



Innovate with Azure AI Apps and Agents

Build Intelligence into Every App





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What Are Azure AI Apps and Agents?

- Azure AI applications and agents represent the next evolution of intelligent software that can **reason, act, and learn** to automate and execute business processes autonomously.
- **Modern AI Apps** combine contemporary development methodologies with advanced data analytics, machine learning (ML), and artificial intelligence (AI) technologies to enhance user experiences and provide smarter functionalities.
- **AI Agents** are specialized micro-services that take unstructured messages, optionally invoke other APIs, and return intelligent responses - working alongside or on behalf of a person, team, or organization.

1. Work Trend Index Annual Report, Microsoft
2. IDC
3. Gartner® 2025 Top Strategic Technology Trends E-Book, Gene Alvarez and Tom Coshov, 2024
4. IBM

AI Adoption is Accelerating

- **81%** of leaders expect AI agents to be moderately or extensively integrated into their company's AI strategy in the next 12-18 months¹
- **IDC projects 1.3 billion AI agents by 2028²**
- **By 2028, at least 15% of day-to-day work decisions** will be made autonomously through agentic AI, up from 0% in 2024³
- **99%** of developers building enterprise AI applications are exploring or developing AI agents⁴

Building Azure AI Apps and Agents

Azure AI apps and agents combine cutting-edge AI capabilities with enterprise-grade infrastructure to deliver transformative business solutions.

Core Features of Azure AI Apps and Agents

1

FOUNDATIONAL CAPABILITIES

- ✓ User-Centric Design with natural language interfaces
- ✓ Cross-Platform Compatibility across cloud, edge, and on-premises
- ✓ Continuous Delivery & Deployment with DevOps integration
- ✓ Cloud-Native architecture built for scale

2

AI-POWERED INTELLIGENCE

- ✓ Predictive Analytics - Analyze vast amounts of data for actionable insights
- ✓ Machine Learning and AI - Leverage 11,000+ foundational and industry-specific models
- ✓ Natural Language Processing - Enable conversational interactions
- ✓ Real-Time Data Processing - Handle dynamic business requirements

3

AGENTIC CAPABILITIES

- ✓ Reasoning - Plan and decompose complex tasks intelligently
- ✓ Acting - Execute actions through tool calling and API integration
- ✓ Learning - Maintain memory and improve from past interactions
- ✓ Multi-Agent Orchestration - Coordinate specialized agents for complex workflows

Agent Maturity Model

Simple to Advanced

Tasks can vary in level of complexity and capabilities depending on your need

Simple



Generation

Generate summaries, images, audio, and more with an AI model and inputs.



Retrieval

Retrieve information from grounding data, reason, summarize, and answer user questions.



Action

Take actions to automate workflows and replace repetitive tasks for users.

Advanced

Advantages of Azure AI Apps and Agents

Key Business Benefits



Enhanced Decision Making

Azure AI apps analyze vast amounts of data to provide actionable insights, enabling quicker and more accurate decision-making across your organization.



Cost Optimization

By automating routine tasks and processes, Azure AI apps help reduce operating costs and resource expenditures while improving service quality.



Operational Efficiency

Through intelligent automation and optimized processes, Azure AI apps significantly reduce manual efforts and streamline operations for measurably better efficiency.



Enterprise Scalability

Designed for Azure cloud infrastructure, AI apps allow businesses to easily scale operations up or down in response to demand changes, ensuring flexibility and cost-efficiency.



Superior Customer Experience

By offering personalized experiences and real-time responses, Azure AI apps foster better engagement and satisfaction among customers with 24/7 availability.



Trust and Security

Built on Microsoft's secure, global AI infrastructure with 78 trillion security signals analyzed daily and 100+ compliance certifications.

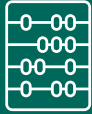


Competitive Advantage

Leveraging Microsoft's latest AI and ML technology, Azure AI apps provide a significant competitive advantage in today's rapidly evolving markets.

Offering: Build Azure AI Apps and Agents

Custom services to meet your needs across the entire AI transformation lifecycle.



Advisory

Approach:

Workshops & Webinars on AI strategy and Azure capabilities

Outcome:

Understanding Azure AI potential and learning roadmap



Envisioning

Approach:

Design-led workshops focused on AI agent workflows

Outcome:

Future state vision & high-level implementation roadmap for intelligent automation



Strategy

Approach:

Deep engagement with your business requirements

Outcome:

Detailed deliverables across:

- ✓ Current state assessment of AI readiness
- ✓ Target state architecture
- ✓ Technology & Implementation planning
- ✓ Agent design and multi-agent orchestration
- ✓ Governance framework



Build & Launch

Approach:

AI-enabled, Agile development

Outcome:

Production-ready AI apps and agents



Support, Enhance, Optimize

Approach:

AI-powered operations, monitoring, and continuous improvement

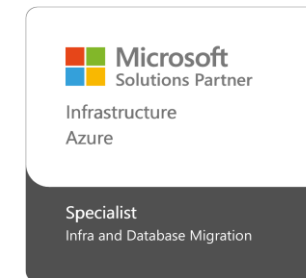
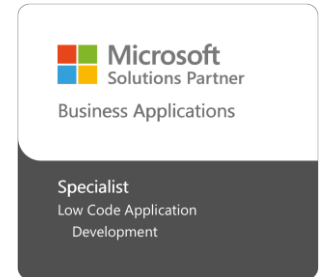
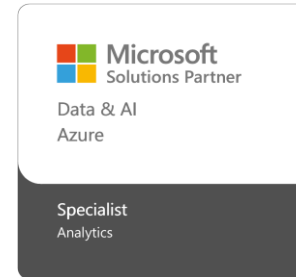
Outcome:

AI system performance metrics, continuous model improvements, capability expansion, and enterprise compliance management.

Your Microsoft Partner for the AI Era

Lantern has a North American reach and the scale to help organizations in the AI era. With over 20 years of proven delivery experience integrating Microsoft technologies into the Enterprise, we have deep practitioner expertise and the ability to scale cost-effectively.

- ✓ Microsoft Fully Managed Partner
- ✓ Achieved all 6 solution Partner Designations
- ✓ Fabric Feature Partner
- ✓ Access to Microsoft funding programs





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Get started today at lanternstudios.com/contact