Amazon Quick for AI-Powered Productivity and Business Intelligence Training

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Duration: **1 Day**

Amazon Quick for AI-Powered Productivity and Business Intelligence is designed for business users, data analysts, and knowledge workers who want to work more effectively with data and enterprise information through AWS's AI-powered workspace, **Amazon Quick**.

Participants learn how to navigate the Amazon Quick environment and use**Quick Sight** to analyse and visualise data. The course also explores how enterprise knowledge can be organised within **Quick Spaces**, how custom AI chat agents can be created, and how repetitive tasks can be automated using **Quick Flows**.

The programme also covers research across multiple data sources, with an emphasis on validating sources and using AI-supported research responsibly. Hands-on labs, demonstrations, assessments, and group discussions give learners opportunities to apply each major capability in realistic business scenarios.

Course Activities

The course includes:

- Presentations,
- Hands-on labs,
- Demonstrations,
- Assessments,
- Group discussions.

Prerequisites

Participants are recommended to have:

- A basic understanding of cloud computing concepts,
- Familiarity with web-based applications.

Who Should Attend

This course is particularly suitable for:

- AWS customers working as Business Analysts, Data Analysts, Consultants, and Business Users,
- AWS Partners.

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What You Will Learn

By the end of this course, participants will be able to:

- Navigate Amazon Quick and explain the main capabilities available across its tools,
- Build interactive dashboards and visualisations with Quick Sight,
- Turn data into actionable business insights,
- Create and manage Quick Spaces with suitable data sources, permissions, and security controls,
- Organise shared knowledge resources for team collaboration,
- Build and deploy custom Chat Agents and Flows to automate repetitive work,
- Use the Research Agent to conduct research across multiple data sources,
- Validate sources appropriately when reviewing AI-supported research results.

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Training Outline

Module 1: Introduction to Amazon Quick

This section introduces Amazon Quick as an agentic AI-powered workspace and explores its main capabilities.

- Understand the concept of an agentic AI-powered workspace
- Explore Amazon Quick core capabilities
- Navigate the Amazon Quick environment
- Understand how the different Quick tools support business workflows

Module 2: Visualising and Analysing Data with Amazon Quick Sight

Participants learn how to use AI-powered analytics capabilities to prepare data, perform analysis, and create interactive business visualisations.

- Introduction to AI-powered analytics with Amazon Quick Sight
- Create and manage datasets for analysis
- Build interactive dashboards
- Create data visualisations
- Understand scenarios and data stories
- **Hands-On Lab:** Explore the generative business intelligence features in Amazon Quick Sight

Module 3: Amazon Quick Spaces and Chat Agents

This section focuses on organising enterprise knowledge and creating AI-powered conversational experiences.

- Knowledge bases and connectors
- Use Quick Spaces to aggregate information resources
- Organise data sources within a Space
- Understand Chat Agents in Amazon Quick
- Apply effective prompting techniques
- **Hands-On Lab:** Create an HR agent with Amazon Quick

Module 4: Amazon Quick Flows and Research

The final module focuses on automating agentic workflows and conducting research across multiple information sources.

- Orchestrate agentic workflows with Quick Flows
- Create flows in Quick Flows
- Run and manage flows
- Launch research projects with Quick Research
- Gather information from multiple data sources
- Validate sources and assess research results
- **Hands-On Lab:** Conduct research and create Flows with Amazon Quick