



DeepForrest

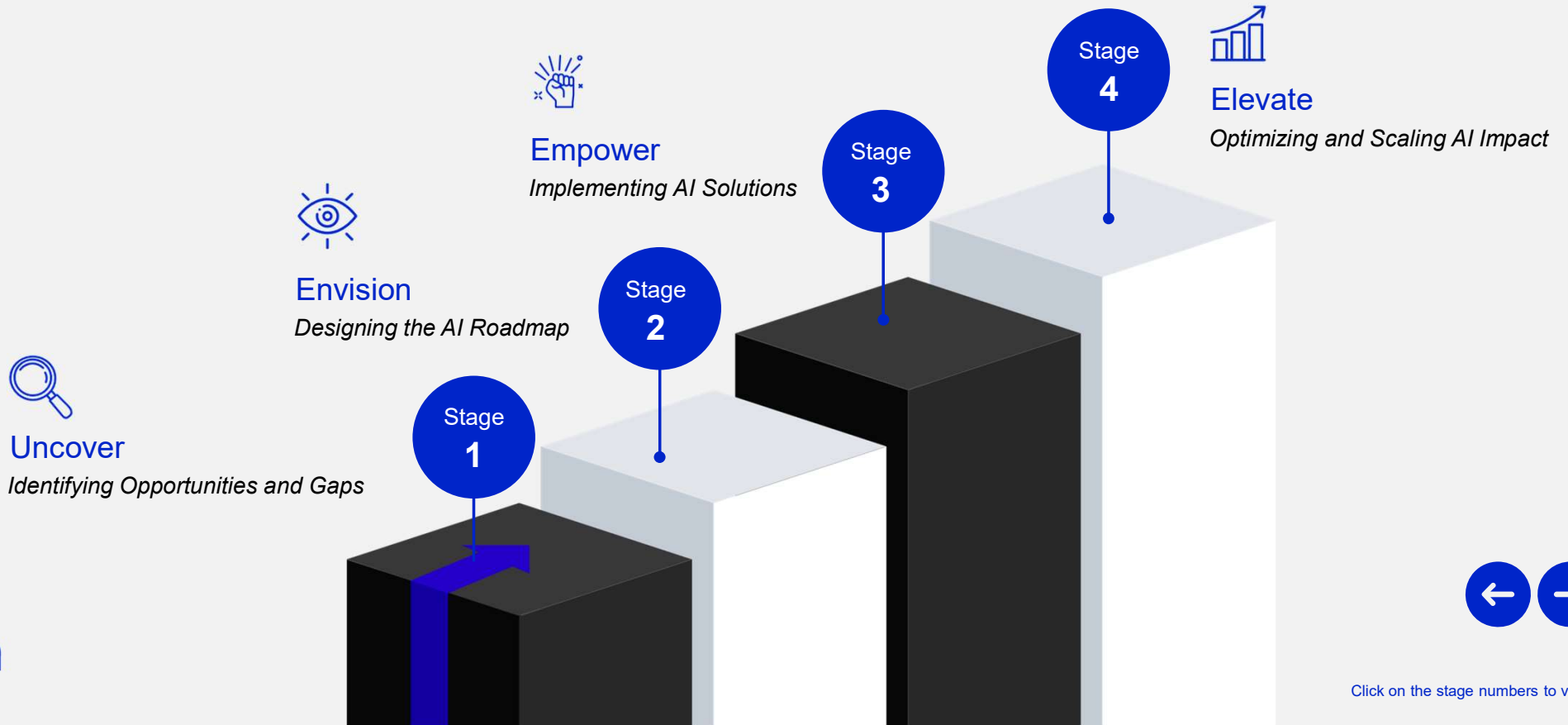
A Cloud4C Company

AI Assessment Framework

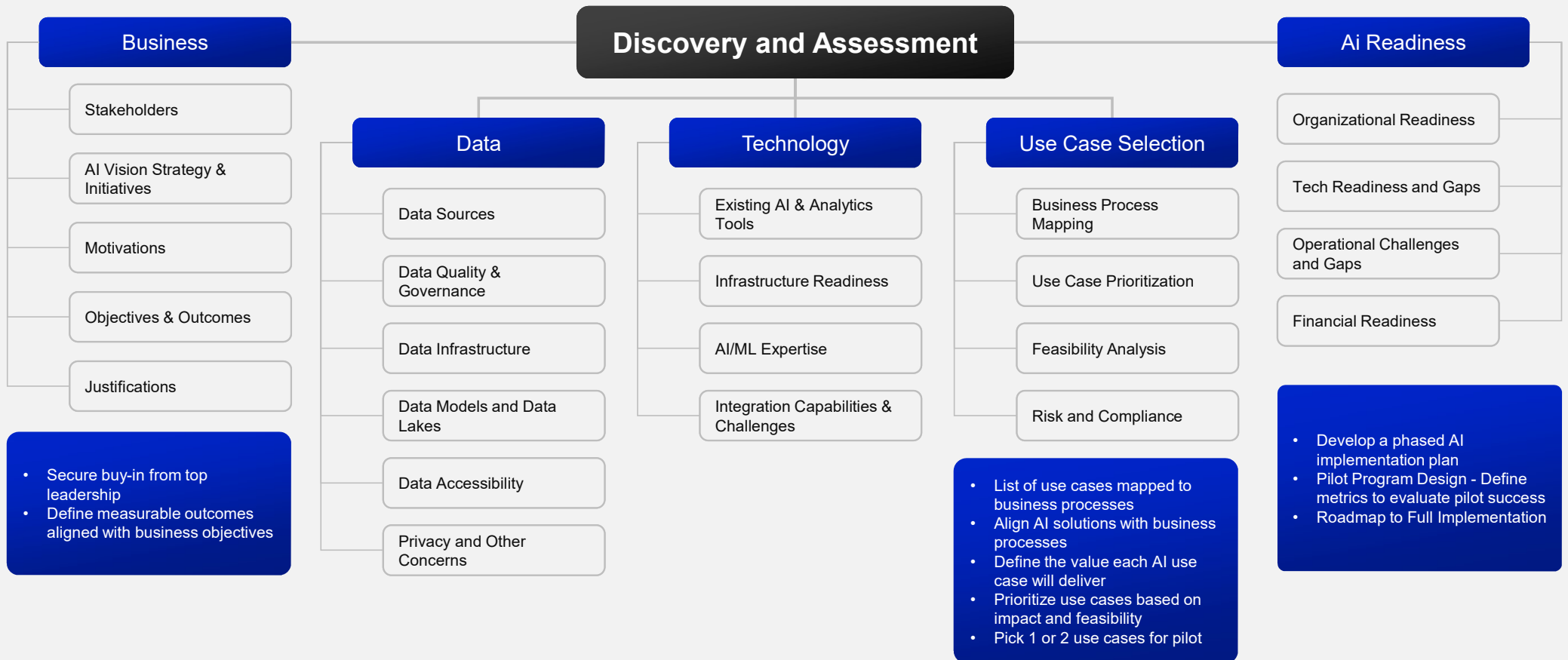


AI Navigator Catalyst: Accelerate Innovation

Catalyze your organization's innovation journey with AI. Let's accelerate your success together.



