

Microsoft.GH-300.v2026-08-21.q53

Exam Code:	GH-300
Exam Name:	GitHub Copilot
Certification Provider:	Microsoft
Free Question Number:	53
Version:	v2026-08-21
# of views:	149
# of Questions views:	530
https://www.freepdfdumps.com/Microsoft.GH-300.v2026-08-21.q53.html	

NEW QUESTION: 1

Which GitHub Copilot plan allows for prompt and suggestion collection?

- A. GitHub Copilot Individuals
- B. GitHub Copilot Business
- C. GitHub Copilot Enterprise
- D. GitHub Copilot Codespace

Answer: (SHOW ANSWER)

GitHub Copilot Enterprise allows for prompt and suggestion collection, enabling organizations to analyze and improve their usage of the tool.
Reference: GitHub Copilot Enterprise data collection documentation.

NEW QUESTION: 2

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

Answer: (SHOW ANSWER)

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.
Reference: GitHub Copilot language learning documentation.

NEW QUESTION: 3

What types of prompts or code snippets might be flagged by the GitHub Copilot toxicity filter? (Each correct answer presents part of the solution. Choose two.)

- A. Hate speech or discriminatory language (e.g., racial slurs, offensive stereotypes)
- B. Sexually suggestive or explicit content

- C. Code that contains logical errors or produces unexpected results
- D. Code comments containing strong opinions or criticisms

Answer: A,B ([LEAVE A REPLY](#))

GitHub Copilot includes a toxicity filter to prevent the generation of harmful or inappropriate content. This filter flags prompts or code snippets that contain hate speech, discriminatory language, or sexually suggestive or explicit content. This ensures a safe and respectful coding environment.

Reference: GitHub Copilot documentation on safety and content filtering.

NEW QUESTION: 4

What is the correct way to exclude specific files from being used by GitHub Copilot Business during code suggestions?

- A. Rename the files to include the suffix `_no_copilot`.
- B. Modify the `.gitignore` file to include the specific files.
- C. Add the specific files to a `copilot.ignore` file.
- D. Use the GitHub Copilot settings in the user interface to exclude files.

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 5

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: ([SHOW ANSWER](#)**)**

"Copilot's responses are generated based on patterns in training data and are not guaranteed to be mathematically accurate. Developers must verify calculations independently." This shows that Copilot cannot guarantee correctness in math and relies on patterns, making option C correct.

References: GitHub Copilot responsible use documentation.

NEW QUESTION: 6

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 ([LEAVE A REPLY](#))

For an independent contractor, GitHub Copilot Individual is the most suitable and cost-effective plan.

Reference: GitHub Copilot pricing documentation.

NEW QUESTION: 7

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 ([LEAVE A REPLY](#))

Audit log events for GitHub Copilot Business can be accessed through the Audit log section within the organization 's GitHub settings. This log provides a record of activities related to Copilot usage and configuration.

Reference: GitHub Copilot Business documentation on audit logs.

NEW QUESTION: 8

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

- A. When the user prompts with @workspace.
- B. When the repository-level settings allow overrides by the user.
- 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 ([LEAVE A REPLY](#))

"If excluded content is referenced by non-excluded code, such as through function calls, Copilot may still use that reference context." This confirms that excluded content can indirectly appear if referenced elsewhere.

References: GitHub Copilot content exclusions limitations documentation.

NEW QUESTION: 9

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 ([LEAVE A REPLY](#))

"Content exclusions can only be configured at the enterprise level by an enterprise administrator. Repository or organization admins cannot configure them directly." This confirms that configuration is limited to enterprise administrators, making option C correct.

References: GitHub Copilot content exclusions configuration documentation.

NEW QUESTION: 10

Which of the following statements best describes the impact of GitHub Copilot on the software development process?

- A. It decreases software vulnerabilities from third party dependencies.
- B. It reduces overhead by automating testing workflows.
- C. It increases productivity by automating repetitive coding tasks.
- D. It replaces the need for developers in the software development process.

Answer: C ([LEAVE A REPLY](#))

GitHub Copilot primarily impacts the software development process by increasing productivity through automating repetitive coding tasks.

Reference: GitHub Copilot impact documentation.

