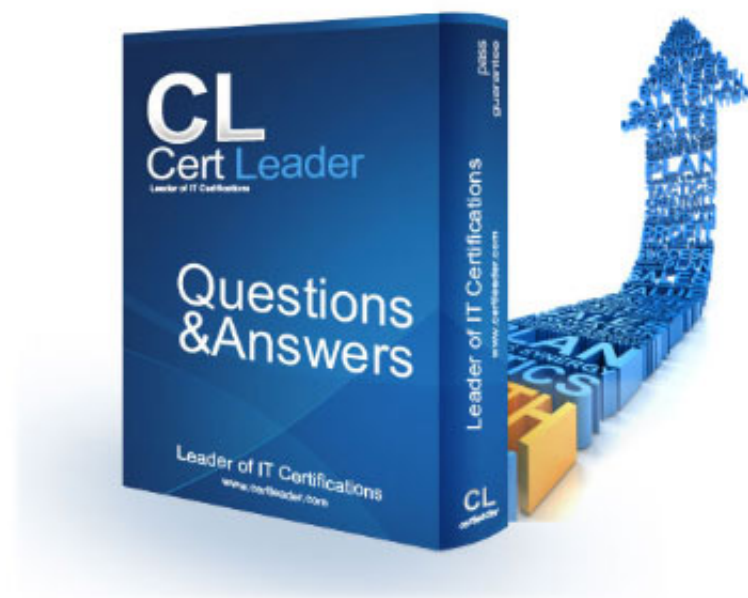


GH-300 Dumps

GitHub Copilot Exam

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NEW QUESTION 1

A social media manager wants to use AI to filter content. How can they promote transparency in the platform's AI operations?

- A. By regularly updating the AI filtering algorithm.
- B. By relying on a well-regarded AI development company.
- C. By focusing on user satisfaction with the content filtering.
- D. By providing clear explanations about the types of content the AI is designed to filter and how it arrives at its conclusion.

Answer: D

NEW QUESTION 2

How long does it take content exclusion to add or be updated?

- A. Up to 30 minutes
- B. 45 - 60 minutes
- C. 60 - 90 minutes
- D. 24 hours

Answer: A

NEW QUESTION 3

What is the primary purpose of organization audit logs in GitHub Copilot Business?

- A. To track the number of lines of code suggested by Copilot
- B. To assign software licenses within the organization
- C. To monitor code conflicts across repositories
- D. To monitor administrator activities and actions within the organization

Answer: D

NEW QUESTION 4

What is zero-shot prompting?

- A. Only giving GitHub Copilot a question as a prompt and no examples
- B. Giving GitHub Copilot examples of the problem you want to solve
- C. Telling GitHub Copilot it needs to show only the correct answer
- D. Giving GitHub Copilot examples of the algorithm and outcome you want to use
- E. Giving as little context to GitHub Copilot as possible

Answer: A

NEW QUESTION 5

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 primarily uses search results from Bing to generate responses.
- C. It combines its training data set, code in user repositories, and external sources like Bing to generate responses.
- D. It uses user-provided documentation exclusively to generate responses.

Answer: C

NEW QUESTION 6

Why might a Generative AI (Gen AI) tool create inaccurate outputs?

- A. The Gen AI tool is overloaded with too many requests at once.
- B. The Gen AI tool is experiencing downtime and is not fully recovered.
- C. The Gen AI tool is programmed with a focus on creativity over factual accuracy.
- D. The training data might contain biases or inconsistencies.

Answer: D

NEW QUESTION 7

How does GitHub Copilot typically handle code suggestions that involve deprecated features or syntax of programming languages?

- A. GitHub Copilot automatically updates deprecated features in its suggestions to the latest version.
- B. GitHub Copilot may suggest deprecated syntax or features if they are present in its training data.
- C. GitHub Copilot always filters out deprecated elements to promote the use of current standards.
- D. GitHub Copilot rejects all prompts involving deprecated features to avoid compilation errors.

Answer: B

NEW QUESTION 8

What are the potential risks associated with relying heavily on code generated from GitHub Copilot? (Each correct answer presents part of the solution. Choose

two.)

- A. GitHub Copilot may introduce security vulnerabilities by suggesting code with known exploits.
- B. GitHub Copilot may decrease developer velocity by requiring too much time in prompt engineering.
- C. GitHub Copilot's suggestions may not always reflect best practices or the latest coding standards.
- D. GitHub Copilot may increase development lead time by providing irrelevant suggestions.

Answer: AC

NEW QUESTION 9

Which of the following scenarios best describes the intended use of GitHub Copilot Chat as a tool?

- A. A complete replacement for developers generating code.
- B. A productivity tool that provides suggestions, but relying on human judgment.
- C. A solution for software development, requiring no additional input or oversight.
- D. A tool solely designed for debugging and error correction.

