

# Expertly Crafted Online GitHub GitHub-Copilot Practice Test Engine



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According to the market research, we have found that a lot of people preparing for the GitHub-Copilot exam want to gain the newest information about the exam. In order to meet all candidates requirement, we compiled such high quality GitHub-Copilot study materials to help you. It is believed that our products will be very convenient for you, and you will not find the better study materials than our GitHub-Copilot Exam Question. If you willing spend few hours to learn our study materials, you will pass the exam in a short time. Now we are going to introduce our GitHub-Copilot test questions to you.

## GitHub GitHub-Copilot Exam Syllabus Topics:

Topic	Details
Topic 1	<ul style="list-style-type: none"><li>• Testing with GitHub Copilot: This section of the exam measures skills of QA Engineers and Test Automation Specialists and covers AI-assisted testing methodologies, including the generation of unit tests, integration tests, and edge case detection. It explains how GitHub Copilot improves test effectiveness by suggesting relevant assertions and boilerplate test cases. The section also discusses privacy considerations, organizational code suggestion settings, and best practices for configuring GitHub Copilot's testing features.</li></ul>
Topic 2	<ul style="list-style-type: none"><li>• Responsible AI: This section of the exam measures the skills of AI Ethics Analysts and AI Developers and covers the principles of responsible AI usage, the risks associated with AI, and the limitations of generative AI tools. It includes the importance of validating AI-generated outputs and operating AI systems responsibly. It also explores potential harms such as bias, privacy concerns, and fairness issues, along with methods to mitigate these risks. The ethical considerations of AI development and deployment are also discussed.</li></ul>
Topic 3	<ul style="list-style-type: none"><li>• GitHub Copilot Plans and Features This section of the exam measures the skills of Software Engineers and IT Administrators and covers different GitHub Copilot plans, including Individual, Business, and Enterprise editions. It explains the integration of GitHub Copilot within IDEs and discusses key features such as inline chat, multiple suggestions, and exception handling. The section details the policies for managing GitHub Copilot within organizations, including auditing logs and API management. It also highlights advanced functionalities like knowledge bases for improved code quality and best practices for Copilot Chat usage.</li></ul>
Topic 4	<ul style="list-style-type: none"><li>• Privacy Fundamentals and Context Exclusions: This section of the exam measures skills of Cybersecurity Specialists and Compliance Officers and covers privacy safeguards and content exclusion settings in GitHub Copilot. It explains how Copilot can identify security vulnerabilities, suggest optimizations, and enforce secure coding practices. It also includes details on content ownership, data filtering mechanisms, and exclusion configurations. The section concludes with troubleshooting guidelines for managing context exclusions and ensuring compliance with organizational security policies.</li></ul>

Topic 5	<ul style="list-style-type: none"> <li>• <b>How GitHub Copilot Works and Handles Data:</b> This section of the exam measures the skills of Data Security Specialists and DevOps Engineers and covers how GitHub Copilot processes data, handles code suggestions and manages privacy concerns. It explains the data pipeline for Copilot's suggestions, how it gathers context, and how prompts are processed through its AI model. The section also discusses the limitations of AI-generated code, the effects of historical data on suggestions, and the role of prompt crafting. Best practices for improving prompt effectiveness and optimizing AI-generated responses are included.</li> </ul>
Topic 6	<ul style="list-style-type: none"> <li>• <b>Prompt Engineering:</b> This section of the exam measures skills of AI Engineers and Software Developers and covers the fundamentals of prompt engineering, including key principles, techniques, and best practices for generating high-quality outputs. It explains different prompting strategies such as zero-shot and few-shot prompting, how context influences AI-generated responses, and the role of structured prompts in guiding Copilot's behavior. It also discusses the prompt lifecycle and ways to enhance model performance through refined input instructions.</li> </ul>

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### GitHub Copilot Certification Exam Sample Questions (Q53-Q58):

#### NEW QUESTION # 53

Which of the following is a risk associated with using AI?

- A. AI algorithms are incapable of perpetuating existing biases.
- B. AI replaces the need for developer opportunities in most fields.
- **C. AI systems can sometimes make decisions that are difficult to interpret.**
- D. AI eliminates the need for data privacy regulations.

**Answer: C**

Explanation:

A risk associated with AI is that its decisions can be difficult to interpret, leading to a lack of transparency and potential misunderstandings.

#### NEW QUESTION # 54

When can GitHub Copilot still use content that was excluded using content exclusion?

- A. When the repository level settings allow overrides by the user.
- B. If the content exclusion was configured at the enterprise level, and is overwritten at the organization level.
- **C. If the contents of an excluded file are referenced in code that is not excluded, for example function calls.**
- D. When the user prompts with @workspace.

**Answer: C**

Explanation:

GitHub Copilot can still use excluded content if it is referenced in code that is not excluded, such as function calls.

### NEW QUESTION # 55

How can GitHub Copilot facilitate a smoother learning experience when diving into a new programming language? (Each correct answer presents part of the solution. Choose two.)

- A. GitHub Copilot's /understand command will help GitHub Copilot to understand code written in a targeted programming language.
- B. GitHub Copilot can convert comments into code to grasp the syntax and nuances of a new programming language.
- C. GitHub Copilot Chat can provide guidance and support for common coding tasks and challenges in the targeted programming language.
- D. GitHub Copilot can provide contextualized code suggestions and answer sources from an organization's documentation.

**Answer: B,C**

Explanation:

GitHub Copilot helps with learning new languages by providing guidance on common tasks and by converting comments into code, allowing developers to see syntax in action.

### NEW QUESTION # 56

What are two techniques that can be used to improve prompts to GitHub Copilot? (Select two.)

- A. Provide links to supporting documentation
- B. Provide all information about the utilized files
- C. Provide specific success criteria
- D. Provide insight on where to get the content from to get a response

**Answer: A,C**

Explanation:

Improving prompts involves providing specific success criteria and including links to supporting documentation to give GitHub Copilot more context and direction.

### NEW QUESTION # 57

What are the potential limitations of GitHub Copilot Chat? (Each correct answer presents part of the solution. Choose two.)

- A. Limited training data
- B. Ability to handle complex code structures
- C. No biases in code suggestions
- D. Extensive support for all programming languages

**Answer: A,D**

Explanation:

GitHub Copilot Chat has limitations such as limited training data, which can affect the accuracy of its suggestions, and it does not provide extensive support for all programming languages.

### NEW QUESTION # 58

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