NEW QUESTION: 11

How can the concept of fairness be integrated into the process of operating an AI tool?

- A. Focusing on accessibility will ensure fairness.
- B. Focusing on collecting large datasets for training will ensure fairness.
- C. Regularly monitoring the AI tool 's performance will ensure fairness in its outputs.
- D. Training AI data and algorithms to be free from biases will ensure fairness.

Answer: D ([LEAVE A REPLY](#))

Fairness in AI tools is achieved by training the data and algorithms to be free from biases. This ensures that the tool treats all users equitably and avoids discriminatory outcomes.

Reference: Microsoft ' s AI principles and fairness guidelines.

NEW QUESTION: 12

What is the main purpose of the duplication detection filter in GitHub Copilot?

- A. To compare user-generated code against a private repository for potential matches.
- B. To allow administrators to control which suggestions are visible to developers based on custom criteria.
- C. To encourage the user to follow coding best practices preventing code duplication.
- D. To detect and block suggestions that match public code snippets on GitHub if they contain about 150 characters.

Answer: D ([LEAVE A REPLY](#))

"GitHub Copilot has a duplication detection filter that checks suggestions of about 150 characters or longer against public code on GitHub. If a match is found, the suggestion is blocked if you have configured blocking." This clearly defines the purpose as preventing Copilot from suggesting verbatim code found publicly.

References: GitHub Copilot duplication detection documentation.

NEW QUESTION: 13

Which GitHub Copilot plan could an Azure DevOps organization use without requiring a GitHub Enterprise license?

- A. GitHub Copilot Individual
- B. GitHub Copilot Enterprise
- C. GitHub Copilot for Azure DevOps
- D. Copilot Teams

Answer: C ([LEAVE A REPLY](#))

"GitHub Copilot for Azure DevOps is available to Azure DevOps organizations without requiring a GitHub Enterprise license." This confirms that Copilot for Azure DevOps is the correct plan for such organizations.

References: GitHub Copilot for Azure DevOps documentation.

NEW QUESTION: 14

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: (SHOW ANSWER)

Exact extracts:

* "Changes to content exclusion settings can take up to 30 minutes to take effect." References: GitHub Copilot troubleshooting and content exclusions documentation.

NEW QUESTION: 15

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: ([SHOW ANSWER](#))

Exact extracts:

* "When a file is affected by a content exclusion setting, GitHub Copilot will not suggest code completion in that file..." References: GitHub Copilot official troubleshooting documentation on content exclusions.

NEW QUESTION: 16

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: ([SHOW ANSWER](#))

GitHub Copilot Chat is designed to be a productivity enhancer, not a replacement for human developers. It provides suggestions and assists with coding tasks, but the final decision and validation always rest with the developer. Copilot Chat is meant to augment the developer ' s workflow, making it faster and more efficient, but it does not remove the need for human oversight and judgment.

Reference: GitHub Copilot official documentation on the tool ' s purpose and usage.

Valid GH-300 Dumps shared by Actual4test.com for Helping Passing GH-300 Exam! Actual4test.com now offer the **newest GH-300 exam dumps**, the Actual4test.com GH-300 exam **questions have been updated** and **answers have been corrected** get the **newest** Actual4test.com GH-300 dumps with Test Engine here: https://www.actual4test.com/GH-300_examcollection.html (125 Q&As Dumps, **30%OFF** Special Discount: **Freepdfdumps**)

NEW QUESTION: 17

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

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

Answer: C ([LEAVE A REPLY](#))

"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: 18

When using GitHub Copilot Chat to generate unit tests, which slash command would you use?

- A. /create-tests
- B. /tests
- C. /init-tests
- D. /generate-tests

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 19

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

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

Answer: D ([LEAVE A REPLY](#))

"Copilot Enterprise provides inline code suggestions and Copilot Chat in all commercially supported IDEs.

Additional features, such as pull request summaries and knowledge bases, are available in GitHub.com." This confirms that inline suggestions and Chat are the features consistently available in IDEs.

References: GitHub Copilot Enterprise feature documentation.

NEW QUESTION: 20

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: (SHOW ANSWER)

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

Reference: AI risk management documentation.