Answer: B

NEW QUESTION 10

How does GitHub Copilot assist developers in reducing the amount of manual boilerplate code they write?

- A. By engaging in real-time collaboration with multiple developers to write boilerplate code.
- B. By predicting future coding requirements and pre-emptively generating boilerplate code.
- C. By refactoring the entire codebase to eliminate boilerplate code without developer input.
- D. By suggesting code snippets that can be reused across different parts of the project.

Answer: D

NEW QUESTION 10

Which scenarios can GitHub Copilot Chat be used to increase productivity? (Each correct answer presents part of the solution. Choose two.)

- A. A project plan for the team needs to be generated using a project management software.
- B. Create a documentation file for the newly created code base.
- C. A developer is added to a new project and would like to understand the current software code.
- D. Fast tracking of release management activities to move code to production main branch.

Answer: BC

NEW QUESTION 15

What method can a developer use to generate sample data with GitHub Copilot? (Each correct answer presents part of the solution. Choose two.)

- A. Utilizing GitHub Copilot's ability to create fictitious information from patterns in training data.
- B. Leveraging GitHub Copilot's ability to independently initiate and manage data storage services.
- C. Utilize GitHub Copilot's capability to directly access and use databases to create sample data.
- D. Leveraging GitHub Copilot's suggestions to create data based on API documentation in the repository.

Answer: AD

NEW QUESTION 19

What are the effects of content exclusions? (Each correct answer presents part of the solution. Choose two.)

- A. The excluded content is not directly available to GitHub Copilot to use as context.
- B. GitHub Copilot suggestions are no longer available in the excluded files.
- C. The excluded content is no longer used while debugging the code.
- D. The IDE will not count coding suggestions in the excluded content.

Answer: AB

NEW QUESTION 22

What is the best way to share feedback about GitHub Copilot Chat when using it on GitHub Mobile?

- A. The Settings menu in the GitHub Mobile app.
- B. The feedback section on the GitHub website.
- C. Use the emojis in the Copilot Chat interface.
- D. By tweeting at GitHub's official X (previously known as Twitter) account.

Answer: C

NEW QUESTION 23

When using an IDE with a supported GitHub Copilot plug-in, which Chat features can be accessed from within the IDE? (Each correct answer presents part of the solution. Choose two.)

- A. Explain code and suggest improvements
- B. Generate unit tests

- C. Plan coding tasks
- D. Find out about releases and commits

Answer: AB

NEW QUESTION 24

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

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

Answer: B

NEW QUESTION 29

How do you generate code suggestions with GitHub Copilot in the CLI?

- A. Type out the code snippet Use the copilot refine command to enhance it Review the suggested command.
- B. Write code comments Press the suggestion shortcut Select the best suggestion from the list.
- C. Use gh copilot suggest Write the command you want Select the best suggestion from the list.
- D. Describe the project's architecture Use the copilot generate command Accept the generated suggestion.

Answer: C

NEW QUESTION 30

What is the correct way to access the audit log events for GitHub Copilot Business?

- A. Navigate to the Security tab in the organization's GitHub settings
- B. Navigate to the Insights tab in the repository settings
- C. Use the Audit log section in the organization's GitHub settings
- D. Use the Code tab in the GitHub repository

Answer: C

NEW QUESTION 35

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

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

Answer: A

NEW QUESTION 36

How can the insights gained from the metrics API be used to improve the development process in conjunction with GitHub Copilot?

- A. Real-time debugging and error resolution statistics.
- B. Insights on the types of coding languages where GitHub Copilot is most helpful.
- C. Automated generation of complete project documentation.
- D. Detailed analysis of GitHub Copilot's suggestions v
- E. manual coding.

Answer: D

NEW QUESTION 38

In what way can GitHub Copilot and GitHub Copilot Chat aid developers in modernizing applications?

- A. GitHub Copilot can directly convert legacy applications into cloud-native architectures.
- B. GitHub Copilot can suggest modern programming patterns based on your code.
- C. GitHub Copilot can create and deploy full-stack applications based on a single query.
- D. GitHub Copilot can refactor applications to align with upcoming standards.

Answer: B

NEW QUESTION 42

A company is currently storing code in Bitbucket and would like to use GitHub Copilot. Which GitHub Copilot plan will be most cost effective to allow them to manage users with their Identity Provider (e.g. Okta)?

- A. GitHub Copilot Business for non-GHE customers
- B. GitHub Copilot Individual
- C. GitHub Copilot Enterprise
- D. GitHub Copilot Teams

Answer: C

NEW QUESTION 46

How does the /tests slash command assist developers?

- A. Constructs detailed test documentation.
- B. Creates unit tests for the selected code.
- C. Integrates with external testing frameworks.
- D. Executes test cases to find issues with the code.

