

SAP AI Agents with Foundry

Overview

Microsoft Azure AI Foundry SAP AI Assessment & Proof of Value is a structured 6–10 week engagement designed to modernise SAP operations by embedding AI capabilities directly into SAP processes using Azure AI Foundry, delivering a working proof of value (AI agents + grounded copilots + automated workflows) and an executive-ready roadmap for enterprise-scale AI adoption.

What This Engagement Delivers



Assessment & Discovery (Weeks 1–2)

We interview stakeholders, inventory SAP processes and data sources with high AI potential, review your current SAP landscape (S/4HANA Public Cloud / Rise / ECC) and existing AI maturity, and document integration, governance and compliance gaps—culminating in an initial assessment report with prioritized AI use cases ranked by business value and feasibility.



AI Architecture & Integration Layer (Weeks 3–5)

We connect Azure AI Foundry to SAP data sources using SAP OData/CDS Views and Azure data connectors, configure grounding pipelines (RAG) over SAP business content, and deploy foundation models (Azure OpenAI GPT-4o / Phi) tailored to core SAP domains such as Finance, Procurement, Sales, and Supply Chain—enabling context-aware, enterprise-safe AI responses grounded on your SAP data.



Working Proof of Value (Weeks 6–8)

We deliver production-like AI agents and copilot experiences integrated with SAP transactional flows—covering scenarios such as intelligent AP/AR exception handling, procurement co-pilot, or supply chain anomaly detection—run accuracy, safety and usability validation sessions, and quantify business value against the current state through benchmarking and user acceptance testing.



Roadmap & Next Steps (Weeks 9–10)

We present results, define a phased AI adoption roadmap with quick wins, effort/cost estimates, responsible AI governance recommendations (content filtering, guardrails, auditability), and a leadership-friendly executive summary—plus knowledge transfer and technical documentation so your team can scale the AI platform across the organization.

Outcomes You Can Expect

- AI agents and copilots grounded on live SAP data via Azure AI Foundry and Azure OpenAI
- Accelerated SAP process cycles through intelligent automation and exception-driven workflows
- Responsible AI alignment with enterprise governance, security and compliance requirements
- A validated proof of value (PoV) and a clear adoption roadmap to scale AI across your SAP landscape with confidence