Training: Microsoft
GH-300T00: GitHub Copilot

Microsoft Partner

TRAINING GOALS:

This course explores the use of AI in the context of GitHub Copilot, a generative AI tool for developers. It equips users with the knowledge and skills to use Copilot effectively while mitigating potential ethical and operational risks associated with AI usage.

Audience Profile:
AI Developers and Engineers, Data Scientists and Analysts, Business Leaders and Managers, Policy Makers and Regulators involved in creating and deploying AI systems who need to understand the ethical implications and governance frameworks.

CONSPECT:

- GitHub Copilot Fundamentals Part 1 of 2
  - Module 1: Responsible AI with GitHub Copilot
  - Module 2: Introduction to GitHub Copilot
  - Module 3: Introduction to prompt engineering with GitHub Copilot
  - Module 4: Introduction to Copilot Spaces
  - Module 5: Using advanced GitHub Copilot features
  - Module 6: GitHub Copilot Across Environments: IDE, Chat, GitHub.com, Command Line Techniques, and the GitHub Copilot App
  - Module 7: Management and customization considerations for GitHub Copilot
  - Module 8: Develop unit tests using GitHub Copilot tools
  - Module 9: Develop code features using GitHub Copilot tools
- GitHub Copilot Fundamentals Part 2 of 2
  - Module 1: Building applications with GitHub Copilot agent mode
  - Module 2: Accelerate development with GitHub Copilot Cloud Agent
  - Module 3: Introduction to MCP Server
  - Module 4: Leveling up code reviews and pull requests with GitHub Copilot
  - Module 5: Using GitHub Copilot with JavaScript
  - Module 6: Using GitHub Copilot with Python

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REQUIREMENTS:

Basic understanding of GitHub fundamentals.

Difficulty level



CERTIFICATE:

The participants will obtain certificates signed by Microsoft (course completion). This course will help prepare you for the **GitHub Copilot** certification, which is available through the Pearson VUE test centers.

TRAINER:

Microsoft Certified Trainer (MCT)

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