Answer: B

NEW QUESTION 49

What do you check when GitHub Copilot content exclusions are not working? (Each correct answer presents part of the solution. Choose two.)

- A. If GitHub Copilot can connect to the server selected in your user settings.
- B. If the user is part of the content exclusion team that limits the use of content exclusions.
- C. If the content exclusion settings changed in the last 30 minutes or before that.
- D. If the user is in an organization that has content exclusions configured.

Answer: CD

NEW QUESTION 53

Which REST API endpoint is used to modify details about a GitHub Copilot Business subscription? (Each correct answer presents part of the solution. Choose two.)

- A. Add teams to the Copilot subscription for an organization
- B. Upgrade or downgrade the subscription tier
- C. Migrate Copilot seat assignments between GitHub organizations
- D. Reassign Copilot seats based on GitHub repository size
- E. Remove teams from the Copilot subscription for an organization

Answer: AE

NEW QUESTION 56

Which of the following prompts can be used to guide GitHub Copilot Chat in refactoring code for quality improvements? (Each correct answer presents part of the solution. Choose two.)

- A. "Show me how to improve the readability of this function."
- B. "Suggest ways to enhance the maintainability of this code segment."
- C. "Refactor my application to meet the latest coding standards."
- D. "Predict future coding trends and update my codebase accordingly."

Answer: AB

NEW QUESTION 59

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 from which sources it should base the response on
- C. Telling GitHub Copilot to try multiple times to answer the prompt
- D. Telling GitHub Copilot to iterate several times on the answer before returning it to you

Answer: A

NEW QUESTION 60

A team is using GitHub Copilot Individual in their daily development activities. They need to exclude specific files from being used to inform code completion suggestions. How can they achieve this?

- A. Have an organization owner configure content exclusions
- B. Add a .gitignore file to the repo
- C. Have a repo administrator configure content exclusions
- D. Use the #file Chat variable to exclude the files
- E. Upgrade to Copilot Business

Answer: E

NEW QUESTION 64

Where can you validate if GitHub Copilot is not returning suggestions because of content exclusions?

- A. The GitHub Copilot icon in the status bar of the editor will display a message
- B. The GitHub Copilot logs on GitHub.com under your user settings
- C. The code suggestions window will display a warning message
- D. The GitHub Copilot errors panel in your IDE

Answer: A

NEW QUESTION 66

How does GitHub Copilot utilize chat history to enhance its code completion capabilities?

- A. By using chat history to offer personalized code snippets based on previous prompts.
- B. By logging chat history to monitor user activity and ensure compliance with coding standards.
- C. By analyzing past chat interactions to identify common programming patterns and errors.
- D. By sharing chat history with third-party services to improve integration and functionality.

Answer: C

NEW QUESTION 68

Which of the following steps correctly demonstrates how to establish an organization-wide policy for GitHub Copilot Business to restrict its use to certain repositories?

- A. Apply policies through the GitHub Actions configuration
- B. Create a copilot.policy file in each repository
- C. Configure the policies in the organization settings
- D. Create a copilot.policy in the .github repository

Answer: C

NEW QUESTION 73

Which Copilot Individual features are available when using a supported extension for Visual Studio, VS Code, or JetBrains IDEs? (Each correct answer presents part of the solution. Choose two.)

- A. Code suggestions
- B. Chat
- C. Knowledge Base
- D. Pull Request Diff Analysis

Answer: AB

NEW QUESTION 77

What types of content can GitHub Copilot Knowledge Base answer questions about? (Each correct answer presents part of the solution. Choose three.)

- A. Code snippets
- B. Compiled binaries
- C. Documentation
- D. Design patterns
- E. Screenshots

Answer: ACD

NEW QUESTION 80

Which of the following statements correctly describes how GitHub Copilot Individual uses prompt data? (Each correct answer presents part of the solution. Choose two.)

- A. Prompt data is stored unencrypted for faster processing.
- B. Prompt data is used internally by GitHub for improving the search engine.
- C. Prompt data is used to train machine learning models for better code suggestions.
- D. Real-time user input helps generate context-aware code suggestions.

Answer: CD

NEW QUESTION 83

What type of information can you retrieve through GitHub Copilot Business Subscriptions via REST API? (Each correct answer presents part of the solution. Choose two.)

- A. Get a summary of GitHub Copilot usage for organization members
- B. List all GitHub Copilot seat assignments for an organization
- C. View code suggestions for a specific user
- D. List of all unsubscribed GitHub Copilot members within an organization

Answer: AB

NEW QUESTION 84

Select a strategy to increase the performance of GitHub Copilot Chat.

