



AZ-2007: Get started with AI-assisted development

Microsoft - Azure Apps & Infrastructure

- **Nível:** Intermédio
 - **Duração:** 7h
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Sobre o curso

Learn how to accelerate app development by using GitHub Copilot and GitHub Copilot Chat in a Visual Studio Code environment.

Pré-requisitos

- An active subscription for GitHub Copilot is required for either a personal GitHub account or a GitHub account managed by an organization or enterprise.
 - One or more years of code develop experience is recommended.
 - Some experience developing C# applications in Visual Studio Code with the C# Dev Kit extension is recommended.
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Programa

- Get started with GitHub Copilot
- Generate documentation using GitHub Copilot tools
- Develop code features using GitHub Copilot tools
- Develop unit tests using GitHub Copilot tools
- Implement code improvements using GitHub Copilot tools
- Guided project - Accelerate app development using GitHub Copilot tools

Get started with GitHub Copilot

- Examine AI tools from GitHub, OpenAI, and Microsoft
- Examine GitHub Copilot tools, benefits, and limitations
- Examine the autocomplete features of the GitHub Copilot extension
- Examine the AI assistance features of the GitHub Copilot Chat extension

Generate documentation using GitHub Copilot tools

- Examine the “document” and “explain” features of GitHub Copilot Chat
- Review the “code documentation” solution

Develop code features using GitHub Copilot tools

- Examine the code development features of GitHub Copilot
- Examine GitHub Copilot best practices
- Review the create new code solution
- Review the code logic solution

Develop unit tests using GitHub Copilot tools

- Examine the unit testing tools and environment
- Review the “create unit tests” solution

Implement code improvements using GitHub Copilot tools

- Examine GitHub Copilot support for code improvements
- Review the “app improvement” solution

Guided project - Accelerate app development using GitHub Copilot tools

- Prepare the development environment