Pass Guaranteed 2026 AB-100: Agentic AI Business Solutions Architect–Professional Reliable Exam Review

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Microsoft AB-100 Exam Syllabus Topics:

Topic	Details
Topic 1	• 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.
Topic 2	• 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.
Topic 3	• 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.

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Microsoft Agentic AI Business Solutions Architect Sample Questions (Q36-Q41):

NEW QUESTION # 36
A company has multiple AI models that support generation of sales transactions.
Each release of the models must be reviewed by a security and compliance team before being deployed to the production environment. The security and compliance team must have access to prior versions to properly determine potential exposures

introduced.
You need to recommend a solution to evaluate the impact of each deployment to production. The solution must enhance business continuity.
What should you recommend?

- A. Track model retirement schedules to prevent service disruptions.
- B. Implement version control for all the AI system components.
- C. Create a central model registry that uses version history.
- D. Establish a promotion process by using a quality gate.

Answer: B

Explanation:
Comprehensive and Detailed Explanation From Agentic AI Business Solutions Topics:
The correct answer is C. Implement version control for all the AI system components .
This question is not only about model approval. It is about creating a deployment process that allows the organization to:
* review every release before production
* compare current and prior versions
* evaluate the impact of changes
* improve business continuity if a deployment introduces risk
That makes version control for all AI system components the strongest answer.
Why C is correct
The requirement says the security and compliance team must have access to prior versions to determine exposures introduced by each release. That means the organization must be able to track, compare, and potentially roll back not just the model itself, but the broader AI solution over time.
In real enterprise AI deployments, "AI system components" usually include:
* models
* prompts
* orchestration logic
* configuration files
* policies
* connectors
* inference code
* evaluation assets
* deployment definitions
If only the model is versioned, the team may miss exposure introduced by surrounding components. For example:
* a prompt change could create unsafe outputs
* a policy/configuration change could expose sensitive data
* an orchestration update could alter transaction behavior
* a connector change could affect compliance boundaries
That is why full AI system version control is the best answer. It gives security and compliance teams complete visibility into what changed across releases.
It also enhances business continuity because version control supports:
* rollback to known-good versions
* change auditing
* release comparison
* traceability
* controlled recovery from faulty deployments
From an agentic AI business solutions perspective, this is the most robust governance pattern because AI outcomes are rarely determined by the model alone. They are determined by the entire solution stack.
Why the other options are less appropriate
A). Create a central model registry that uses version history
A model registry is useful, and version history helps, but this option is too narrow. The question asks about evaluating the impact of each deployment and enhancing business continuity. In enterprise AI systems, impact is often caused by more than just the model artifact. A model registry does not necessarily capture all surrounding components that affect production behavior.
B). Establish a promotion process by using a quality gate
A quality gate is valuable for approval workflows, but it does not by itself satisfy the need for deep access to prior versions across the system. It controls promotion, but it does not fully provide historical traceability and rollback coverage for all AI system components.
D). Track model retirement schedules to prevent service disruptions
This may support lifecycle planning, but it does not address the core requirement of comparing releases, reviewing prior versions,

and evaluating exposure introduced by each deployment.
Expert reasoning
This question combines three ideas:
* security/compliance review
* access to prior versions
* business continuity
When those appear together, the strongest answer is typically the one that provides end-to-end traceability and rollback across the whole solution , not just a single artifact.
That is why version control for all AI system components is the best recommendation.

NEW QUESTION # 37
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:
For Microsoft Copilot Studio best practices:
Microsoft Power Platform Well #Architected Framework
Why?
* Copilot Studio is part of the Power Platform.
* Microsoft's official guidance for building scalable, secure, compliant Power Platform solutions is the Power Platform Well #Architected Framework .
* It includes governance, security, reliability, operational excellence, and cost optimization-exactly what Fabrikam needs for AI agent deployment, telemetry, compliance, and ROI.
For conversational user experiences:
Success by Design
Why?
* Success by Design is Microsoft's methodology for implementing Dynamics 365 and Power Platform solutions.
* It includes conversational design checklists , solution blueprinting, risk assessments, and user #adoption strategies.
* Fabrikam's scenario emphasizes:
* User adoption
* Conversational UX quality
* Escalation paths
* Compliance
* Telemetry
* These are all covered in Success by Design's structured implementation approach.
https://learn.microsoft.com/en-ca/power-platform/well-architected/experience-optimization/conversation-design
Topic 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.

NEW QUESTION # 38
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. Export the data to a data lake for analysis in Microsoft Power BI.
- D. Configure a task agent to generate fraud risk scores for the human analyst to review.

Answer: D

Explanation:
Comprehensive and Detailed Explanation From Agentic AI Business Solutions Topics:
The correct answer is C. Configure a task agent to generate fraud risk scores for the human analyst to review .
This scenario is a classic human-in-the-loop AI business solution use case. The company wants to automate part of the fraud review process, but it also requires that final escalation decisions remain with a human analyst . That means the right solution is not full autonomy. It is decision support .
A task agent that generates fraud risk scores is the best fit because it allows AI to:
* analyze transaction history faster than manual review
* identify suspicious patterns
* prioritize cases
* reduce analyst workload
* preserve human oversight for final judgment
This design aligns with responsible AI and regulated-industry practices. In financial services, fraud detection often involves compliance, risk, and audit requirements. Because of that, the best architecture is usually one where AI assists with triage and recommendation , while a human makes the final decision.
Why the other options are incorrect:
A). Deploy an autonomous agent that closes non-fraud cases automatically This removes too much human oversight. The question explicitly requires that escalations reach a human analyst for final decision making . In fraud workflows, automatically closing cases can create regulatory, legal, and operational risk.
B). Use Microsoft 365 Copilot in Word to automatically finalize fraud detection policies This does not address the operational review process. It is about document productivity, not transaction review automation.
D). Export the data to a data lake for analysis in Microsoft Power BI
This may help reporting and analytics, but it does not directly automate the review-and-escalation workflow.
Power BI is primarily for visualization and analysis, not real-time task-level fraud triage.
Expert reasoning:

When the requirement says:
* automate the review process
* keep a human in final control
* support case escalation
the best answer is usually an assistive agent that scores or classifies risk for human review, not a fully autonomous one.

NEW QUESTION # 39
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 Data Lake Storage
- B. Azure AI Search
- C. Azure Translator in Foundry Tools
- D. Azure Cosmos DB

Answer: B

Explanation:
Comprehensive and Detailed Explanation From Agentic AI Business Solutions Topics:
The correct answer is A. Azure AI Sea rch .
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 b est 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 knowled ge source for an AI agent, think about the service that:
* ingests
* indexes
* organizes
* retrieves
That service is Azure AI Search .

NEW QUESTION # 40

You are designing a Microsoft Copilot Studio agent that uses a custom Microsoft Foundry model to generate responses. You need to ensure that the agent can securely connect to and invoke the custom model during user interactions. What should you include in the design?

- A. Create a connection to Microsoft Foundry in the agent
- B. Configure the agent to use classic orchestration.
- C. Add the Microsoft Foundry model as a Copilot Studio skill.
- D. Create a custom engine agent

Answer: A

NEW QUESTION # 41
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