NEW QUESTION: 21

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 ([LEAVE A REPLY](#))

"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: 22

What practices enhance the quality of suggestions provided by GitHub Copilot? (Select three.)

- A. Clearly defining the problem or task
- B. Including personal information in the code comments
- C. Using meaningful variable names
- D. Providing examples of desired output
- E. Use a .gitignore file to exclude irrelevant files

Answer: A,C,D (LEAVE A REPLY)

The quality of Copilot's suggestions is enhanced by clearly defining the task, using meaningful variable names, and providing examples of the desired output.

Reference: GitHub Copilot prompt engineering best practices.

NEW QUESTION: 23

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

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

Answer: A (LEAVE A REPLY)

"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: 24

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

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

Answer: A (LEAVE A REPLY)

In the CLI, GitHub Copilot generates code suggestions by analyzing code comments. You write comments describing what you want, and Copilot provides relevant code suggestions. You then select the best suggestion from the list.

Reference: GitHub Copilot CLI documentation.

NEW QUESTION: 25

What is a likely effect of GitHub Copilot being trained on commonly used code patterns?

- A. Suggest innovative coding solutions that are not yet popular.
- B. Suggest completely novel projects, while reducing time on a project.

- C. Suggest code snippets that reflect the most common practices in the training data.
- D. Suggest homogeneous solutions if provided a diverse data set.

Answer: C ([LEAVE A REPLY](#))

"Because GitHub Copilot is trained on a large amount of publicly available code, it often suggests snippets that reflect common coding practices and idioms." This shows that Copilot reflects the most common practices it has seen in its training data.

References: GitHub Copilot documentation on training and suggestion patterns.

NEW QUESTION: 26

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: ([SHOW ANSWER](#)**)**

"Content exclusions are available only with GitHub Copilot Business and Enterprise. Copilot Individual users cannot configure exclusions." This confirms that the only way for the team to achieve exclusions is by upgrading to Copilot Business.

References: GitHub Copilot content exclusions documentation.

NEW QUESTION: 27

What specific function does the /fix slash command perform?

- A. Initiates a code review with static analysis tools for security and logic errors.
- B. Converts pseudocode into executable code, optimizing for readability and maintainability.
- C. Generates new code snippets based on language syntax and best practices.
- D. Proposes changes for detected issues, suggesting corrections for syntax errors and programming mistakes.

Answer: D ([LEAVE A REPLY](#))

"/fix: Propose changes to resolve detected issues, such as syntax errors or common programming mistakes, in the selected code." This confirms that the /fix command is used to suggest corrections for identified problems.

References: GitHub Copilot Chat command reference.

NEW QUESTION: 28

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: ([SHOW ANSWER](#)**)**

GitHub Copilot Individual provides code suggestions and chat features when used with supported IDE extensions like Visual Studio, VS Code, and JetBrains IDEs.

Reference: GitHub Copilot Individual features documentation.

NEW QUESTION: 29

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 ([LEAVE A REPLY](#))

"GitHub Copilot may sometimes suggest deprecated code, APIs, or patterns if these appear in its training data. Users are responsible for reviewing and updating the suggestions." This confirms that Copilot does not automatically update or reject deprecated features, but may still suggest them if they were part of training.

References: GitHub Copilot usage limitations documentation.

NEW QUESTION: 30

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: ([SHOW ANSWER](#)**)**

GitHub Copilot and GitHub Copilot Chat are powerful AI-driven tools designed to assist developers by providing context-aware code suggestions and interactive support. Specifically, in the context of modernizing applications, GitHub Copilot excels at analyzing existing code and suggesting modern programming patterns, best practices, and syntax improvements that align with contemporary development standards. For example, it can recommend updates to outdated constructs, propose more efficient algorithms, or suggest frameworks and libraries that are widely used in modern application development.

* Why not A?GitHub Copilot does not "directly convert" legacy applications into cloud-native architectures. It can assist by suggesting code changes or patterns that support such a transition, but it doesn't autonomously perform the full conversion process, which involves architectural decisions and deployment steps beyond its scope.

* Why not C?While GitHub Copilot can generate code snippets and even larger portions of an application, it cannot create and deploy full-stack applications from a single query. It requires developer input, refinement, and integration to achieve a complete, deployable solution.

