

Exam Questions AB-100

Agentic AI Business Solutions Architect (beta)

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NEW QUESTION 1

- (Topic 2)
You need to recommend a security solution for agents in a Microsoft Power Platform environment.
The agents must use only approved connectors and services. The solution must prevent the agents from accessing sensitive data. What should you recommend?

- A. Enable customer-managed keys in Microsoft Dataverse.
- B. Deploy data loss prevention (DLP) policies in Power Platform.
- C. Configure Azure Monitor to capture connector activity logs.
- D. Enable a Microsoft Dataverse audit.

Answer: B

NEW QUESTION 2

DRAG DROP - (Topic 2)
You are designing two Microsoft Copilot Studio agents named Agent1 and Agent2. Each agent must meet the following requirements:
Each agent must use a standard model.
Each agent must NOT use generative orchestration.
Agent1 must support simple and short phrases for a given topic.
Agent2 must integrate with Microsoft Dynamics 365 Contact Center voice channel. You need to recommend language models for the agents.
What should you recommend for each agent?

Language models

- Azure Language in Foundry Tools
- Azure OpenAI
- Conversational language understanding (CLU)
- Natural language understanding (NLU)
- Natural language understanding + (NLU+)

Answer Area

Language model

Agent1:

Agent2:

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Language models

- Azure Language in Foundry Tools
- Azure OpenAI
- Conversational language understanding (CLU)
- Natural language understanding (NLU)
- Natural language understanding + (NLU+)

Answer Area

Language model

Agent1:

Agent2:

NEW QUESTION 3

- (Topic 2)
Which two components for the custom AI agent should you include in the application lifecycle management (ALM) process? Each correct answer presents part of the solution.
NOTE; Each correct selection is worth one point.

- A. anX++ model
- B. a ZIP package
- C. an Azure package
- D. a Microsoft Power Platform solution
- E. a Cloud Scale Unit (CSU) package

Answer: AD

NEW QUESTION 4

- (Topic 2)
A manufacturing company wants to deploy an agent that will automate supplier invoice processing.
You are designing a solution to evaluate the financial implications of the deployment. The company is especially concerned about budget overruns.

You need to ensure that the solution considers the total cost of ownership (TCO), the expected savings from using automation, and whether to extend the existing AI capabilities.
What should you include in the design?

- A. adopting prebuilt agents to reduce the deployment time
- B. a return on AI investment (ROAI) analysis
- C. a break-even analysis only
- D. training a custom model

Answer: B

NEW QUESTION 5

- (Topic 2)
A company has a Microsoft Dynamics 365 Sales environment that has Microsoft Copilot enabled.
You need to customize Copilot by tailoring how opportunity summaries are generated or how they are presented to users.
Solution: You add the opportunity summary widget to the Opportunity form. Does this meet the goal?

- A. Yes
- B. No

Answer: B

NEW QUESTION 6

- (Topic 2)
A company has an AI business solution.
You need to extend the solution so that Microsoft 365 Copilot can invoke external logic hosted in Azure services.
What should you include in the solution?

- A. Microsoft Copilot Studio skills
- B. Microsoft Power Platform connectors
- C. custom engine agents

Answer: B

NEW QUESTION 7

DRAG DROP - (Topic 2)
A company has a Microsoft Foundry project that uses a single agent and a single prompt to complete a series of tasks.
The agent encounters the following issues: It frequently produces incomplete results.
It struggles with domain-specific reasoning. Agent response times are remarkably slow.
You need to recommend a solution to improve the overall performance and accuracy of the agent.
What should you include in the recommendation? To answer, drag the appropriate actions to the correct requirements. Each action may be used once, more than once, or not at all.

Actions

Add a grounding data source.

Add a prebuilt connector.

Move to a multi-agent architecture.

Upgrade to a larger generative AI model.

Answer Area

Action

To improve performance:

To improve accuracy:

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Actions

Add a grounding data source.

Add a prebuilt connector.

Move to a multi-agent architecture.

Upgrade to a larger generative AI model.

Answer Area

Action

To improve performance:

Move to a multi-agent architecture.

To improve accuracy:

Add a grounding data source.

NEW QUESTION 8

- (Topic 2)

A company has an Azure environment that supports multiple business units. The company plans to implement an AI solution that will perform sentiment analysis on customer product reviews. You need to evaluate the potential cost of the solution to support return on AI investment (ROAI) analysis. What should you use?

