

AB-100資格模擬 & AB-100赤本勉強



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Microsoft AB-100 認定試験の出題範囲：

トピック	出題範囲
トピック 1	<ul style="list-style-type: none">Deploy AI-powered business solutions: Focuses on deploying, testing, monitoring, and optimizing AI solutions in production. It also includes managing ALM processes, performance monitoring, and ensuring security, governance, and responsible AI compliance.
トピック 2	<ul style="list-style-type: none">Design AI-powered business solutions: Covers designing AI agents, Copilot integrations, and intelligent workflows using platforms like Copilot Studio, Microsoft Foundry, and Dynamics 365. It includes planning prompts, connectors, agent behaviors, and solution extensibility.
トピック 3	<ul style="list-style-type: none">Plan AI-powered business solutions: Focuses on analyzing business requirements and identifying where AI agents and generative AI can improve processes. It also includes defining AI strategy, evaluating ROI, and deciding whether to build, buy, or extend AI components.

>> AB-100資格模擬 <<

AB-100試験の準備方法 | 真実的なAB-100資格模擬試験 | 素敵な Agentic AI Business Solutions Architect赤本勉強

Tech4Examは、特にAB-100認定試験でこの分野の質が高いことで有名です。試験のためにAB-100学習教材を実践している数千人の受験者に受け入れられています。この主要な環境では、人々はより多くの仕事のプレッシャーに直面しています。そこで彼らは、AB-100認定を一般の群れよりも高くしたいと考えています。有効で効率的なガイドメントを選択する方法は、ほとんどの候補者が懸念する重要なトピックです。また、AB-100試験の質問で、問題なくAB-100試験に合格します。

Microsoft Agentic AI Business Solutions Architect 認定 AB-100 試験問題 (Q87-Q92):

質問 # 87

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

A company mandate states that the agents and their grounding data must adhere to data residency and movement regulations. You need to recommend a governance solution for the agents.

What should you include in the recommendation?

- A. Microsoft Purview
- **B. Azure Policy**
- C. Microsoft Defender for Cloud
- D. Azure Monitor

正解: B

解説:

<https://learn.microsoft.com/en-us/azure/governance/policy/overview>

質問 # 88

A company plans to deploy a Microsoft Copilot Studio agent that will analyze historical business data to predict customer behavior. The data is currently stored in an Azure SQL database, flat files, APIs, and logs.

You need to organize the data into a format that can be used as a knowledge source in Copilot Studio.

What should you include in the solution?

- A. Azure Cosmos DB
- B. Azure Data Lake Storage
- **C. Azure AI Search**
- D. Azure Translator in Foundry Tools

正解: C

解説:

Comprehensive and Detailed Explanation From Agentic AI Business Solutions Topics:

The correct answer is A. Azure AI Search .

This scenario involves data coming from multiple sources:

- * Azure SQL database
- * flat files
- * APIs
- * logs

The requirement is to organize the data into a format that can be used as a knowledge source in Copilot Studio Why A is correct Azure AI Search is the best answer because it is designed to ingest, index, and organize content from multiple heterogeneous data sources so that AI applications can retrieve and use relevant information effectively.

For Copilot and agent scenarios, Azure AI Search is especially useful because it supports:

- * unifying data from different sources
- * creating searchable indexes
- * enabling retrieval-based grounding
- * improving relevance for AI responses

From an AI business solutions perspective, when data is spread across structured and unstructured systems, Azure AI Search provides the retrieval layer that turns that fragmented data into a usable knowledge source.

It is much better suited than raw storage options because the question is not only about storing data. It is about organizing it for AI-driven access and use in Copilot Studio.

Why the other options are incorrect

B). Azure Data Lake Storage

Data Lake Storage is excellent for storing large volumes of raw and processed data, but by itself it does not provide the indexing and retrieval capabilities needed to make the content a strong knowledge source for Copilot Studio.

C). Azure Cosmos DB

Cosmos DB is a NoSQL operational database. It is not the primary service for consolidating and indexing multi-source business content into a knowledge source for Copilot Studio.

D). Azure Translator in Foundry Tools

Translator is for language translation, not for organizing business data into a knowledge source.

Expert reasoning

When the question asks how to make data from many sources usable as a knowledge source for an AI agent, think about the service that:

- * ingests
- * indexes
- * organizes

* retrieves

That service is Azure AI Search .

質問 # 89

A company has a customer order system that creates sales orders manually.

You need to design an AI solution to automate the following tasks as part of the system:

- Save the order details to a database.
- Update the order status in the database.
- Extract the order details from an order file.
- Prepare and send a confirmation email to customers.

The solution must minimize development effort and support intelligent automation and solution integration.

What should you include in the design?

- A. a multi-agent solution that uses Microsoft Foundry Agent Service
- B. a workflow in Azure Logic Apps
- C. a Microsoft Copilot Studio agent that uses Microsoft Power Automate workflows
- D. a multi-agent solution that uses the Semantic Kernel SDK

正解: C

解説:

To create this system, you'll need to integrate Microsoft Copilot Studio with Power Automate and AI Builder. This combination allows your agent to not only "talk" but also "act" by executing complex backend workflows.

