

# Azure Well-Architected AI Workload Assessment



## What is it?

An Azure Well-Architected AI workload assessment helps you evaluate your AI solutions (whether you're using machine learning, cognitive services or large language models) against Microsoft's best practice cloud architecture. It's designed to ensure your AI workloads are scalable, secure, efficient, and aligned with both technical and business objectives.



## What it includes

This assessment explores your AI environment across five key areas - reliability, security, performance, cost, and operational excellence. It looks at how models are deployed, how data is managed, how well resources are utilised, and whether you've got the right governance and lifecycle processes in place to support sustainable, responsible AI at scale.



## Key outcomes

- Reduce risk by ensuring AI workloads are secure and governed.
- Improve performance through right-sized, optimised infrastructure.
- Control costs especially with resource-intensive training or inference jobs.
- Support scalability so that your AI solutions can grow with demand.
- Drive responsible AI through transparency, fairness and accountability.

## When to do an assessment



Before or after deploying AI models to Azure



As part of scaling your AI capabilities



When moving from pilot to production



To meet regulatory, ethical or governance requirements

**Run tailored AI workload assessments - contact us today**