- A. Optimize the usage of memory-intensive operations within generated code
- B. Apply prompt engineering techniques to be more specific
- C. Use a single GitHub Copilot Chat query to find resolutions for the collection of technical requirements
- D. Limit the number of concurrent users accessing GitHub Copilot Chat

Answer: B

NEW QUESTION 88

What is a limitation of content exclusions?

- A. Repository administrators and organization owners cannot manage content exclusion settings.
- B. Content exclusions can be worked around as it is only available for Git repositories.
- C. Content exclusions can only be configured by an enterprise administrator.
- D. Content exclusions are only available in the GitHub Copilot Individual plan.

Answer: C

NEW QUESTION 91

How can GitHub Copilot aid developers in writing documentation for their code?

- A. GitHub Copilot cannot assist in writing documentation or comments.
- B. GitHub Copilot can automatically generate complete and detailed documentation.
- C. GitHub Copilot can suggest summaries or descriptions based on the code's functionality.
- D. GitHub Copilot can only generate content in markdown format.

Answer: C

NEW QUESTION 95

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

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

Answer: B

NEW QUESTION 97

How can you use GitHub Copilot to get inline suggestions for refactoring your code? (Select two.)

- A. By adding comments to your code and triggering a suggestion.
- B. By highlighting the code you want to fix, right-clicking, and selecting "Fix using GitHub Copilot."
- C. By running the gh copilot fix command.
- D. By using the "/fix" command in GitHub Copilot in-line chat.
- E. By highlighting the code you want to fix, right-clicking, and selecting "Refactor using GitHub Copilot."

Answer: AE

NEW QUESTION 99

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

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

Answer: AD

NEW QUESTION 104

An independent contractor develops applications for a variety of different customers. Assuming no concerns from their customers, which GitHub Copilot plan is best suited?

- A. GitHub Copilot Individual
- B. GitHub Copilot Business
- C. GitHub Copilot Business for non-GHE Customers
- D. GitHub Copilot Enterprise
- E. GitHub Copilot Teams

Answer: A

NEW QUESTION 108

Why is it important to ensure the security of the code used in Generative AI (Gen AI) tools?

- A. Ensuring code security prevents unauthorized access and potential data breaches.
- B. Ensuring code security supports the development of more advanced AI features.
- C. Ensuring code security enables the AI system to handle larger datasets effectively.
- D. Ensuring code security maintains the integrity of the AI system.

Answer: A

NEW QUESTION 109

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

Answer: AC

NEW QUESTION 113

Which Copilot Enterprise features are available in all commercially supported IDEs?

- A. Inline suggestions
- B. Pull request summaries
- C. Knowledge bases
- D. Chat

Answer: AD

NEW QUESTION 117

What is a key consideration when relying on GitHub Copilot Chat's explanations of code functionality and proposed improvements?

- A. The explanations are dynamically updated based on user feedback.
- B. Reviewing and validating the generated output for accuracy and completeness.
- C. GitHub Copilot Chat uses a static database for generating explanations.
- D. The explanations are primarily derived from user-provided documentation.

Answer: B

NEW QUESTION 121

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

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

Answer: B

NEW QUESTION 126

In what ways can GitHub Copilot support a developer during the code refactoring process? (Each correct answer presents part of the solution. Choose two.)

- A. By offering code transformation examples that enhance performance and reduce complexity.
- B. By independently ensuring compliance with regulatory standards across industries.
- C. By providing suggestions for improving code readability and maintainability based on best practices.
- D. By autonomously refactoring entire codebases to the latest programming language.

Answer: AC

NEW QUESTION 129

Identify the right use cases where GitHub Copilot Chat is most effective. (Each correct answer presents part of the solution. Choose two.)

- A. Create a technical requirement specification from the business requirement documentation
- B. Explain a legacy COBOL code and translate the code to another language like Python.
- C. Creation of a unit test scenario for newly developed Python code
- D. Creation of end-to-end performance testing scenarios for a web application

Answer: BC

NEW QUESTION 133

What is the process behind identifying public code matches when using a public code filter enabled in GitHub Copilot?

- A. Running code suggestions through filters designed to detect public code
- B. Comparing suggestions against public code using machine learning.
- C. Analyzing the context and structure of the code being written
- D. Reviewing the user's browsing history to identify public repositories

Answer: A

NEW QUESTION 135

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

- A. GitHub Copilot can generate all types of unit tests, including those for edge cases and complex integration scenarios.

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

Answer: B

NEW QUESTION 137

What caution should developers exercise when using GitHub Copilot for assistance with mathematical computations?

- A. GitHub Copilot's capability to optimize complex mathematical algorithms beyond manual coding.
- B. GitHub Copilot's ability to execute and verify mathematical results in real-time.
- C. GitHub Copilot's reliance on pattern-based responses without verifying computation accuracy.
- D. GitHub Copilot's automatic update of outdated mathematical formulas to modern standards.

Answer: C

NEW QUESTION 138

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