

Test Microsoft AB-100 Tutorials, Reliable AB-100 Exam Preparation

The graphic is a dark-themed study guide for the Microsoft AB-100 exam. At the top, it reads 'Exam AB-100: Agentic AI Business Solutions Architect' in white text, with a 'testprep' logo in the top right corner. Below this is a blue box with the words 'STUDY GUIDE' in white. The guide is divided into three main sections, each with a title and a list of bullet points. The first section, 'STEP 1: UNDERSTAND EXAM OBJECTIVES', lists three points: 'PLAN AI-POWERED BUSINESS SOLUTIONS', 'DESIGN AI-POWERED BUSINESS SOLUTIONS', and 'DEPLOY AI-POWERED BUSINESS SOLUTIONS'. The second section, 'STEP 2: USE OFFICIAL TRAINING METHODS', lists five points: 'HANDS-ON EXPERIENCE', 'INSTRUCTOR LED TRAINING', 'DOCUMENTATION', 'STUDY GROUPS', and 'EXAM-DAY STRATEGY'. The third section, 'STEP 3: USE PRACTICE EXAM TESTS', contains a paragraph: 'ENHANCE YOUR ANSWERING SKILLS, FIND OUT WEAK AREAS, AND HAVE A BETTER PREPARATION BY USING THE PRACTICE EXAM TESTS FOR THE EXAM AB-100: AGENTIC AI BUSINESS SOLUTIONS ARCHITECT.' The background of the graphic features faint, glowing numbers and a stack of books.

Exam AB-100: Agentic AI Business Solutions Architect testprep

STUDY GUIDE

STEP 1: UNDERSTAND EXAM OBJECTIVES

- PLAN AI-POWERED BUSINESS SOLUTIONS
- DESIGN AI-POWERED BUSINESS SOLUTIONS
- DEPLOY AI-POWERED BUSINESS SOLUTIONS

STEP 2: USE OFFICIAL TRAINING METHODS

- HANDS-ON EXPERIENCE
- INSTRUCTOR LED TRAINING
- DOCUMENTATION
- STUDY GROUPS
- EXAM-DAY STRATEGY

STEP 3: USE PRACTICE EXAM TESTS

ENHANCE YOUR ANSWERING SKILLS, FIND OUT WEAK AREAS, AND HAVE A BETTER PREPARATION BY USING THE PRACTICE EXAM TESTS FOR THE EXAM AB-100: AGENTIC AI BUSINESS SOLUTIONS ARCHITECT.

Passing the AB-100 exam requires the ability to manage time effectively. In addition to the Agentic AI Business Solutions Architect (AB-100) exam study materials, practice is essential to prepare for and pass the Microsoft AB-100 exam on the first try. It is critical to do self-assessment and learn time management skills. Because the AB-100 test has a restricted time constraint, time management must be exercised to get success. Only with enough practice one can answer real Microsoft AB-100 exam questions in a given amount of time.

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Microsoft Agentic AI Business Solutions Architect Sample Questions (Q51-Q56):

NEW QUESTION # 51

Case Study 1 - Fabrikam, Inc

Background

Fabrikam, Inc., is a global consumer goods company that is undergoing a digital transformation initiative to migrate its entire infrastructure to the Microsoft cloud. As a key element of this cloud migration, the company will implement Microsoft Dynamics 365 Sales, moving away from the current on-premises proprietary technologies used by its business-to-business (B2B) sales team. As part of the cloud migration, Fabrikam will adopt an AI-first approach to its business solutions and implement AI solutions, wherever possible, to streamline operations.

Problem Statements

Fabrikam's infrastructure currently relies on various on-premises systems that require sales executives to use corporate computers with physical keyboards to access business information during customer interactions. Mobile phones cannot be used for these purposes, as the systems depend on keyboard input. As a result, the sales executives spend a lot of time using keyboards to search for data on several disparate systems and file servers, rather than focusing on the customers. This affects the customer experience. Fabrikam stakeholders are concerned that users will be hesitant to adopt AI. If the AI initiatives are NOT adopted, cost savings will never be realized. Additionally, funding for future AI initiatives will depend on demonstrating an increase in AI adoption month over month. As the AI agent initiative for the sales team will be the first for Fabrikam, the rapid adoption of the agent is a high priority.

Planned Initiatives

General

Fabrikam management has prioritized AI-driven projects to improve efficiency, customer engagement, and responsible AI adoption. The current application infrastructure is on-premises and must be migrated to the cloud to support the adoption of these technologies.

