1 point

1. Which of the following is an application that interacts with other software components using APIs for data exchange, communication, or functionality enhancement?

- ○ Multi-model application
- ◉ API-based application
- ○ HTTP API
- ○ Embedded model

1 point

2. Which of the following is a design principle that suggests dividing complex systems into smaller, independent components responsible for specific functions, improving maintainability and scalability?

- ○ Embedded model
- ○ Multi-model application
- ○ Azure OpenAI
- ◉ Separation of concerns

1 point

3. Which of the following refers to a machine learning model integrated within an application, allowing the app to perform specific tasks without relying on external services?

- ○ API-based application
- ○ Multi-model application
- ○ Azure OpenAI
- ◉ Embedded model

1 point

4. Which of the following is an interface for exchanging data between systems using Hypertext Transfer Protocol (HTTP) requests and responses over the internet?

- ○ Separation of concerns
- ○ Embedded model
- ◉ HTTP API
- ○ Multi-model application

1 point

5. Which of the following is a key benefit of using a multi-model application, where multiple models are tailored to different functions or domains?

- ○ Enhanced scalability by adding resources
- ○ Reduced complexity and improved maintainability
- ○ Easier integration with external services
- ◉ Improved performance and efficiency in various scenarios