Stage 1: Uncover – Discovery and Assessment

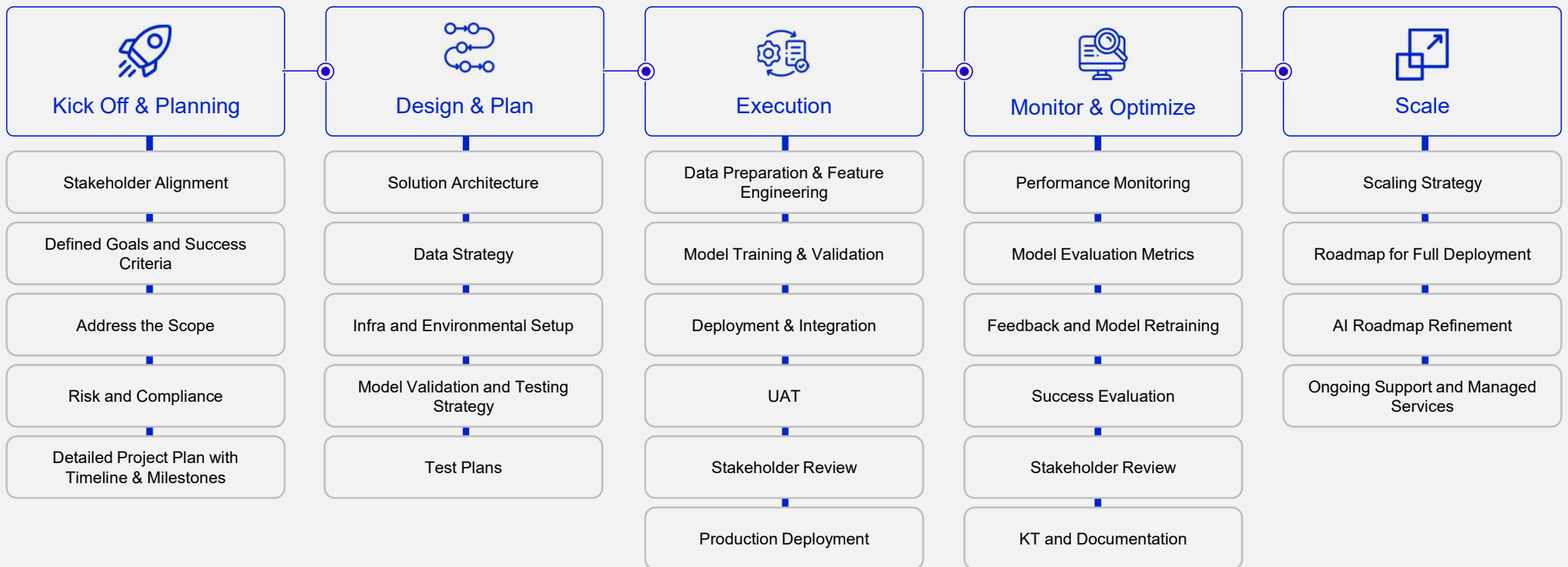


Stage 2 : Envision – Design and Blueprint

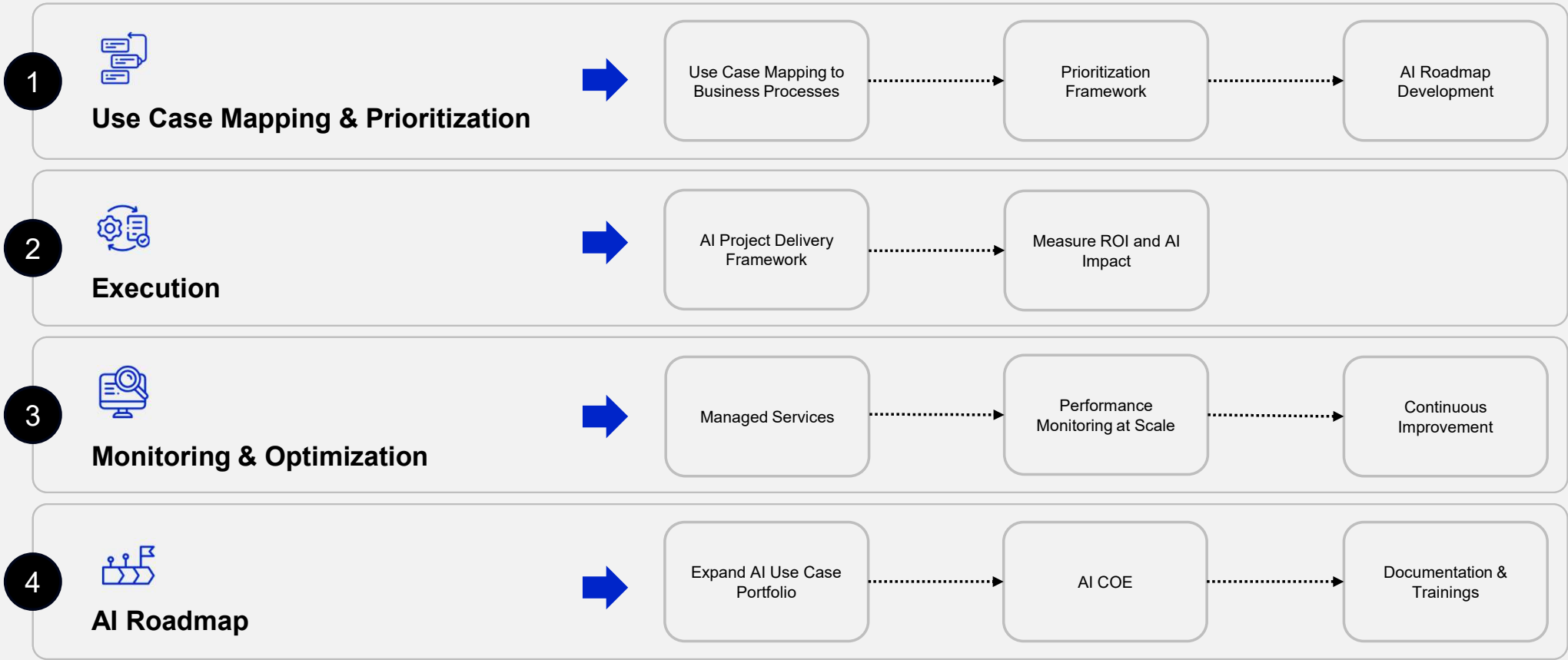


Stage 3 : Empower – Strategize and Deliver

Framework for Pilot Program Delivery



Stage 4 : Elevate – Optimize and Scale Impact



Timelines



Azure AI Services into the AI Assessment Offering

Category	Azure Perspective	Cloud4C Experience
AI Services/Readiness	Utilizes services like Azure OpenAI Service, Azure Machine Learning, Azure Data Lake Storage, and Azure Cognitive Services for AI solution readiness and development.	Focuses on evaluating business context, data, and technical readiness. Includes tailored AI readiness assessment.
Accelerating Time-to-value	Azure services offer streamlined deployment and operational models, accelerating AI solutions' deployment with Azure tools.	Cloud4C focuses 4-stage process (Uncover, Envision, Empower, Elevate) to prioritize and rapidly implement AI solutions.
Security and Compliance	Insights provided on data privacy and security using Azure technologies but does not conduct formal compliance audits.	Provides support for compliance considerations in AI assessments but no formal audits.
Scaling and Optimization	Azure infrastructure and services enable scalable AI deployments and monitoring.	Cloud4C offers a scaling roadmap and ongoing optimization strategies through AI Centres of Excellence
AI Governance	Azure services offer integrated governance tools (e.g., monitoring, compliance).	Cloud4C supports AI governance through planning, documentation, and training for AI operations.
AIOPs	Azure integrates AI-driven operational models through its various cloud-based tools.	Cloud4C provides operational readiness evaluations and implementation strategies for AI-driven processes.
Azure Cost Management	Uses Azure Cost Management tools for efficient cost and ROI assessments related to AI initiatives.	Cloud4C offers a financial assessment, including cost and ROI analysis for AI implementations.