- A. Total Cost of Ownership (TCO) Calculator
- B. Azure Reservations
- C. Azure pricing calculator
- D. Azure Monitor

Answer: C

NEW QUESTION 9

HOTSPOT - (Topic 2)

A company has Microsoft Power Platform development staging, and production environments. Each environment has its own Microsoft Dataverse tables and Azure AI Search index.

You are designing an application lifecycle management (ALM) process to deploy a Microsoft Copilot Studio agent between the environments.

The company has a Copilot Studio agent named Agent1 in development. Agent1 uses the following grounding data sources:

- A Dataverse table named CustomerOrders
- An Azure AI Search index named customer-knowledge

You need to deploy Agent1 to production. The solution must ensure that the agent uses the production grounding data sources, minimizes downtime, and handles credentials and endpoints securely.

What should you include in the deployment package solution, and what should you reconfigure after the deployment? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

Include in the deployment package solution:

Agent1 only

The data sources only

Agent1 and the data source connections

Agent1 and references to the data sources

Agent1, the data sources, and the data source connections

Reconfigure after the deployment:

The environment variables

The Dataverse connection only

The Azure AI Search connection only

The Dataverse and Azure AI Search connections

The Agent1 configuration

The environment variables

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

Include in the deployment package solution:

Agent1 only

The data sources only

Agent1 and the data source connections

Agent1 and references to the data sources

Agent1, the data sources, and the data source connections

Reconfigure after the deployment:

The environment variables

The Dataverse connection only

The Azure AI Search connection only

The Dataverse and Azure AI Search connections

The Agent1 configuration

The environment variables

NEW QUESTION 10

- (Topic 2)

You need to design an application lifecycle management (ALM) process for a Microsoft Power Platform environment that contains a solution named Solution1. Solution1 must include a custom connector for Copilot in Microsoft Dynamics 365 Customer Service. Solution1 must meet the following requirements:

- Ensure that the custom connector can be deployed consistently across environments as part of the ALM process.
- Allow the custom connector to be edited only in the development environment. What should you include in the design?

- A. Share the custom connector.
- B. Add the custom connector to Solution1.
- C. Create the custom connector in the default solution.
- D. Add the custom connector to GitHub.

Answer: B

NEW QUESTION 10

- (Topic 2)

A company has a Microsoft Foundry generative AI model.

You need to evaluate the model's output to measure the overall quality and coherence of generated responses. The evaluation must use GPT-4o as a judge and return a numeric score for each output.

Which type of metric should you use?

- A. Groundedness
- B. AI quality (NLP)
- C. risk and safety
- D. AI quality (AI assisted)

Answer: D

NEW QUESTION 15

- (Topic 2)

A company has a Microsoft Power Platform solution that contains the following components:

- Microsoft Dataverse tables
- A Microsoft Power BI workspace named WS1
- A canvas app named App1 that uses Dataverse
- A Power BI semantic model that connects to Dataverse by using DirectQuery You plan to use generative AI to provide answers to queries based on a subset of corporate data. You need to ensure that the data is available as a grounding data source for AI systems. What should you do?

- A. Export the semantic model.
- B. Share WS1.
- C. Populate a Dataverse table.
- D. Endorse the semantic model.

Answer: D

NEW QUESTION 19

- (Topic 2)

A company has Microsoft Copilot Studio agents.

The company plans to deploy custom connectors across development, test, and production environments.

You need to design an application lifecycle management (ALM) process to ensure consistency and prevent direct editing in production. Which two actions should you include in the design? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

- A. Include agents and connectors in a solution.
- B. Move the agents between the environments by using data export and import.
- C. Manually rebuild the agents in each environment.
- D. Deploy managed solutions to production.
- E. Deploy unmanaged solutions to production.

Answer: AD

NEW QUESTION 20

- (Topic 2)

A company has an AI solution named Solution1 that is deployed to the production environment. Solution1 uses an Azure OpenAI model to generate marketing emails for existing customers.

During an internal review, you identify that Solution1 creates different emails depending on the customers' traits.

You need to recommend a strategy to mitigate the bias. The strategy must adhere to Microsoft responsible AI principles.

What should you recommend?

- A. Modify the system instructions of Solution1.
- B. Modify the contents of the training dataset.
- C. Modify Solution1 to randomly generate emails for different traits.
- D. Retrain the model by using a larger dataset.

