Regression quiz

6 out of 6 correct

1. What is the purpose of deploying a Python project on a cloud platform?

- ○ To reduce the cost of hardware and maintenance
- ◉ To increase the scalability and availability of the project
- ○ To improve the performance of the project
- ○ None of the above

Explanation: Deploying a Python project on a cloud platform allows for easy scaling and ensures that the project is available to users at all times, without the need for expensive hardware or maintenance.

2. What is Flask?

- ○ A database management system
- ◉ A web framework for Python
- ○ A cloud computing platform
- ○ A machine learning library

Explanation: Flask is a popular web framework for Python that allows developers to quickly build and deploy web applications.

3. Which cloud platform allows you to deploy Python projects?

- ○ Amazon Web Services (AWS)
- ○ Microsoft Azure
- ○ Google Cloud Platform (GCP)

- [x] All of the above

Explanation: All major cloud platforms, including AWS, Microsoft Azure, and GCP, allow you to deploy Python projects.

4. What is the purpose of a UI in a Python project?

- [ ] To improve the performance of the project
- [x] To allow users to interact with the project
- [ ] To store data generated by the project
- [ ] None of the above

Explanation: A UI (user interface) in a Python project allows users to interact with the project, whether it's through a web interface, desktop application, or mobile app.

5. Which of the following is not a common Python web framework?

- [ ] Django
- [ ] Flask
- [ ] Pyramid
- [x] Vue.js

Explanation: Vue.js is a popular JavaScript front-end framework, not a Python web framework.

6. What is the purpose of a requirements.txt file in a Python project?

- [ ] To specify the Python version required for the project
- [x] To list the dependencies required for the project
- [ ] To store configuration variables
- [ ] None of the above

Explanation: A requirements.txt file in a Python project lists the dependencies required for the project to run, making it easier to manage and deploy the project with its dependencies.

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