* Why not D?GitHub Copilot can assist with refactoring by suggesting improvements to existing code, but it doesn't inherently "align with upcoming standards" in a predictive sense. Its suggestions are based on current best practices and the data it was trained on, not future standards that are yet to be defined.

Thus,Bis the most accurate and realistic way GitHub Copilot aids developers in modernizing applications, leveraging its ability to provide relevant, context-based suggestions to update and improve codebases.

Reference: GitHub Copilot documentation on application modernization.

NEW QUESTION: 31

What role does the pre-processing of user input play in the data flow of GitHub Copilot Chat?

- A. It filters out irrelevant information from the user ' s input prompt.

- B. It enriches the input prompt with additional context before passing it to the language model.
- C. It directly generates a response based on the user ' s input prompt.
- D. It formats the output response before presenting it to the user.

Answer: B (LEAVE A REPLY)

"Before being sent to the model, user input is pre-processed to enrich the prompt with contextual information such as open files, code selections, or previous conversation history." This shows that pre-processing is used to enrich input with context, making option B correct.

References: GitHub Copilot Chat architecture documentation.

Valid GH-300 Dumps shared by Actual4test.com for Helping Passing GH-300 Exam! Actual4test.com now offer the **newest GH-300 exam dumps**, the Actual4test.com GH-300 exam **questions have been updated** and **answers have been corrected** get the **newest** Actual4test.com GH-300 dumps with Test Engine here: https://www.actual4test.com/GH-300_examcollection.html (125 Q&As Dumps, **30%OFF** Special Discount: **Freepdfdumps**)

NEW QUESTION: 32

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: (SHOW ANSWER)

Content exclusions typically take up to 30 minutes to be added or updated.

Reference: GitHub Copilot content exclusion documentation.

NEW QUESTION: 33

How long does GitHub retain Copilot data for Business and Enterprise? (Each correct answer presents part of the solution. Choose two.)

- A. Prompts and Suggestions: Not retained
- B. Prompts and Suggestions: Retained for 28 days
- C. User Engagement Data: Kept for Two Years
- D. User Engagement Data: Kept for One Year

Answer: B,C (LEAVE A REPLY)

For GitHub Copilot Business and Enterprise, prompts and suggestions are retained for 28 days to provide context and improve the service. User engagement data, which includes usage patterns and interactions, is kept for two years. This data retention policy is designed to balance service improvement with user privacy.

Reference: GitHub Copilot documentation on data privacy and retention policies for Business andEnterprise plans.

NEW QUESTION: 34

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: A,E ([LEAVE A REPLY](#))

You can use GitHub Copilot for inline refactoring suggestions by adding comments to your code to trigger suggestions and by highlighting the code and selecting " Refactor using GitHub Copilot " from the context menu.

Reference: GitHub Copilot refactoring documentation.

NEW QUESTION: 35

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: B,C ([LEAVE A REPLY](#))

Exact extracts:

"Copilot Chat can generate documentation based on your code."

References: GitHub Copilot Chat productivity documentation.

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 vs. manual coding.

Answer: D ([LEAVE A REPLY](#))

"The Copilot metrics API provides insights into how suggestions are being accepted and used, enabling teams to analyze the relative impact of Copilot-generated code versus manually written code." This confirms option D is correct, as the API enables analysis of Copilot versus manual coding.

References: GitHub Copilot metrics API documentation.

NEW QUESTION: 37

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: ([SHOW ANSWER](#))

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: 38

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 ([LEAVE A REPLY](#))

"Securing the code used with generative AI prevents unauthorized access, helps safeguard sensitive data, and protects against potential breaches."

This confirms option A is correct because the primary importance lies in avoiding unauthorized access and breaches.

References: GitHub Copilot responsible use and AI security documentation.

NEW QUESTION: 39

Why is code reviewing still necessary when using GitHub Copilot to write tests?

- A. Because GitHub Copilot can cover all possible scenarios in your test cases.
- B. Because GitHub Copilot generates the best code possible for the test scenario.
- C. Because GitHub Copilot's generated test cases may not cover all possible scenarios.
- D. Because GitHub Copilot replaces the need for manual testing.