Answer: A

NEW QUESTION 25

HOTSPOT - (Topic 2)

A company deploys agents that generate responses by using Azure OpenAI resources. The agents are deployed to both the United States and Europe.

You need to recommend a governance solution that meets the following requirements: Enforces the deployment of the resources to only approved Azure regions

Provides continuous compliance verification of the resources

Enforces the deployment of the resources to only approved regions:

Azure Monitor

Azure Policy

Microsoft Defender for Cloud

Microsoft Purview

Microsoft Sentinel

Provides continuous compliance verification of the resources:

Azure Monitor

Azure Policy

Microsoft Defender for Cloud

Microsoft Purview

Microsoft Sentinel

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Enforces the deployment of the resources to only approved regions:

Azure Monitor

Azure Policy

Microsoft Defender for Cloud

Microsoft Purview

Microsoft Sentinel

Provides continuous compliance verification of the resources:

Azure Monitor

Azure Policy

Microsoft Defender for Cloud

Microsoft Purview

Microsoft Sentinel

NEW QUESTION 30

DRAG DROP - (Topic 2)

A company has an AI solution that uses a Microsoft Copilot Studio agent.

You need to monitor the agent's performance. The solution must meet the following requirements:

Monitor the agent's telemetry in near-real-time (NRT). Download transcripts of full conversations.

Monitor the agent's usage and performance.

What should you use for each requirement? To answer, drag the appropriate options to the correct requirements. Each option may be used once, more than once, or not at all.

NOTE: Each correct selection is worth one point.

Options

Application Insights

Copilot Studio

Log Analytics

Microsoft Power Apps

Answer Area

Option

Monitor the agent's telemetry in NRT:

Download transcripts of full conversations:

Monitor the agent's usage and performance:

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Options

Application Insights

Copilot Studio

Log Analytics

Microsoft Power Apps

Answer Area

Option

Monitor the agent's telemetry in NRT:

Download transcripts of full conversations:

Monitor the agent's usage and performance:

NEW QUESTION 33

- (Topic 2)

A company has an AI solution built by using Microsoft Copilot Studio and Power Platform. The solution is used by the company's sales, marketing, and customer service teams.

You are performing a return on AI investment (ROAI) analysis to evaluate the impact of the solution.

You need to identify which measurable business drivers to include in the analysis.

Which two business drivers should you identify? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

- A. the reduced average case resolution time
- B. market capitalization
- C. economic market predictability
- D. increased employee productivity
- E. brand awareness

Answer: AD

NEW QUESTION 36

DRAG DROP - (Topic 2)

Which Copilot Studio analytics metrics should you recommend to assist the executives with their specific responsibilities? To answer, drag the appropriate metrics to the correct executives. Each metric may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

Answer Area

Metrics

Effectiveness

Satisfaction

Tool use

Use

Answer Area

CFO concerns about Copilot Studio credit usage:

CTO concerns about poor feedback on AI agent responses:

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

NEW QUESTION 41

- (Topic 2)

A company uses Microsoft Dynamics 365 Finance to manage accounts payable. You are designing an AI invoice processing solution. You need to recommend the prerequisites to configure a prebuilt copilot for accounts payable. What should you recommend?

- A. From Microsoft Copilot Studio, create an accounts payable agent.
- B. Extend Microsoft 365 Copilot for Sales to an accounts payable agent.
- C. Build an AI tool in Microsoft Foundry.
- D. From the Power Platform admin center, assign the Finance and Operations AI security role to users.

Answer: D

NEW QUESTION 46

- (Topic 2)

You are designing a low-code AI business solution by using Microsoft Copilot Studio.

The solution must include an agent that automates tasks by simulating user interactions across third-party apps and websites, such as clicking buttons, entering text, and extracting information from screens.

You need to recommend what to include in the agent. What should you recommend?

- A. a natural language understanding + (NLU+) model in Copilot Studio
- B. Copilot skills
- C. Computer Use in Copilot Studio
- D. Model Context Protocol (MCP)

Answer: C

NEW QUESTION 51

HOTSPOT - (Topic 2)

A company has a Microsoft Power Platform environment.

You need to build two agents named Agent1 and Agent2. The solution must meet the following requirements:

- Agent1 must be extendable by using the Semantic Kernel and must connect to multiple business apps and APIs.
- Agent2 must connect directly to data stored in Microsoft Dataverse and must be embeddable in a Microsoft Power Apps canvas app.