Standardized Technical Patterns

Technical Pattern	Definition	Business use case examples
Build your own Custom Copilot	A custom copilot for enterprise applications performs two things: search/summarize data through a chat UI and/or task completion within the enterprise app using private or public data. The primary technical capabilities are generative AI, cognitive search, ML, orchestration and app dev. This pattern leverages the Microsoft Copilot Stack framework.	<ul style="list-style-type: none"> AI-enabled product experiences Ecomm. product discovery/shopping assistant Claims/Contract/Invoice process automation Travel assistant
Build your own Custom Chatbot	A custom, customer facing chatbot that can search/summarize data through a chat UI.	<ul style="list-style-type: none"> Customer Service
Chat with your data	<ul style="list-style-type: none"> This pattern combines the capabilities of document retrieval and response synthesis to create a conversational search experience for internal users. For external users, use the "Build your own custom chatbot" pattern, which includes security controls for external access. 	<ul style="list-style-type: none"> Employee chatbot for HR / benefits Professional Services assistance (Legal/Tax/Audt) Analytics and reporting Contact center agent assistance FLW enablement/productivity Employee self-service and knowledge management (IT + HR)
Document processing and Summarization	This pattern enables users to classify, extract, summarize, and gain deeper insights from documents using natural language prompts with high accuracy and limited-to-no machine learning (ML) training. It combines the capabilities of Azure Form Recognizer, AK5/App Service, CosmosDB, Azure ML	<ul style="list-style-type: none"> Tax forms processing and analysis for insights Documentation of clinician-patient visit and entering summary into downstream systems Meeting summaries and notes
Code generation and documentation	This pattern uses legacy code translation (GitHub Copilot) and databases, summarization for app modernization and documentation generation.	<ul style="list-style-type: none"> Code translation Generate initial code drafts Code correction and refactoring Root-cause analysis

