GitHub Copilot

Category: AI, Data & Analytics | **Vendor:** Microsoft

Duration: 8.00 hours (1 days) **6.5 CPD Hours** **Rating:** ⭐ 4.6 (5,878 reviews)

Course Information

Delivery Format: Instructor Led - Online

Course Overview

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.

About This Course

- 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
- 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.

Detailed Course Outline

Part 1: Responsible AI with GitHub Copilot | Introduction to GitHub Copilot | Introduction to prompt engineering with GitHub Copilot | Introduction to Copilot Spaces | Using advanced GitHub Copilot features | GitHub Copilot Across Environments (IDE, Chat, GitHub.com, Command Line) | Management and customization with GitHub Copilot | Developer use cases for AI with GitHub Copilot | Develop unit tests using GitHub Copilot | Part 2: Building applications with GitHub Copilot agent mode | Accelerate development with GitHub Copilot Cloud Agent | Introduction to MCP Server | Leveling up code reviews and pull requests | Using GitHub Copilot with JavaScript | Using GitHub Copilot with Python

Frequently Asked Questions

Q: What delivery options are available for GitHub Copilot?

We offer multiple delivery formats:

- Live Instructor-Led Classroom Online (Virtual/Live Online)
- Traditional Instructor-Led Classroom Training (ILT)
- On-site delivery at your offices anywhere in United Kingdom
- Private dedicated courses customized for your team

Q: How many CPD hours does this course provide?

The 1-day GitHub Copilot course provides up to 6.5 CPD hours of structured learning. CPD certificates can be provided upon request.

Q: What is the duration of the GitHub Copilot training?

The training takes place over 1 day(s), with each day lasting approximately 8.00 hours including breaks for lunch and refreshments.

Q: Do you provide corporate training for GitHub Copilot?

Yes, we provide corporate training, dedicated training, and closed classes for GitHub Copilot. Training can take place anywhere in United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online allowing teams from across United Kingdom or internationally to attend.

Q: What related terms do people search for?

Popular related searches include: GitHub Copilot, AI, Copilot, Power BI & Data Analytics, GH-300T00

Q: Why choose Nexus Human for GitHub Copilot?

Nexus Human is recognized as one of the leading training providers. Our trainers have won multiple awards including:

- Small Firms Best Trainer Award
- National Training Partner of the Year (Ireland) - Multiple Years
- Global Top 30 Instructor Awards (2012, 2019, 2021)
- Tech Excellence Award Nominations
- Learning Performance Institute (LPI) External Training Provider Sponsor 2024

Q: Are there any discount codes available?

Yes! Use discount code **PENPAL5** when booking your GitHub Copilot training. Please note that only one discount code can be used per booking and cannot be combined with other special offers.

Nexus Human

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