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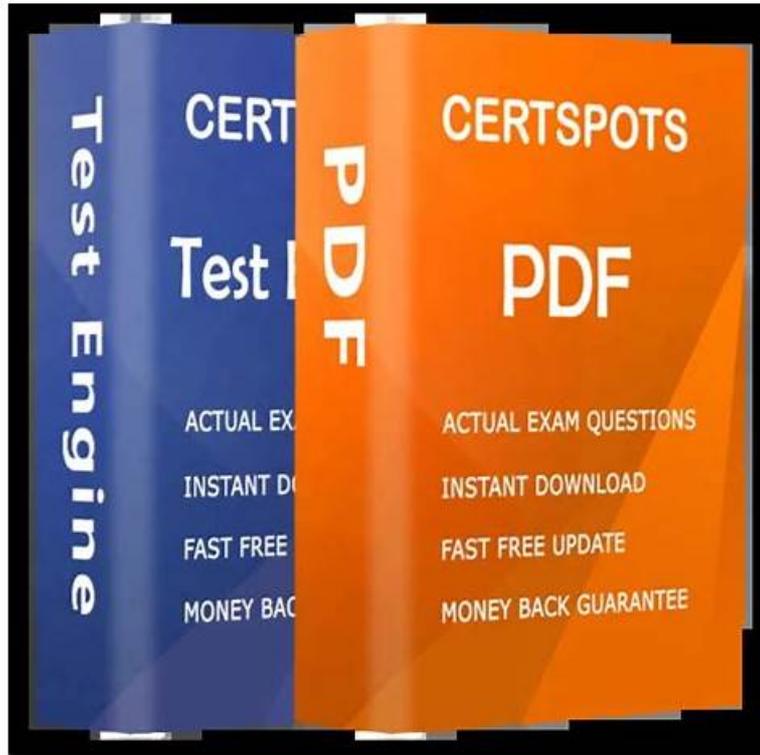
GitHub certification exams become more and more popular. The certification exams are widely recognized by international community, so increasing numbers of people choose to take GitHub certification test. Among GitHub certification exams, GitHub-Copilot is one of the most important exams. So, in order to pass GitHub-Copilot test successfully, how do you going to prepare for your exam? Will you choose to study hard examinations-related knowledge, or choose to use high efficient study materials?

GitHub GitHub-Copilot Exam Syllabus Topics:

Topic	Details
Topic 1	• GitHub Copilot Plans and FeaturesThis section of the exam measures the skills of Software Engineers and IT Administrators and covers different GitHub Copilot plans, including Individual, Business, and Enterprise editions. It explains the integration of GitHub Copilot within IDEs and discusses key features such as inline chat, multiple suggestions, and exception handling. The section details the policies for managing GitHub Copilot within organizations, including auditing logs and API management. It also highlights advanced functionalities like knowledge bases for improved code quality and best practices for Copilot Chat usage.
Topic 2	• How GitHub Copilot Works and Handles Data: This section of the exam measures the skills of Data Security Specialists and DevOps Engineers and covers how GitHub Copilot processes data, handles code suggestions and manages privacy concerns. It explains the data pipeline for Copilot's suggestions, how it gathers context, and how prompts are processed through its AI model. The section also discusses the limitations of AI-generated code, the effects of historical data on suggestions, and the role of prompt crafting. Best practices for improving prompt effectiveness and optimizing AI-generated responses are included.

Topic 3	• Testing with GitHub Copilot: This section of the exam measures skills of QA Engineers and Test Automation Specialists and covers AI-assisted testing methodologies, including the generation of unit tests, integration tests, and edge case detection. It explains how GitHub Copilot improves test effectiveness by suggesting relevant assertions and boilerplate test cases. The section also discusses privacy considerations, organizational code suggestion settings, and best practices for configuring GitHub Copilot's testing features.
Topic 4	• Prompt Engineering: This section of the exam measures skills of AI Engineers and Software Developers and covers the fundamentals of prompt engineering, including key principles, techniques, and best practices for generating high-quality outputs. It explains different prompting strategies such as zero-shot and few-shot prompting, how context influences AI-generated responses, and the role of structured prompts in guiding Copilot's behavior. It also discusses the prompt lifecycle and ways to enhance model performance through refined input instructions.
Topic 5	• Responsible AI: This section of the exam measures the skills of AI Ethics Analysts and AI Developers and covers the principles of responsible AI usage, the risks associated with AI, and the limitations of generative AI tools. It includes the importance of validating AI-generated outputs and operating AI systems responsibly. It also explores potential harms such as bias, privacy concerns, and fairness issues, along with methods to mitigate these risks. The ethical considerations of AI development and deployment are also discussed.

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GitHub CopilotCertification Exam Sample Questions (Q34-Q39):

NEW QUESTION # 34
Which of the following statements best describes the impact of GitHub Copilot on the software development process?

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

Answer: C

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

NEW QUESTION # 35
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. Reassign Copilot seats based on GitHub repository size
- D. Remove teams from the Copilot subscription for an organization
- E. Migrate Copilot seat assignments between GitHub organizations

Answer: A,D

Explanation:
The REST API endpoints are used to add and remove teams from the Copilot Business subscription within an organization.

NEW QUESTION # 36
Identify the right use cases where GitHub Copilot Chat is most effective. (Each correct answer presents part of the solution. Choose two.)

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

Answer: A,C

Explanation:
GitHub Copilot Chat is effective for explaining and translating legacy code and generating unit test scenarios for new code.

NEW QUESTION # 37
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. GitHub CLI subcommands
- C. Usage analytics
- D. The default editor

Answer: A,C

Explanation:
GitHub Copilot in the CLI allows configuration of settings such as the default execution confirmation and usage analytics. These settings help tailor the CLI experience to the user's preferences.

NEW QUESTION # 38
What is zero-shot prompting?

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

Answer: B

Explanation:
Zero-shot prompting involves asking GitHub Copilot a question or giving a task without providing any examples. This relies on the model's pre-existing knowledge to generate a response.

NEW QUESTION # 39
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