

## GitHub Copilot (GH-300)

**Duration: 1 Day**    **Course Code: M-GH300**    **Delivery Method: Company Event**

### Overview:

Explore the use of AI in the context of GitHub Copilot, a generative AI tool for developers. 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.

#### Company Events

These events can be delivered exclusively for your company at our locations or yours, specifically for your delegates and your needs. The Company Events can be tailored or standard course deliveries.

### Target Audience:

- 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.

### Content:

#### Module 1: 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

#### Module 2: 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

### Additional Information:

Labs will be interactive labs on MS learn

### Further Information:

For More information, or to book your course, please call us on Head Office 01189 123456 / Northern Office 0113 242 5931

[info@globalknowledge.co.uk](mailto:info@globalknowledge.co.uk)

[www.globalknowledge.com/en-gb/](http://www.globalknowledge.com/en-gb/)

Global Knowledge, Mulberry Business Park, Fishponds Road, Wokingham Berkshire RG41 2GY UK