

Reliable GH-300 Test Tips - GH-300 Sample Questions Pdf



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Since it is obvious that different people have different preferences, we have prepared three kinds of different versions of our GH-300 practice test, PDF, Online App and software version. Last but not least, our customers can accumulate GH-300 exam experience as well as improving their exam skills in the mock exam. What's more, our software version of GH-300 practice materials can best simulate the real exam, but it can only be operated under the Windows operation system. I strongly believe that you can find the version you want in multiple choices of our GH-300 practice test.

Microsoft GH-300 Exam Syllabus Topics:

Topic	Details
Topic 1	<ul style="list-style-type: none">Responsible :This section of the exam measures skills of AI Ethics Officers and Risk Managers and covers the responsible and ethical usage of AI technologies. It explains the risks and limitations associated with generative AI tools, including biases in training data and the need to validate AI outputs. Candidates learn how to operate AI responsibly by identifying potential harms such as bias, fairness, privacy concerns, and mitigating these harms by applying ethical AI principles.
Topic 2	<ul style="list-style-type: none">GitHub Copilot Plans and Feature: This domain targets Product Managers and DevOps Engineers and focuses on understanding the various GitHub Copilot subscription plans like Individual, Business, and Enterprise, including distinctions and management features. It covers how Copilot is integrated into IDEs, different triggering methods for code suggestions, organizational policy management, subscription administration via API, and effective use of Copilot Chat and Knowledge Bases. Candidates also learn about CLI usage and configuration.
Topic 3	<ul style="list-style-type: none">Developer Use Cases for AI: Targeting Software Engineers and Technical Leads, this domain elaborates on how AI improves developer productivity across common tasks like learning new languages, translation, documentation, debugging, data science, and refactoring. It discusses Copilot's support in software development lifecycle management and highlights its limitations. Use of the productivity API to track Copilot's impact is also included.
Topic 4	<ul style="list-style-type: none">Domain 4: Prompt Crafting and Prompt Engineering This section measures skills of Software Developers and AI Interaction Designers in effectively crafting prompts to optimize Copilot's output. It reviews foundational concepts such as prompt components, the role of language in prompting, zero-shot vs. few-shot prompting, and how chat history influences responses. Best practices and engineering principles for prompt design and training methods are also covered.

Topic 5	<ul style="list-style-type: none"> • Privacy Fundamentals and Context Exclusions: This domain focuses on Security Engineers and Compliance Officers and addresses improving code quality with Copilot's test suggestions and security optimizations. It covers identification of security vulnerabilities, performance enhancements, and privacy features like content exclusions at repository and organization levels with explanation of their limitations. Candidates learn about safeguarding mechanisms such as duplication detection, contractual protections, security checks, and troubleshooting guide for common Copilot issues including context exclusions and suggestion gaps.
Topic 6	<ul style="list-style-type: none"> • How GitHub Copilot Works and Handles Data: Designed for Machine Learning Engineers and Data Privacy Specialists, this section covers the data lifecycle and processing behind Copilot's code suggestions. It explains how context is gathered, prompts constructed, responses generated, and post-processed through proxy services. Candidates understand Copilot's data policies, handling of inputs, and limitations such as context window size and data age influencing suggestion relevance.

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Microsoft GitHub Copilot Sample Questions (Q18-Q23):

NEW QUESTION # 18

Which Microsoft ethical AI principle is aimed at ensuring AI systems treat all people equally?

- A. Privacy and Security
- B. Inclusiveness
- C. Reliability and Safety
- D. Fairness

Answer: D

Explanation:

"Fairness. AI systems should treat all people fairly." This principle directly defines fairness as the standard for ensuring equality across all individuals.

References: Microsoft Responsible AI principles.

NEW QUESTION # 19

How can GitHub Copilot assist in maintaining consistency across your tests?

- A. By writing the implementation code for the function based on context.
- B. By providing documentation references based on industry best practices.
- C. By automatically fixing all tests in the code based on the context.
- D. By identifying a pattern in the way you write tests and suggesting similar patterns for future tests.

Answer: D

Explanation:

"Copilot learns from the patterns in your existing tests and suggests similar structures, which helps maintain consistency across the test suite." This confirms that Copilot supports test consistency through pattern recognition and suggestion.

References: GitHub Copilot testing documentation.

NEW QUESTION # 20

How can GitHub Copilot be limited when it comes to suggesting unit tests?

- A. GitHub Copilot can handle any complexity in code and automatically generate appropriate unit tests.
- B. GitHub Copilot can generate all types of unit tests, including those for edge cases and complex integration scenarios.
- **C. GitHub Copilot primarily suggests basic unit tests that focus on core functionalities, often requiring additional input from developers for comprehensive coverage.**
- D. GitHub Copilot's limitations in generating unit tests can vary based on the IDE version you are using.

Answer: C

Explanation:

GitHub Copilot often suggests basic unit tests and may not cover all edge cases or complex integration scenarios, requiring developers to supplement its suggestions.

Reference: GitHub Copilot testing limitations.

NEW QUESTION # 21

What is a benefit of using custom models in GitHub Copilot?

- A. Responses are guaranteed to be correct
- B. Responses use the organization's LLM engine
- **C. Responses use practices and patterns in your repositories**
- D. Responses are faster to produce and appear sooner

Answer: C

Explanation:

Custom models in GitHub Copilot allow the tool to learn from the specific code patterns and practices within your repositories. This results in suggestions that are more aligned with your organization's coding standards and conventions, improving the relevance and accuracy of the generated code.

NEW QUESTION # 22

What are the additional checks that need to pass before the GitHub Copilot responses are submitted to the user? (Each correct answer presents part of the solution. Choose two.)

- **A. Code quality**
- B. Performance benchmarking
- C. Compatibility with user-specific settings
- **D. Suggestions matching public code (optional based on settings)**

Answer: A,D

Explanation:

Exact extracts:

* "Copilot applies post-processing checks for code quality to ensure that responses meet baseline standards." References: GitHub Copilot safeguards documentation.

NEW QUESTION # 23

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