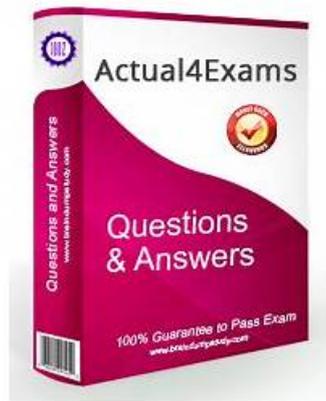


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The valid GitHub Copilot (GH-300) practice tests are available in GH-300 pdf format which works on all smart devices. When you have all the actual GH-300 questions in a pdf document, it will be easy for you to prepare successfully for the GH-300 test in a short time. Practice makes a man perfect and we can apply the same thing here.

Microsoft GH-300 Exam Syllabus Topics:

Topic	Details
Topic 1	<ul style="list-style-type: none">• Domain 6: Testing with GitHub Copilot: This section measures abilities of QA Engineers and Test Automation Specialists to use Copilot for test generation, including unit and integration tests. It explains how Copilot can identify edge cases and assist in writing assertions. The domain also covers different Copilot subscription SKUs, privacy considerations, organizational code suggestion settings, and configuration files related to Copilot.
Topic 2	<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.

Topic 3	<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.
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Microsoft GitHub Copilot Sample Questions (Q77-Q82):

NEW QUESTION # 77

What is one of the recommended practices when using GitHub Copilot Chat to enhance code quality?

- A. Disable Copilot's inline suggestions.
- B. Regularly review and refactor the code suggested by Copilot.
- C. Avoid using Copilot for complex tasks.
- D. Rely solely on Copilot's suggestions without reviewing them.

Answer: B

Explanation:

"Developers should always review, test, and refactor code generated by GitHub Copilot. Copilot can speed up development, but maintaining code quality requires careful human oversight." This establishes that regularly reviewing and refactoring Copilot suggestions is the recommended best practice.

References: GitHub Copilot responsible use guidelines.

NEW QUESTION # 78

What is few-shot prompting?

- A. Telling GitHub Copilot about the mechanism you want it to use and how to incorporate that into the response
- B. Telling GitHub Copilot to try multiple times to answer the prompt
- C. Telling GitHub Copilot to iterate several times on the answer before returning it to you
- D. Telling GitHub Copilot from which sources it should base the response on

Answer: A

Explanation:

"Few-shot prompting is a technique where you provide examples of the mechanism or output you want the model to follow. These examples guide the AI's responses." This proves that option A is correct.

References: GitHub Copilot prompt engineering documentation.

NEW QUESTION # 79

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

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 # 80

How does GitHub Copilot Chat utilize its training data and external sources to generate responses when answering coding questions?

- A. It primarily relies on the model's training data to generate responses.
- B. It combines its training data set, code in user repositories, and external sources like Bing to generate responses.
- C. It primarily uses search results from Bing to generate responses.
- D. It uses user-provided documentation exclusively to generate responses.

Answer: B

Explanation:

GitHub Copilot Chat combines its training data, code from user repositories, and external sources like Bing to generate comprehensive and relevant responses to coding questions.

Reference: GitHub Copilot Chat documentation on data sources.

NEW QUESTION # 81

How does GitHub Copilot Chat help to fix security issues in your codebase?

- A. By providing detailed reports on the security vulnerabilities present in the codebase.
- B. By automatically refactoring the entire codebase to remove vulnerabilities.
- C. By annotating the given suggestions with known vulnerability patterns.
- D. By enforcing strict coding standards that prevent the introduction of vulnerabilities.

Answer: C

Explanation:

"When Copilot Chat generates suggestions, it may annotate them with warnings about known insecure patterns, helping developers identify potential vulnerabilities in context." This indicates that Copilot Chat assists with security by annotating code suggestions with vulnerability patterns.

References: GitHub Copilot Chat security and responsible use documentation.

NEW QUESTION # 82

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