

Become an AWS AI Business Strategist

AWS Classroom Training

Course description

The AWS AI Business Strategist: Role-Based Training is an instructor-led course designed for business and technology leaders responsible for shaping, sponsoring, and scaling AI initiatives within their organizations. Instructors model how to think like an AI strategist using case studies. Professionals learn how to lead AI strategy engagements from customer diagnosis through enterprise deployment. The training provides a framework for understanding what an AI strategist does and multiple use cases to practice those tasks. The simulation on Day 2 provides an opportunity for learners to synthesize their learning in an end-to-end AI strategy challenge. Participants leave with actionable tools: strategic frameworks and guided walkthrough documents- all contextualized within the AWS AI ecosystem. The course is aligned with the certification exam domains and offers a role-based perspective for learners interested in taking the exam.

Course level: Fundamental

Duration: 2 Days / ~16 Hours

Activities

Multiple 30-minute activities on Day 1, two interactive simulations with instructor debriefing on Day 2, case studies, small group discussions, and customer scenario analysis

Course objectives

In this course, you will learn to do the following:

- Transform ambiguous business challenges into scoped, AI-appropriate problem statements.
- Apply the 3D framework (Discover, Design, Deliver) to assess organizational readiness and map problems to AI capabilities
- Evaluate tradeoffs between business objectives and responsible AI principles, balancing value, feasibility, risk, and ethics
- Design pilot strategies with measurable success criteria and phased scaling paths to enterprise deployment
- Facilitate AI change management by addressing workforce concerns and structuring cross-functional teams
- Explain core AI/GenAI concepts to evaluate solution feasibility and inform build-buy-partner decisions

Intended audience

This course is intended for:

- Business executives and senior leaders responsible for AI strategy
- Product managers and Program managers driving AI initiatives
- IT and Technology leaders overseeing AI adoption
- Risk, compliance, and governance professionals
- Organizational change management and HR leaders supporting AI transformation

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Prerequisites

We recommend that attendees of this course have the following:

- Business or technology leadership experience
- Familiarity with enterprise technology initiatives
- Basic understanding of cloud computing concepts
- Optional: AWS Cloud Practitioner Essentials (foundational cloud literacy)

Course outline

Module 0: Welcome and Course Overview

- Access Labs and Guides

Module 1: The AI Business Strategist's Toolkit

- The AI business strategist's role
- The Enterprise Strategy Layer
- The 3D framework
- Technical Foundations: What the AI Business Strategist Needs to Know
- Activity: Scenario Triage

Module 2: Discover: Problem, Readiness, and Data Foundations

- Diagnose the Customer's Actual Problem
- Assess Organizational Readiness
- Establish Data Foundation
- Activity: Discovery

Module 3: Design: Capabilities, Governance, and Scope

- Map Business Problems to AI Capabilities
- Weave in Governance and Responsible AI
- Specify POC scope and pilot success criteria
- Activity: Governance in a Regulated Architecture

Module 4: Deliver: Pilot, Change, and Scale

- Build, calibrate, and evaluate the POC
- Deploy bounded pilot and lead change
- Scale from Pilot to Enterprise and Connect to Strategy

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- Activity: Deliver

Module 5: Agentic AI: Architecture, Evaluation, and Production

- Multi-Agent Architectures
- Autonomy vs. Control in Depth
- Generation, Evaluation, and Production
- Activity: Break the Agent

Module 6: Discover Together

- Use Case Introduction and Framework Review
- Simulation Debrief

Module 7: Design Together

- Map Pain Points to AI Capabilities
- Governance by Design
- POC scope and pilot success criteria

Module 8: Deliver Together

- Build, calibrate, and evaluate the POC
- Deploy bounded pilot and lead change
- Scale to enterprise platform

Module 9: Summary and Continue Your Learning

- Next Steps for Continued Learning