What should you use to build each agent? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

Agent1:

Microsoft foundary

Azure Logic Apps

Copilot in Power Apps

Microsoft Copilot Studio

Agent2:

Microsoft Foundry

Azure Logic Apps

Copilot in Power Apps

Microsoft Copilot Studio

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

Agent1:

Microsoft foundary

Azure Logic Apps

Copilot in Power Apps

Microsoft Copilot Studio

Agent2:

Microsoft Foundry

Azure Logic Apps

Copilot in Power Apps

Microsoft Copilot Studio

NEW QUESTION 55

- (Topic 2)

You need to design a Microsoft 365 Copilot solution to optimize employee productivity. The solution must meet the following requirements:

Ensure that the employees can query content stored in a subset of Microsoft SharePoint Online sites and in Teams by using natural language-based prompt actions.

Ensure that employees receive contextually relevant responses in Microsoft 365 Copilot. What should you include in the design?

- A. Build a Microsoft Power Automate desktop flow to read the SharePoint content and post the responses to Teams.
- B. Modify SharePoint settings.
- C. Create a custom REST API that crawls the SharePoint content.
- D. Configure Microsoft Graph access.

Answer: D

NEW QUESTION 57

- (Topic 2)

A company has an AI agent that automates the review of customer feedback stored in a cloud database.

You plan to generate monthly reports from the agent's output to provide insights into customer sentiment and guide product development and marketing.

You need to ensure that the data ingested by the agent is clean and suitable for the intended use.

What should you do to prepare the data?

- A. Ensure that the size of the database does not exceed 100 GB.
- B. Translate the data into a single language.
- C. Identify and address biased data.
- D. Sort the database by customer last name.

Answer: C

NEW QUESTION 61

- (Topic 2)

You need to recommend a Microsoft Power Platform business solution that consolidates data from multiple internal and external data sources. The solution must meet the following requirements:

Provide the data as a centralized source for multiple AI systems, including Microsoft Copilot Studio agents, Dynamics 365 applications, and external AI models.

Support built-in data classification and protection policies. Provide data for grounding and analytics.

What should you include in the recommendation?

- A. Microsoft Dataverse
- B. Azure Data Lake Storage
- C. a Microsoft Power BI semantic model
- D. Azure Cosmos DB

Answer: A

NEW QUESTION 62

HOTSPOT - (Topic 2)

A company has a Microsoft Copilot Studio prompt-and-response agent. You need to ensure that the agent meets the following requirements: Provides effective and relevant responses

Provides conversational outcomes

Which metric should you use for each requirement? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Provides effective and relevant responses:

Generated answer rate and quality
Reactions
Tool use

Provides conversational outcomes:

Satisfaction
Tool use
Topics by outcome

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Provides effective and relevant responses:

Generated answer rate and quality
Reactions
Tool use

Provides conversational outcomes:

Satisfaction
Tool use
Topics by outcome

NEW QUESTION 67

DRAG DROP - (Topic 2)

A company plans to implement an AI business solution for a consumer goods company. You need to create agents that meet the following requirements:

- Orchestrate the sales order fulfillment and shipping of goods to customers.
- Analyze historical data and trends to replenish stock.

Which type of agent should you use for each requirement? To answer, drag the appropriate agent types to the correct requirements. Each agent type may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

Agent types

Autonomous

Prompt-and-response

Task

Answer Area

Orchestrate the sales order fulfillment and shipping:

Analyze historical data and trends:

- A. Mastered
B. Not Mastered

Answer: A

Explanation:

Agent types

Autonomous

Prompt-and-response

Task

Answer Area

Orchestrate the sales order fulfillment and shipping:

Autonomous

Analyze historical data and trends:

Task

NEW QUESTION 70

- (Topic 2)

A financial services company uses Microsoft Dynamics 365 Finance.

Currently, the company's support staff manually reviews customer transaction histories to detect potential fraud cases before escalating the cases.

You need to recommend an automation solution for the review process. The solution must ensure that escalations reach a human analyst for final decision making. What should you recommend?

- A. Deploy an autonomous agent that closes non-fraud cases automatically.
B. Use Microsoft 365 Copilot in Word to automatically finalize fraud detection policies.
C. Configure a task agent to generate fraud risk scores for the human analyst to review.
D. Export the data to a data lake for analysis in Microsoft Power BI.

Answer: C

NEW QUESTION 74

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