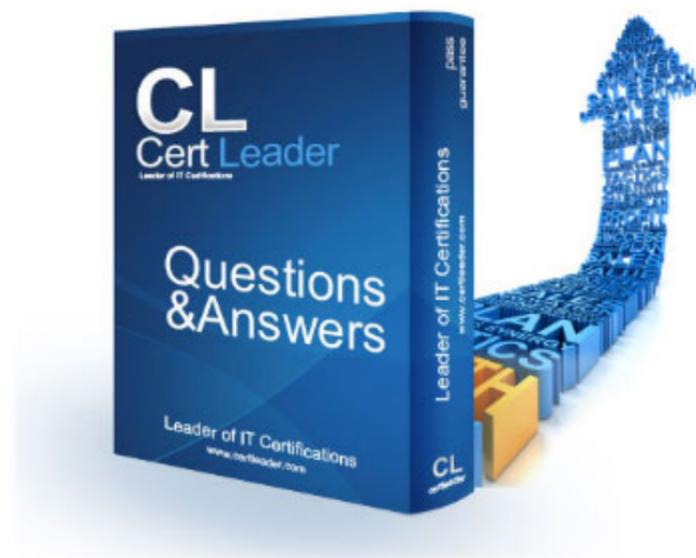# GH-300 Dumps

GitHub Copilot Exam

https://www.certleader.com/GH-300-dumps.html

NEW QUESTION 1
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 2
GitHub Copilot in the Command Line Interface (CLI) can be used to configure the following settings: (Each correct answer presents part of the solution. Choose two.)

A. The default execution confirmation
B. Usage analytics
C. The default editor
D. GitHub CLI subcommands

Answer: AB

NEW QUESTION 3
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

NEW QUESTION 4
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 5
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: A

NEW QUESTION 6
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 7
How can GitHub Copilot assist developers during the requirements analysis phase of the Software Development Life Cycle (SDLC)?

A. By automatically generating detailed requirements documents.
B. By providing templates and code snippets that help in documenting requirements.
C. By identifying and fixing potential requirement conflicts when using /help.
D. By managing stakeholder communication and meetings.

Answer: B

NEW QUESTION 8

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 9
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 10
Which principle emphasizes that AI systems should be understandable and provide clear information on how they work?

A. Fairness
B. Transparency
C. Inclusiveness
D. Accountability

Answer: B

NEW QUESTION 10
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

NEW QUESTION 15
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 17
What is the impact of the "Fill-In-the-Middle" (FIM) technique on GitHub Copilot's code suggestions?

A. Restricts Copilot to use only external databases for generating code suggestions.
B. Allows Copilot to generate suggestions based only on the prefix of the code.
C. Ignores both the prefix and suffix of the code, focusing only on user comments for context.
D. Improves suggestions by considering both the prefix and suffix of the code, filling in the middle part more accurately.

Answer: D

NEW QUESTION 19
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 24
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 26
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 28
What is the primary role of the /optimize slash command in Visual Studio?

A. Translates code into a more performant language.
B. Enhances the performance of the selected code by analyzing its runtime complexity.
C. Automatically formats the code according to the selected style guide.
D. Summarizes your documentation into more maintainable and readable formats.

Answer: B

NEW QUESTION 30
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 34
How can you get multiple suggestions from GitHub Copilot?

A. By asking for multiple suggestions using comments in your code
B. By opening the completions panel in your editor
C. By using the inline chat functionality with the command 'multiple'
D. By using @workspace in the chat window

Answer: B

NEW QUESTION 39
Which of the following GitHub Copilot Business related activities can be tracked using the organization audit logs?

A. Accepted chat suggestions
B. Code suggestions made by GitHub Copilot
C. Changes to content exclusion settings
D. Suggestions blocked by duplication detection filtering

Answer: C

NEW QUESTION 40
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: C

NEW QUESTION 42
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

NEW QUESTION 43
What method can be used to interact with GitHub Copilot?

A. By using a properly configured GitHub CLI
B. By using chat capabilities in NeoVim
C. From a watch window in an IDE debug session
D. From a web browser at https://github.copilot.com

Answer: B

NEW QUESTION 48
Which of the following are true about code suggestions? (Each correct answer presents part of the solution. Choose two.)

A. Code suggestions are guaranteed to not expose known security vulnerabilities
B. You can use keyboard shortcuts to accept the next word in a suggestion
C. Code suggestions are limited to single-line suggestions
D. Code suggestions will always compile or run without modifications
E. Alternative code suggestions can be shown in a new tab

Answer: BE

NEW QUESTION 49
What should developers consider when relying on GitHub Copilot for generating code that involves statistical analysis?

A. GitHub Copilot can independently verify the statistical significance of results.
B. GitHub Copilot's suggestions are based on statistical trends and may not always apply accurately to specific datasets.
C. GitHub Copilot will automatically correct any statistical errors found in the user's initial code.
D. GitHub Copilot can design new statistical methods that have not been previously documented.

Answer: B

NEW QUESTION 50
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

NEW QUESTION 51
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

NEW QUESTION 52
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 53
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 58
How does GitHub Copilot assist developers in minimizing context switching?

A. GitHub Copilot can automatically handle project management tasks.
B. GitHub Copilot can completely replace the need for human collaboration.
C. GitHub Copilot can predict and prevent bugs before they occur.
D. GitHub Copilot allows developers to stay in their IDE.

Answer: D

NEW QUESTION 62
Are there any limitations to consider when using GitHub Copilot for code refactoring?

A. GitHub Copilot may not always produce optimized or best-practice code for refactoring.
B. GitHub Copilot can only be used with a limited set of programming languages.
C. GitHub Copilot always produces bug-free code during refactoring.
D. GitHub Copilot understands the context of your entire project and refactors code accordingly.

Answer: A

NEW QUESTION 64
What content can be configured to be excluded with content exclusions? (Each correct answer presents part of the solution. Choose three.)

A. Files
B. Folders
C. Lines in files
D. Gists
E. Repositories

Answer: ABE

NEW QUESTION 66
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: ACD

NEW QUESTION 68
What is the correct way to exclude specific files from being used by GitHub Copilot Business during code suggestions?

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

Answer: C

NEW QUESTION 71
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 73
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 76
What are the potential limitations of GitHub Copilot in maintaining existing codebases?

A. GitHub Copilot can independently manage and resolve all merge conflicts in version control.
B. GitHub Copilot might not fully understand the context and dependencies within a large codebase.
C. GitHub Copilot's suggestions are always aware of the entire codebase.

D. GitHub Copilot can refactor and optimize the entire codebase up to 10,000 lines of code.

Answer: B

NEW QUESTION 80
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D. GitHub Copilot can refactor and optimize the entire codebase up to 10,000 lines of code.

Answer: B

NEW QUESTION 80
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