

Building intelligent apps: Team readiness toolkit

Resources to help your team acquire the skills to build and modernise intelligent apps

The era of intelligent apps is here

What is an intelligent app?

Intelligent apps use AI and/or machine learning to create more dynamic and personalised experiences, helping businesses transform how they work and deliver value to customers.

Build, modernise or both?

You can either build apps from the ground up with AI as a core component or modernise your existing apps to incorporate AI into their design. Wherever your starting point is, the Azure solution stack empowers you to innovate by combining modern app development, cloud-scale data and AI.

Intelligent app solutions stack: Apps + data + AI	
App layers	- Azure Kubernetes Service (AKS) - Azure App Service
Data layers	- Azure Cosmos DB - Azure SQL Database - Azure Database for PostgreSQL
Azure AI Services	- Azure OpenAI Service - Azure Machine Learning

“Microsoft... offer[s] training programs designed to encourage and facilitate effective use of their AI solutions. This approach serves a dual purpose – enhancing the user’s proficiency with the specific product and, concurrently, creating a real-time feedback loop. As users engage with the training programs, their interactions provide valuable insights into the most effective areas for further investment.”¹

Forbes

¹ Committee of 200, 'The Workforce in the World of AI: HR Strategies for 2024 and Beyond', Forbes, February 13, 2024.

Intelligent app resources curated to your team’s skill levels

Prepare your team to build and modernise intelligent apps by giving them learning resources that build on their existing knowledge and skill sets.

Microsoft offers learning resources to help your team:

- Assess their readiness to see where the gaps are.
- Learn how to build and modernise apps using AI, machine learning and analytics.
- Adopt best practices for deployment.
- Manage and optimise workloads to improve performance and cost.
- Practice responsible use of AI throughout your intelligent app strategy.

Learning resources to jump-start your intelligent app journey

Assess your team’s readiness to modernise apps and data workloads
Readiness assessment >
Empower your organisation to use AI
Introduction to AI for business users >
Build a cloud adoption strategy that’s understandable to technicians and stakeholders
Cloud adoption framework for Azure: Strategy methodology >
Document your strategy in an actionable plan
Cloud adoption framework: Plan methodology >
Stay current with in-demand AI skills
The Spark monthly newsletter >
Ensure your use of AI is responsible and explainable
Six principles of responsible AI >

Encourage continuous learning

Get step-by-step guidance on everything from data and AI to cloud computing and app development. [Browse learning paths](#) >

Benefits of fostering a culture of continuous learning

- Attract and retain developer talent
- Deliver industry-leading apps ahead of the competition
- Adopt emerging technologies quickly and confidently

Take the next steps to launch your intelligent app journey

[Download the full Building Intelligent Apps Toolkit](#) >

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