

# AB-100T00: Architecting agentic AI business solutions

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## Course Description

Architecting agentic AI business solutions is an advanced course for architects, senior consultants, and technical leaders responsible for planning, designing, and governing AI-powered enterprise solutions built on Microsoft platforms. This course serves as a foundational, real-world, and architectural preparation step that builds the design judgment, strategic reasoning, and end-to-end understanding learners need before pursuing the AB-100 exam or implementing agentic AI solutions at scale. Learners will explore how to architect AI-powered business solutions that use agents, copilots, and generative AI to automate tasks, improve decision-making, and enhance employee and customer experiences. Emphasis is placed on architecture, trade-offs, governance, cost/benefit analysis, and lifecycle management, rather than step-by-step configuration.

## Course Duration

3 days

## Prerequisites

- Familiarity with Microsoft business applications
- Understanding of cloud concepts
- Fundamental knowledge of solution architecture

## Course Outline

- Introduction to agentic AI business solutions
- Analyze requirements for AI-powered business solutions
- Design overall AI strategy for business solutions
- Evaluate costs and benefits of AI solutions
- Design AI agents for business solutions
- Design extensibility of AI solutions
- Orchestrate configuration of prebuilt agents and apps
- Monitor, analyze, and tune AI agents
- Manage testing AI-powered business solutions
- Design ALM process for AI-powered business solutions
- Design responsible AI security, governance, risk management, and compliance

## Who Should Attend

This course is intended for experienced technology professionals who are responsible for planning, designing, and guiding AI-powered business solutions using Microsoft platforms. This course assumes familiarity with Microsoft business applications, cloud concepts, and solution architecture fundamentals. It is best suited for learners who want to deepen their architectural judgment, design decision-making, and enterprise readiness for agentic AI solutions—rather than those seeking step-by-step configuration guidance or exam preparation.

While this course aligns conceptually with many of the AB-100 exam skill areas, it is not a test-preparation course and does not focus on test-taking strategies. Instead, it provides the architectural foundations, enterprise context, and design reasoning that make AB-100 learning meaningful and applicable. For many learners, this course serves as a recommended preparatory step before beginning focused AB-100 exam study. The ideal audience includes:

- Solution Architects and Enterprise Architects designing intelligent and agent-based business solutions
- Senior Functional and Technical Consultants working with Dynamics 365, Microsoft 365, Power Platform, or Azure AI services
- AI and Digital Transformation Leads defining AI strategy, governance, and adoption across the organization
- Application Architects and Technical Leads integrating agents, copilots, and generative AI into enterprise workloads
- Experienced practitioners preparing to advance toward formal AI solution validation, seeking architectural depth rather than exam-focused instruction