

AI Ready: How to make workloads well architected

Course Overview

Duration - 8 Hours | Level - Intermediate

This course describes the organizational process for building AI workloads in Azure. It explains the various design areas, the GenAIOps process, and describes how to make the workloads well architected.

Course Modules

Day 1 - Understand AI Ready and establish GenAIOps

Module 1 - Microsoft Cloud Adoption Framework for Azure and Azure Landing Zone

Introduction to AI workloads on Azure
Understand the Microsoft Cloud Adoption Framework for Azure
Introduction to Azure Landing Zone
AI adoption - How to adopt AI
AI Strategy - Process to develop AI Strategy
AI Plan - Process to plan for AI adoption
AI Ready – Process to build AI workloads in Azure
AI on Azure Platforms (PaaS)
AI on Azure Infrastructure (IaaS)
Manage, Govern and Secure AI
Landing Zone for Azure OpenAI

Module 2 - Establish GenAIOps

Introduction to GenAIOps
Overview of Design areas for AI workloads on Azure
GenAIOps for AI workloads on Azure
Introduction to test and evaluate AI workloads on Azure
Workload team personas for AI workloads

Interactive Simulated Lab

Deploy the Platform Landing Zone
Set up a GenAIOps process

Day 2 - Implement Azure Well Architected Framework

Module 3 - Azure Well Architected Framework

AI Repeatable Patterns

Azure Well-Architected Framework

Design methodology for AI workloads on Azure

Design principles for AI workloads on Azure

Design areas for AI workloads on Azure

Test and evaluate AI workloads on Azure

Responsible AI in Azure workloads

Well-Architected Framework AI workload assessment

Interactive Session

WAF interactive challenge experience

Hands on Labs

Azure AI Foundry end-to-end baseline reference implementation

Interactive Simulated Lab

Deploy Azure OpenAI end-to-end chat reference architecture