AITECH - CISCO AI TECHNICAL PRACTITIONER

Course Code: 860062

Accelerate your transition to AI-driven innovation by designing solutions, automating tasks, and leading teams.

The Cisco AI Technical Practitioner (AITECH) Learning Path is designed for technical professionals seeking to transition from traditional knowledge-based work to innovation-driven roles augmented by Artificial Intelligence. This comprehensive program equips learners with the skills to effectively design technical solutions, automate tasks, and lead technical teams using cutting-edge AI tools and methodologies. From AI-powered code generation and data analysis to advanced model customization and workflow automation, this Learning Path prepares IT and network engineers, data analysts, AIOPs specialists, solutions architects, technical leads, managers, and business process analysts to harness the full potential of AI within their organizations.

What You'll Learn

- Utilize AI for code generation, refactoring, and utilize modern AI-assisted coding workflows (Co-Pilot, Fast Prototyping)
- Leverage Generative AI for exploratory data analysis, data cleaning, transformation, and generating actionable insights
- Design and implement multi-step AI-assisted workflows and understand complex agentic systems for automation
- Understand AI-powered requirements, evaluate customization approaches (fine-tuning vs. RAG), consider deployment strategies, and design robust AI workflows
- Explore, evaluate, fine-tune, and deploy pre-trained AI models, and implement Retrieval Augmented Generation (RAG) systems
- Monitor, maintain, and optimize AI-powered workflows, ensuring data integrity and security

Who Needs to Attend

Technical professionals seeking to transition from traditional knowledge-based work to innovation-driven roles augmented by Artificial Intelligence

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ON-DEMAND	$795 CAD

On-Demand Outline

AI Technical Practitioner Foundations

- Generative AI Ecosystem
- AI Architect's Toolkit
- Prompt Engineering for Technical Precision
- Generative AI Security and Privacy Fundamentals

Optimizing Generative AI

- Debugging and Correcting AI-Generated Outputs
- Advanced Prompting Strategies
- AI-Powered Discovery and Synthesis

Advanced Generative AI Skills

- AI-Driven Software Engineering
- AI for Data Engineering and Exploration
- Customizing AI Models
- AI-Powered Workflows and Agentic AI

Visit us at www.globalknowledge.com or call us at 1-866-716-6688.