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AI Quality Manager

Course No. 519

The AI Quality Manager Course equips professionals with the knowledge and tools to ensure the design, development, and deployment of AI systems meet the highest standards of accuracy, reliability, fairness, compliance, and ethical responsibility. As AI adoption accelerates across industries, organizations need skilled quality managers who can govern AI systems, monitor risks, and implement quality frameworks that align with international standards.

Course Benefits

This course provides participants with a variety of specialized skills in this rapidly growing field including applying global standards and frameworks, building confidence in deploying trustworthy AI systems, and more.

Prerequisites

A foundational understanding of quality management. Basic knowledge of AI, data, or analytics concepts. Familiarity with risk management or compliance frameworks preferred.

Duration

Three Days (21 hours)

Learning Objectives

At the end of this course, participants will be able to:

1. Explain the role of AI Quality Management in organizational success
2. Apply AI governance frameworks and standards
3. Assess data quality, bias, and fairness in AI systems
4. Evaluate AI models for accuracy, robustness, and transparency
5. Design and implement AI quality assurance plans across the AI lifecycle
6. Identify and mitigate risks, ethical concerns, and compliance issue in AI adoption
7. Monitor and audit AI systems for continuous improvement and trustworthiness
8. Communicate AI quality and compliance requirements effectively to stakeholders and leadership

Topics Covered:

- Introduction to AI Quality Management
- AI lifecycle and quality checkpoints
- Bias detection and mitigation strategies
- Explainable AI (XAI) and transparency methods
- Data quality management for AI systems
- Testing and validation of AI models
- Risk management and compliance frameworks



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- Continuous monitoring and auditing of AI systems
- Best practices for AI governance and ethical use

Who Should Attend?

This course is ideal for quality managers and assurance professionals, AI and data governance specialists, project and program managers overseeing AI initiatives, compliance and risk management professionals, or business leaders adopting AI-driven solutions.

Instructor

The instructor is a professional with 10+ years of AI experience and 20+ years of quality experience in various industries.

For More Information:

Contact Training administrator: Training@qpsinc.com , Telephone: (508) 786-0777