** Content adapted and inspired by the expertise of the Microsoft AI

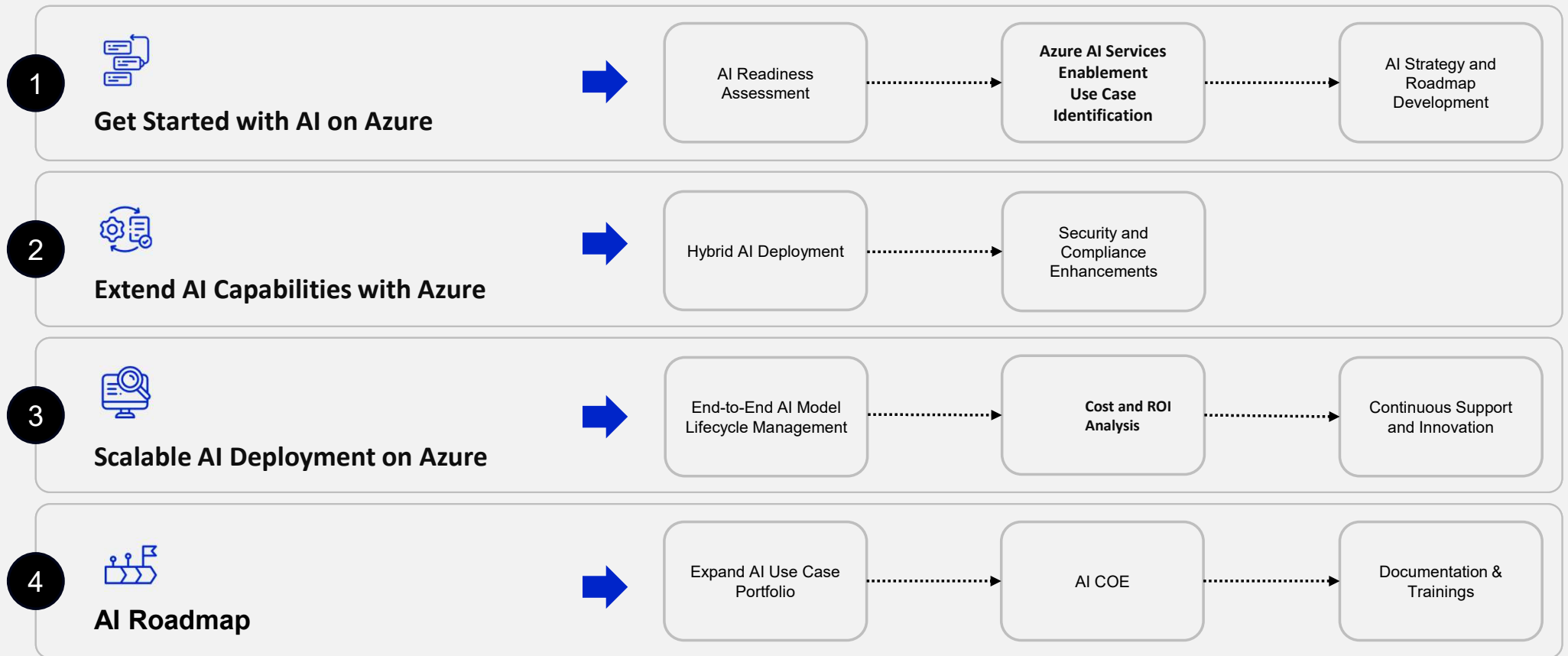
Standardized Technical Patterns

Technical Pattern	Definition	Business use case examples
Knowledge mining	This pattern enables customers to conduct large scale knowledge mining to find information and gain valuable insights and patterns. It combines knowledge mining (the cog service), RAG, with generative AI augmented at the front end.	<ul style="list-style-type: none">• Research analyst trying to derive insights from large pool of data (academic, medical)• Mining call center conversations for patterns / insights Drug Discovery
Content generation	<ul style="list-style-type: none">• This pattern generates text or image content based on conversational user input. It combines the capabilities of Image Generation and Text Generation.• Can be personalized to the user and brand.	<ul style="list-style-type: none">• Marketing campaign ideation and content drafting, automated translation• Email/Blog/Ad/Web copy• Product descriptions and images



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DeepForrest's AI Assessment : Proof Of Concept



Azure-Samples: Chat with Your Data Solution Accelerator

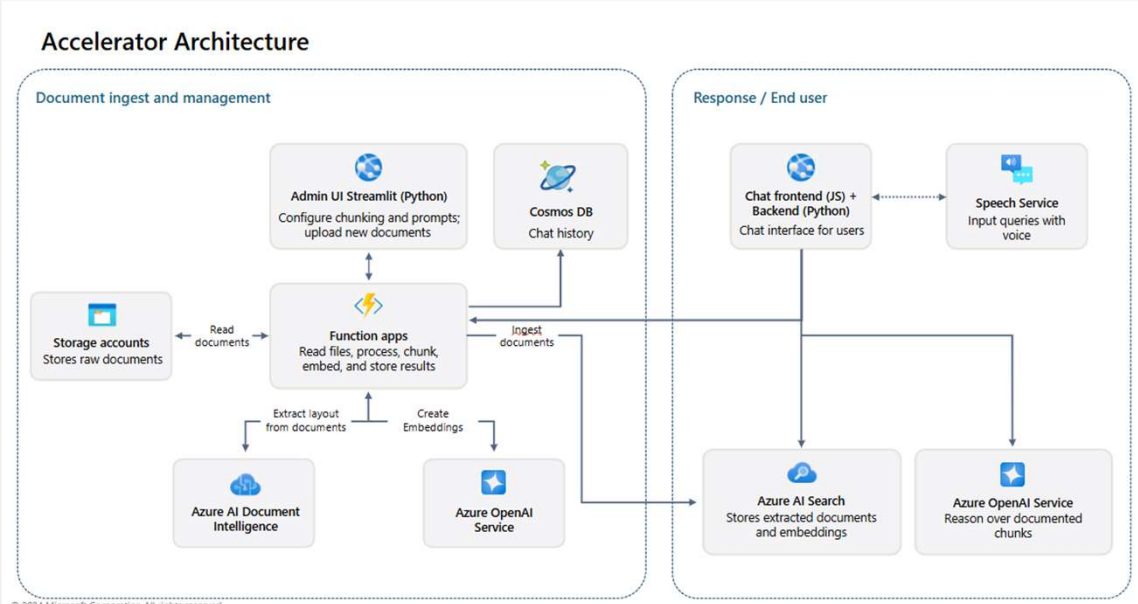
Potential Use Cases

Customer support bots that access up-to-date documentation.

