



# AI AGENT MVP DEVELOPMENT ON AZURE

**4-WEEK IMPLEMENTATION OFFER**

**[WWW.CIGEN.IO](http://WWW.CIGEN.IO)**



# AI AGENT MVP ON AZURE – BUILD IN 4 WEEKS, VALIDATE VALUE FAST

Develop a functional AI agent prototype powered by Microsoft Azure, connected to your organizational data. This package helps you move from theory to action with a low-risk, high-impact pilot.

## **ACCELERATED ADOPTION**

Get a working AI agent in just 4 weeks, reducing uncertainty and speeding up AI adoption.

## **BUSINESS-ALIGNED DESIGN**

Focus on 1–2 high-value use cases, ensuring the agent delivers measurable impact from the start.

## **FOUNDATION FOR SCALE**

Receive a pilot deployment plus a clear roadmap for expanding to full production and additional integrations.

# WHO IS THE AI AGENT MVP DEVELOPMENT OFFER PERFECT FOR?

## **ORGANIZATIONS EXPLORING AI ADOPTION**

Ideal for companies that want to validate AI agents quickly without committing to full-scale development.

## **TEAMS WITH AVAILABLE DATA BUT NO AI PATH**

Perfect for businesses that have structured or unstructured data but lack clarity on how to leverage it for AI.

## **ENTERPRISES SEEKING A LOW-RISK PILOT**

Provides a controlled, Azure-aligned environment to test agent capabilities before investing heavily.

## **DECISION-MAKERS NEEDING OUTCOMES**

Transforms abstract AI discussions into a functional prototype that demonstrates measurable value.

## **INNOVATORS PLANNING FOR SCALABLE SOLUTIONS**

Sets a strong foundation with guardrails, documentation, and a roadmap for expanding to production.



# 4-WEEK AI AGENT MVP DEVELOPMENT

## 01 Use case alignment and data mapping

We begin with workshops to identify 1–2 high-value use cases and review your available data sources. The outcome is a scoped agent design aligned with your business goals.

---

## 02 Core agent development on Azure

We create the base agent in Azure AI Foundry, integrate up to two data sources, and apply Azure Content Safety and monitoring. A simple pilot interface (chat or app embed) is also provided.

---

## 03 Pilot deployment and roadmap

The MVP is deployed in Azure for a test user group. Feedback is gathered to refine the flows and inform a clear roadmap for scaling additional use cases and integrations.

---



# PHASE 1:

## USE CASE ALIGNMENT AND DATA MAPPING

The journey begins with aligning agent capabilities to business needs. By defining 1–2 focused use cases and reviewing available data sources, we ensure the MVP is built with clear objectives and realistic scope.

- Business needs and use case selection: Identifying where an AI agent can add immediate value (e.g., internal knowledge lookup, customer FAQs, document summarization).
- Data source review: Evaluating structured, semi-structured, and unstructured data available for integration.
- Conversation flow design: Drafting initial agent personas, interaction flows, and success criteria.

Outcome: Clear target use cases, defined data sources, and a scoped agent design aligned with business objectives.



## PHASE 2: AI AGENT DEVELOPMENT ON AZURE

With the scope set, we build the MVP AI agent within Azure AI Foundry, integrating selected data sources and basic tools. This phase focuses on establishing functionality, guardrails, and monitoring.

- Agent scaffold creation: Building the base agent in Azure AI Foundry / Agent Service.
- Data integration: Connecting 1–2 key sources via Azure AI Search, Blob Storage, or custom APIs.
- Safety and compliance guardrails: Applying Azure Content Safety, governance policies, and logging.
- Pilot interface: Creating a simple web chat or app embed for testing.

**Outcome:** A working AI agent MVP, grounded in organizational data, with baseline safety, observability, and user interface.



## PHASE 3: PILOT DEPLOYMENT AND ROADMAP

The final phase shifts from building to validating.

We deploy the MVP in a controlled pilot, gather feedback, and define a roadmap for scaling agent capabilities.

- Pilot rollout: Deploying the agent in Azure and onboarding a test user group.
- Feedback and iteration: Gathering user input to refine flows, improve data relevance, and enhance usability.
- Roadmap for scale: Outlining steps to expand use cases, integrate additional tools, and move toward production.

Outcome: A deployed AI agent MVP with a clear plan for scaling into production use cases.



# HOW AI AGENTS HELP YOUR BUSINESS PROGRESS

AI agents move beyond simple chatbots — they connect to your data, integrate with tools, and provide real-time insights to support smarter decision-making. By starting with a focused MVP, your business can reduce risk, validate value quickly, and establish a scalable foundation for AI adoption.

## **Streamlined knowledge access**

Enable employees and customers to instantly find accurate answers from your organizational data.

## **Automated routine interactions**

Reduce manual workload by letting the agent handle repetitive queries and tasks.

## **Scalable innovation**

Lay the groundwork for expanding AI capabilities across multiple business functions.



# DELIVERABLES THAT MOVE YOUR BUSINESS FORWARD

A functional AI agent  
MVP connected to 1–2  
of your data sources.

A lightweight pilot  
deployment with test  
users

Documentation on  
architecture, flows, and  
safety measures

A roadmap for future  
expansion and  
production readiness



# **TAKE THE FIRST STEP TOWARD AI ADOPTION WITH AZURE**

Book your 4-week  
AI agent MVP development package