Answer: ([SHOW ANSWER](#))

Code review is necessary because GitHub Copilot's generated test cases might not cover all possible scenarios, especially edge cases and complex interactions.

Reference: GitHub Copilot testing best practices.

NEW QUESTION: 40

Which GitHub Copilot pricing plans include features that exclude your GitHub Copilot data like usage, prompts, and suggestions from default training GitHub Copilot? (Choose two correct answers.)

- A. GitHub Copilot Business
- B. GitHub Copilot Codespace
- C. GitHub Copilot Individual
- D. GitHub Copilot Enterprise

Answer: A,D ([LEAVE A REPLY](#))

"For Copilot Business and Copilot Enterprise, user data such as code suggestions, prompts, and completions are excluded from training GitHub Copilot's models." This confirms that only Business and Enterprise plans provide this exclusion feature.

References: GitHub Copilot data usage and privacy documentation.

NEW QUESTION: 41

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

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

Answer: ([SHOW ANSWER](#))

"On GitHub Mobile, you can use emojis in the Copilot Chat interface to provide quick feedback on the responses." This makes option A correct.

References: GitHub Copilot Mobile documentation.

NEW QUESTION: 42

What role does chat history play in GitHub Copilot 's code suggestions?

- A. Chat history is used to train the GitHub Copilot model in real-time.
- B. Chat history provides context to GitHub Copilot, improving the relevance and accuracy of its code suggestions.
- C. Chat history is stored and shared with other users to enhance collaboration.
- D. Chat history is irrelevant to GitHub Copilot and does not affect its functionality.

Answer: B ([LEAVE A REPLY](#))

Chat history provides valuable context to GitHub Copilot, helping it generate more relevant and accurate code suggestions based on previous interactions and conversations.

Reference: GitHub Copilot Chat history documentation.

NEW QUESTION: 43

You have a GitHub Copilot subscription.

You need to start an interactive GitHub Copilot CLI session from the root folder of a project.

If you are NOT authenticated, GitHub Copilot must prompt you to sign in.

Which four actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

Run /login.

Run copilot --resume.

Run gh auth login.

Open a browser-based GitHub sign-in flow.

Confirm folder trust.

Run copilot.

Microsoft

freepdfdumps.com

Answer:

Actions

- Run /login.
- Run copilot --resume.
- Run gh auth login.
- Open a browser-based GitHub sign-in flow.
- Confirm folder trust.
- Run copilot.

Answer Area

- Run gh auth login.
- Open a browser-based GitHub sign-in flow.
- Confirm folder trust.
- Run copilot.

Actions

- Run /login.
- Run copilot --resume.

Answer Area

- Run gh auth login.
- Open a browser-based GitHub sign-in flow.
- Confirm folder trust.
- Run copilot.

NEW QUESTION: 44

How can GitHub Copilot assist with code refactoring tasks?

- A. GitHub Copilot can fix syntax errors without user input.
- B. GitHub Copilot can automatically rewrite code to follow best practices.
- C. GitHub Copilot can suggest refactoring improvements for better code quality.
- D. GitHub Copilot can remove unnecessary files from the project directory.

Answer: C (LEAVE A REPLY)

GitHub Copilot can analyze existing code and suggest refactoring improvements to enhance code quality, readability, and maintainability. It can propose changes to improve code structure, reduce complexity, and follow best practices.

Reference: GitHub Copilot documentation on code refactoring assistance.

NEW QUESTION: 45

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: ([SHOW ANSWER](#))

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: 46

How can users provide feedback about GitHub Copilot Chat using their IDE?

- A.** By filling out a feedback form on the GitHub website
- B.** By emailing the support team directly
- C.** By posting on the GitHub forums
- D.** Through the "Share Feedback" button in the Copilot Chat panel

Answer: ([SHOW ANSWER](#))

"In supported IDEs, you can provide feedback directly from the Copilot Chat panel by selecting the 'Share Feedback' option." This establishes that the in-IDE "Share Feedback" button is the official channel for submitting user feedback.

References: GitHub Copilot Chat feedback documentation.