Infrastructure Migration

Fabrikam plans to migrate from its current on-premises infrastructure to a completely cloud-based topology; this will include user authentication, the security framework, and, primarily, the adoption of the services by end users.

All the data from the different systems will be consolidated into a single data source - a common data model that will use a Microsoft Dataverse environment as a single source of truth (SSOT) for the sales team.

Sales Cycle Enablement

To achieve the company's objectives, Fabrikam intends to implement the following strategies to enhance the sales cycle:

- Use low-code development to create a single AI agent that has Dataverse as its core component.
- Ensure that sales managers can access unanswered correspondence from prospects and intervene as appropriate.
- Replace the previous proprietary software with Dynamics 365 Sales to track sales cycles and customer interactions.
- Have the sales executives use Dynamics 365 Sales to track interactions for open opportunities and send follow-up communications to prospects.
- Have the sales executives use handsfree headsets to interact with an AI agent when they have questions about internal policies or customer data.

Requirements

Infrastructure Migration

Fabrikam has identified the following infrastructure migration requirements:

- Azure must be used for all future infrastructure workloads.
- The company must follow Microsoft-recommended methodologies for infrastructure migration to the cloud.
- Any created AI agents must have their return on investment (ROI) calculated to ensure that the solution will save the company money.

Sales Cycle Enablement

Fabrikam has identified the following requirements for sales cycle enablement:

- The final AI agent must follow Microsoft recommendations for a conversational user experience.
- A designated checklist must be reviewed to ensure that the AI agent follows Microsoft deployment recommendations for a compliant solution.

- Detailed telemetry must be logged for the first created AI agent to help troubleshoot and optimize the agent during the initial AI agent adoption process.
- Unexpected AI agent actions must end in an escalation to a live representative. For example, a sales executive must be rerouted to a representative if the agent cannot answer a question after two failed attempts.
- The return on investment (ROI) of switching from the current process to the future process is required for stakeholder sign off.
- The sales team must use Dynamics 365 Sales to correspond with prospects more quickly and efficiently than currently.
- Sales managers must report on the adoption of the AI agent to key Fabrikam stakeholders on a monthly basis.
- Any sensitive information, such as user IDs and names, shared via the AI agent must be tracked for future auditing.

Hotspot Question

Which framework should you use to meet the AI agent requirements for the sales cycle enablement? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer:

Explanation:

□ Explanation:

Box 1: the ALM Accelerator for Microsoft Power Platform

For Microsoft Copilot Studio best practices

Using the ALM Accelerator for Microsoft Power Platform is a recommended approach for managing the lifecycle of a low-code AI agent (Copilot Studio) that relies on Dataverse. It enables source control, versioning, and automated deployment of AI agents to ensure they follow Microsoft's best practices.

Box 2: Microsoft Power Platform Well-Architected framework

For conversational user experience

Utilizing the Microsoft Power Platform Well-Architected framework for a low-code AI agent (built in Copilot Studio) with Dataverse as the core data component ensures the solution is secure, reliable, and provides a high-quality conversational user experience (CUX). The framework helps align the agent with Microsoft's best practices for responsible AI, efficiency, and user satisfaction.

Scenario:

Sales Cycle Enablement

Fabrikam has identified the following requirements for sales cycle enablement:

*-> The final AI agent must follow Microsoft recommendations for a conversational user experience.

Sales Cycle Enablement

To achieve the company's objectives, Fabrikam intends to implement the following strategies to enhance the sales cycle

*-> Use low-code development to create a single AI agent that has Dataverse as its core component.

Reference:

<https://learn.microsoft.com/en-us/power-platform/guidance/alm-accelerator/overview>

<https://learn.microsoft.com/en-us/training/modules/adopt-ai-agent-best-practice>

NEW QUESTION # 52

You are designing an AI business solution that contains the following components:

- * A Microsoft Power Automate workflow
- * A Microsoft Copilot Studio agent
- * A Microsoft Dataverse database
- * A Microsoft Power Apps app

As part of the application lifecycle management (ALM) process, you plan to package the components, so that they can be deployed to other environments as a group. You need to recommend a solution that supports versioning, dependencies, and deployments.

What should you include in the recommendation?

- **A. Azure DevOps**
- B. Microsoft Power Platform solutions
- C. GitHub Actions

Answer: A

NEW QUESTION # 53

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Sales Cycle Enablement

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- Detailed telemetry must be logged for the first created AI agent to help troubleshoot and optimize the agent during the initial AI agent adoption process.
- Unexpected AI agent actions must end in an escalation to a live

representative. For example, a sales executive must be rerouted to a representative if the agent cannot answer a question after two failed attempts.

