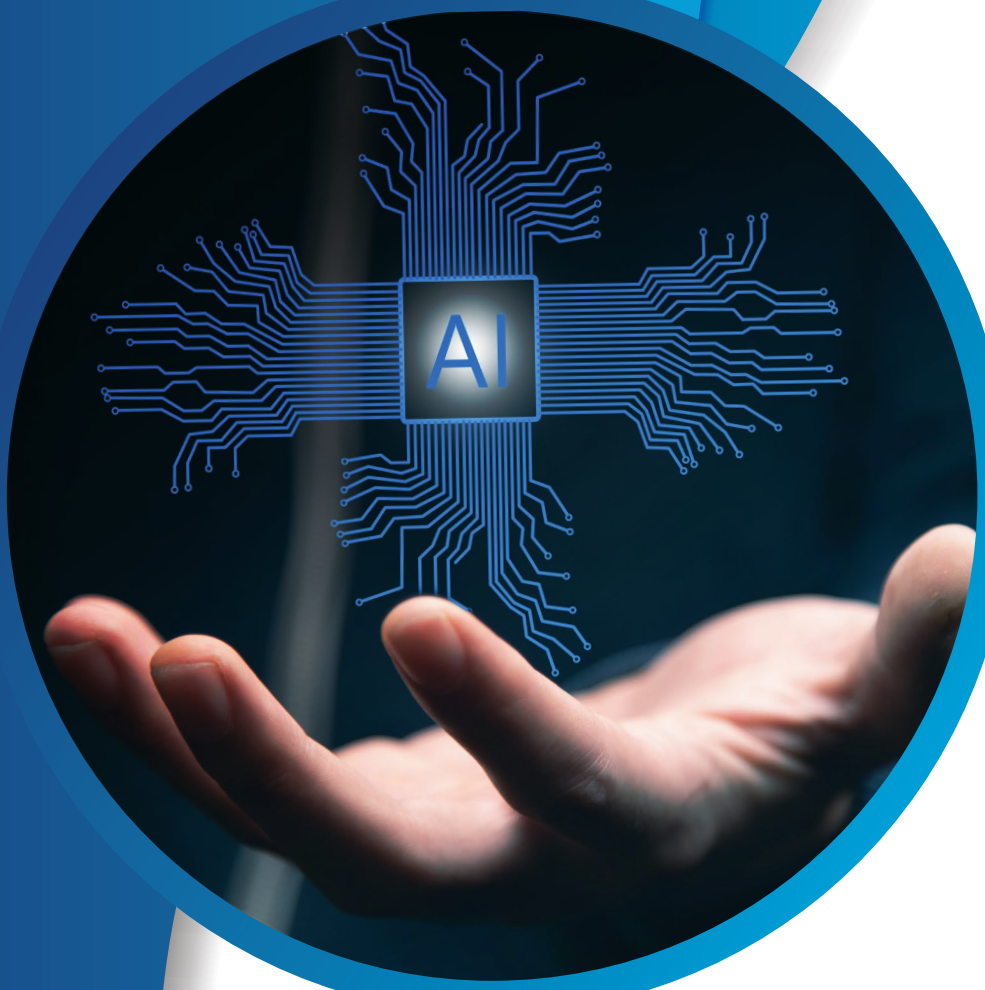

Executive Certification in AI Algorithm Auditing (EC: AAA)

India's first Executive Certification in
AI Algorithm Auditing

www.woxsen.edu.in

Program Overview

As organizations increasingly leverage data-driven insights for competitive advantage, the need for skilled data analysts and scientists is paramount. The Executive Certification in AI Algorithm Auditing (EC: AAA) is a 12-week course that aims to establish a global standard for auditing AI systems. As AI technologies permeate every sector, ensuring their ethical deployment becomes paramount. This program equips professionals with the skills and knowledge necessary to audit AI systems, ensuring they are fair, transparent, and accountable.

Program Modules

Module 1

AI Fundamentals

- Introduction to AI and machine learning concepts.
- Overview of various AI models and algorithms.
- Understanding supervised, unsupervised, and reinforcement learning.

Module 2

Algorithmic Risk Management

- Identifying and assessing risks associated with AI systems.
- Frameworks for managing algorithmic risks.
- Case studies on risk management in AI.

Module 3

Governance and Compliance in AI

- Global AI governance frameworks and regulations.
- Compliance requirements for AI systems.
- Best practices in AI governance.

Module 4

Fairness and Bias Mitigation

- Identifying and addressing bias in AI systems.
- Techniques for ensuring fairness in AI.
- Case studies on bias mitigation.

Module 5

Advanced Auditing Techniques

- Advanced methods for auditing AI systems.
- Lifecycle management of AI audits.
- Continuous monitoring and updating of AI systems.

Module 6

Capstone Project

- Real-world project on auditing an AI system.
- Application of learned concepts to a comprehensive case study.
- Presentation and defense of the audit findings.

Who Should Attend

This program is tailored for both working professionals and students aiming to develop proficiency in AI algorithm auditing. It is ideal for data scientists, analysts, compliance officers, and IT professionals who wish to enhance their expertise in auditing AI systems for fairness, transparency, and accountability.

Learning Outcomes

Upon the completion of this Certification, participants will gain :

- **Enhance Understanding:** Develop a thorough understanding of AI, machine learning, and algorithmic systems.
- **Promote Ethical Practices:** Focus on ethical considerations and bias mitigation strategies.
- **Ensure Regulatory Compliance:** Provide knowledge of global AI governance and compliance standards.
- **Develop Practical Skills:** Offer hands-on experience through practical exercises and real-world case studies.

Scan QR Code for Registration

Executive Education Linkedin Link

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