Solution Architecture

Front-end: A Copilot Studio agent serves as the interface, receiving order requests or files from customers.

Brain (Logic): Power Automate cloud flows act as the "skills" for your agent, handling all database and email operations.

Data Extraction: AI Builder (Document Processing) extracts specific fields (like Item ID, Quantity, or Customer Name) from uploaded order files.

Storage: Microsoft Dataverse or SQL Server functions as the database to save and update order records.

Reference:

<https://medium.com/@sushmita.sg/build-an-ai-powered-customer-support-system-in-2-hours-no-code-using-microsoft-copilot-2e3275dbbee5>

質問 # 90

Note: This section contains one or more sets of questions with the same scenario and problem. Each question presents a unique solution to the problem. You must determine whether the solution meets the stated goals. More than one solution in the set might solve the problem. It is also possible that none of the solutions in the set solve the problem.

After you answer a question in this section, you will NOT be able to return. As a result, these questions do not appear on the Review Screen.

Your organization creates a new AI Center of Excellence (CoE) to guide enterprise-wide adoption of generative AI. A project team submits a proposal requesting immediate development of a generative AI model. They argue that identifying use cases and validating data quality can wait until after the prototype is built, since the CoE can "fix the data later." You are asked whether this approach aligns with Microsoft's recommended AI adoption lifecycle, which starts with identifying use cases, selecting domain-specific data, preparing and validating that data, designing and training solutions, and then monitoring and adapting them over time.

According to Microsoft's AI adoption guidance, is it appropriate to skip identifying use cases and validating domain-specific data before beginning AI model development?

- A. No
- B. Yes

正解: A

解説:

Microsoft's generative AI adoption framework - as shown in the diagram - emphasizes a sequenced lifecycle:

Identify use cases

Prepare, validate, and aggregate the required data

Design, train, and validate AI solutions

Monitor and adapt

The Microsoft Learn module clearly states that a Center of Excellence ensures organizations start with aligned business use cases

and validated domain-specific data before any model development begins.

Skipping these early steps introduces high risk, creates misaligned solutions, and prevents effective contextualization of AI models. Therefore, beginning model development without first identifying use cases and validating data does not follow Microsoft's recommended AI planning and adoption process.

References:

<https://learn.microsoft.com/en-us/training/modules/intro-ai-center-excellence/2-how-center-excellence-assists-planning-adoption-generative-ai>

<https://learn.microsoft.com/en-us/training/modules/intro-ai-center-excellence/1-introduction-generative-ai-center-excellence>

<https://learn.microsoft.com/en-us/azure/cloud-adoption-framework/scenarios/ai/center-of-excellence>

質問 # 91

A company plans to deploy a Microsoft Dynamics 365 Contact Center agent.

You need to ensure that the agent can transfer the conversation to a live customer service representative.

Which two components should you include in the solution? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

- A. an Azure AI Bot Service skill
- **B. Customer engagement hub**
- C. Microsoft Foundry
- **D. Microsoft Copilot Studio**
- E. Microsoft 365 Agents Toolkit

正解: B、D

解説:

Comprehensive and Detailed Explanation From Agentic AI Business Solutions Topics:

The correct answers are B. Microsoft Copilot Studio and E. Customer engagement hub .

This question focuses on enabling a Dynamics 365 Contact Center agent to hand off a conversation to a live customer service representative . That requires both:

* the tool used to build and configure the conversational agent

* the service environment where live customer engagement and routing occur Why B. Microsoft Copilot Studio is correct Microsoft Copilot Studio is the platform used to build, configure, and manage the contact center agent experience. It enables you to define conversation flows, escalation logic, triggers, and handoff behavior.

In this case, the requirement is specifically that the agent must be able to transfer the conversation to a live representative. Copilot Studio is where that escalation or transfer behavior is designed as part of the agent experience.

Why E. Customer engagement hub is correct

The Customer engagement hub provides the operational environment for customer service interactions and live-agent engagement within Dynamics 365. Once the AI agent determines that escalation is required, the live representative needs an environment to receive and continue that engagement.

From a business solutions architecture perspective, this makes sense:

* Copilot Studio defines the agent and transfer logic

* Customer engagement hub supports the human service experience after transfer Together, they satisfy the end-to-end requirement for AI-to-human handoff.

Why the other options are incorrect

A). Microsoft Foundry

Foundry supports AI model and agent development scenarios, but it is not the specific component needed for live-agent transfer in Dynamics 365 Contact Center.

C). Microsoft 365 Agents Toolkit

This is not the core component for enabling Dynamics 365 Contact Center handoff to a live service representative.

D). an Azure AI Bot Service skill

Bot skills can extend capabilities, but they are not the primary required components for enabling the standard transfer from a Dynamics 365 Contact Center agent to a live customer service representative.

Expert reasoning:

For Contact Center escalation questions, think in two layers:

* agent authoring/orchestration # Microsoft Copilot Studio

* human service environment / live representative experience # Customer engagement hub

質問 # 92