- The return on investment (ROI) of switching from the current process to the future process is required for stakeholder sign off.

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- Sales managers must report on the adoption of the AI agent to key Fabrikam stakeholders on a monthly basis.

- Any sensitive information, such as user IDs and names, shared via the AI agent must be tracked for future auditing.

Hotspot Question

Which components should you use to meet the sales cycle enablement requirements? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer:

Explanation:

Answer Area

For AI agent creation:

- Microsoft Foundry
- Dynamics 365 Sales
- Microsoft Copilot Studio
- the Power Platform admin center

For unexpected AI agent actions:

- a custom connector
- an event trigger
- a Fallback topic
- a REST API

Explanation:

Scenario:

Use low-code development to create a single AI agent that has Dataverse as its core component.

Box 1: Microsoft Copilot Studio

For AI agent creation

Scenario:

A designated checklist must be reviewed to ensure that the AI agent follows Microsoft deployment recommendations for a compliant solution.

The Microsoft tool that should be used to create the AI agent is Microsoft Copilot Studio.

It is a low-code platform specifically designed for building and managing intelligent agents that integrate with Microsoft Dataverse as a core component for storing data and providing business context. To ensure the agent follows Microsoft's deployment recommendations, users should consult the implementation checklist provided within the Microsoft Copilot Studio documentation.

Key Features of Microsoft Copilot Studio:

Low-Code Interface: Uses a graphical builder or natural language to design agent behaviors and conversation flows.

Dataverse Integration: Leverages Dataverse as the enterprise data platform to ground agents in organizational knowledge and store shared context.

Governance and Compliance: Includes built-in responsible AI features and aligns with enterprise security standards.

Multi-Channel Deployment: Allows publishing agents across Microsoft Teams, websites, and mobile apps.

Box 2: a Fallback topic

For unexpected AI agent actions.

Scenario:

Unexpected AI agent actions must end in an escalation to a live representative. For example, a sales executive must be rerouted to a

representative if the agent cannot answer a question after two failed attempts.

In a low-code environment using Microsoft Copilot Studio with Dataverse, you can ensure unexpected AI actions lead to a live representative by configuring specific system topics.

1. Configure the System Fallback Topic

The Fallback system topic triggers when the AI agent cannot match a user's intent to any existing topic or knowledge source with sufficient confidence.

Enable Fallback: In Copilot Studio, navigate to Settings > General Settings > System fallback and click Add.

Action: Edit the Fallback topic to include a Go to topic node that redirects to the Escalate system topic.

2. Implement the Escalate System Topic

The Escalate topic is the primary mechanism for handoffs.

3. Handle Errors and Infinite Loops

Reference:

<https://learn.microsoft.com/en-us/power-apps/maker/data-platform/low-code-plugins-copilot-studio>

NEW QUESTION # 54

What should you configure for the custom AI agent?

- A. generative orchestration
- B. classic orchestration
- C. Azure OpenAI reasoning models
- D. AI-assisted evaluators

Answer: A

Explanation:

The custom AI agent must select topics based on a description of the purpose of the query, rather than relying on fixed trigger phrases. That is exactly the scenario where generative orchestration is the right configuration.

Why B is correct:

- * It enables the agent to choose the best topic, tool, or action based on the semantic meaning of the user's request
 - * It supports more conversational interactions
 - * It aligns directly with the requirement that topic selection should not depend on trigger phrases
- Why the other options are not correct:
- * A. Azure OpenAI reasoning models concerns model capability, not topic-routing behavior in Copilot Studio
 - * C. classic orchestration relies more on predefined topics and trigger phrases
 - * D. AI-assisted evaluators are for assessment/testing, not runtime orchestration

NEW QUESTION # 55

A company uses multiple Microsoft Copilot Studio agents across different channels.

You need to recommend a monitoring solution that provides comprehensive telemetry data and performance insights for the agents.

What should you include in the recommendation?

- A. Azure DevOps
- B. Application Insights
- C. Microsoft Dynamics 365 Customer Voice
- D. Azure Advisor

Answer: B

Explanation:

To achieve comprehensive monitoring, telemetry, and performance insights for Microsoft Copilot Studio agents across different channels, you should integrate them with Azure Application Insights.

Integrating Application Insights provides a centralized view of agent health, user interactions, topic performance, and latency, which is crucial for monitoring multi-channel deployments.

Reference:

<https://learn.microsoft.com/en-us/azure/azure-monitor/app/agents-view>

NEW QUESTION # 56

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