Valid GH-300 Dumps shared by Actual4test.com for Helping Passing GH-300 Exam! Actual4test.com now offer the **newest GH-300 exam dumps**, the Actual4test.com GH-300 exam **questions have been updated** and **answers have been corrected** get the **newest** Actual4test.com GH-300 dumps with Test Engine here: https://www.actual4test.com/GH-300_examcollection.html (125 Q&As Dumps, **30%OFF** Special Discount: **Freepdfdumps**)

NEW QUESTION: 47

Which of the following does GitHub Copilot's LLM derive context from when producing a response?

- A.** Frequency of commits to the repository
- B.** Syntax highlighting scheme of the code in the IDE
- C.** Neighboring or related files within a project
- D.** Version control system integrated with the IDE

Answer: ([SHOW ANSWER](#))

"Copilot may use context from neighboring or related files in the project to improve the accuracy of its suggestions." This confirms that context is enriched with information from related files, making option C correct.

References: GitHub Copilot context derivation documentation.

NEW QUESTION: 48

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 ([LEAVE A REPLY](#))

"To generate a suggestion, run gh copilot suggest, provide your command description, then review and select from the suggestions returned." This confirms the CLI command flow in option C.

References: GitHub Copilot CLI documentation.

NEW QUESTION: 49

What GitHub Copilot pricing plan gives you access to your company ' s knowledge bases?

- A.** GitHub Copilot Individual
- B.** GitHub Copilot Business
- C.** GitHub Copilot Enterprise
- D.** GitHub Copilot Professional

Answer: C ([LEAVE A REPLY](#))

GitHub Copilot Enterprise provides access to your company ' s knowledge bases, enabling the tool to provide contextually relevant suggestions based on your organization ' s specific documentation and code.

Reference: GitHub Copilot Enterprise pricing and features.

NEW QUESTION: 50

How does GitHub Copilot Chat ensure that a function works correctly?

- A.** By suggesting assertions based on the code's context and semantics.
- B.** By automatically writing all the tests for the function.
- C.** By writing the implementation code for the function.
- D.** By executing the test cases to validate the correctness of the code.

Answer: A ([LEAVE A REPLY](#))

GitHub Copilot Chat can suggest assertions based on the code's context and semantics to help developers verify the correctness of their functions. These assertions serve as checks that the function behaves as expected under various conditions.

Reference: GitHub Copilot documentation on testing and code verification.

NEW QUESTION: 51

What can be done during AI development to minimize bias?

- A.** Improve on the computational efficiency and speed.
- B.** Focus on accuracy of the data.
- C.** Collect massive amounts of data for training.
- D.** Use diverse data, fairness metrics, and human oversight.

Answer: D ([LEAVE A REPLY](#))

"Minimizing bias requires diverse datasets, use of fairness metrics, and human oversight throughout development and deployment." This clearly confirms that the proper approach is a combination of diverse data, fairness metrics, and oversight.

References: Microsoft Responsible AI and GitHub Copilot fairness guidelines.

NEW QUESTION: 52

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: ([SHOW ANSWER](#))

"Performance of Copilot Chat can be improved with prompt engineering. More specific prompts give more relevant and accurate answers." This confirms that applying prompt engineering techniques is the valid strategy.

References: GitHub Copilot Chat best practices documentation.

NEW QUESTION: 53

What is used by GitHub Copilot in the IDE to determine the prompt context?

- A. Information from the IDE like open tabs, cursor location, selected code.
- B. All the code in the current repository and any git submodules.
- C. The open tabs in the IDE and the current folder of the terminal.
- D. All the code visible in the current IDE.

Answer: ([SHOW ANSWER](#))

"GitHub Copilot generates suggestions based on context from the IDE, including the file you are editing, open tabs, cursor position, and any selected code." This proves that the context is drawn from editor state information, making option A correct.

References: GitHub Copilot context and suggestions documentation.

Valid GH-300 Dumps shared by Actual4test.com for Helping Passing GH-300 Exam! Actual4test.com now offer the **newest GH-300 exam dumps**, the Actual4test.com GH-300 exam **questions have been updated** and **answers have been corrected** get the **newest** Actual4test.com GH-300 dumps with Test Engine here: https://www.actual4test.com/GH-300_examcollection.html (125 Q&As Dumps, **30%OFF** Special Discount: **Freepdfdumps**)