AI Technical Practitioner (AITECH)

Duration: 16 HRS

Description

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.

Content

- 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