

GH-300T00: GitHub Copilot

Course Description

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.

Course Duration

1 day

Course Outline

- GitHub Copilot Fundamentals Part 1 of 2
 - Responsible AI with GitHub Copilot
 - Introduction to GitHub Copilot
 - Introduction to prompt engineering with GitHub Copilot
 - Using advanced GitHub Copilot features
 - GitHub Copilot Across Environments: IDE, Chat, and Command Line Techniques
 - Management and customization considerations with GitHub Copilot
- GitHub Copilot Fundamentals Part 2 of 2
 - Developer use cases for AI with GitHub Copilot
 - Develop unit tests using GitHub Copilot tools
 - Introduction to GitHub Copilot Business
 - Introduction to GitHub Copilot Enterprise
 - Using GitHub Copilot with JavaScript
 - Using GitHub Copilot with Python

Who Should Attend

- **AI Developers and Engineers:** Professionals involved in creating and deploying AI systems who need to understand the ethical implications and governance frameworks.
- **Data Scientists and Analysts:** Individuals who work with data and AI models, focusing on ensuring transparency, fairness, and accountability in their work.
- **Business Leaders and Managers:** Decision-makers who oversee AI projects and need to implement responsible AI practices within their organizations.
- **Policy Makers and Regulators:** Those responsible for creating policies and regulations around AI usage, ensuring that AI systems are developed and used ethically and safely.