Internal knowledge base systems for employees.

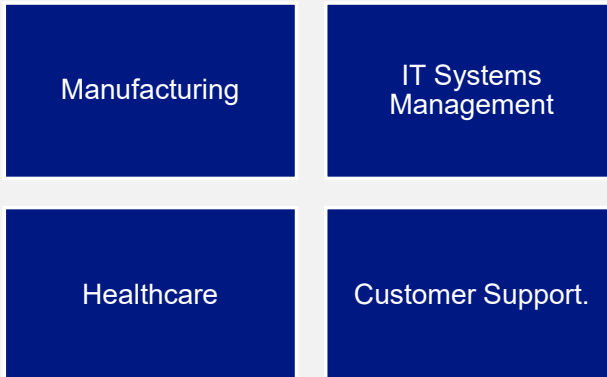
Data-driven insights for decision support.

Custom chatbots for industry-specific needs, such as healthcare and finance.

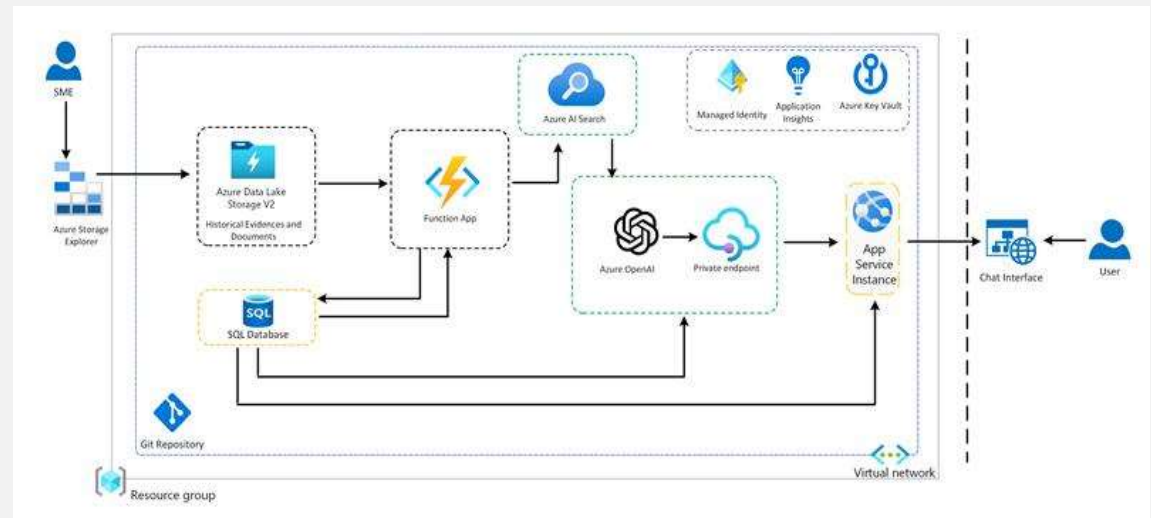


Root-Cause Analysis: AI-Driven Business Use Case Example

Real World Examples



RCA Architecture



AI-Enabled Product Experiences and E-commerce Assistants



Key Features

- Personalized product recommendations
- Context-aware customer interactions
- Real-time product insights
- Predictive analytics to anticipate user needs



Real- Word Examples

1. Retail Chatbots: AI-powered assistants that help customers navigate e-commerce sites, find desired products, and offer personalized deals.
2. Visual Search : AI solutions that allow users to search for products using images.



**Thank You for
Your Time**

