Exam Prep: AWS Certified Data Engineer - Associate (DEA-C01) Training

Duration: **1 Day**

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Overview

The **AWS Certified Data Engineer – Associate (DEA-C01) Exam Prep** is an **intensive 1-day course** designed to help professionals strengthen their data engineering skills and prepare for the official AWS certification exam.

You'll review all exam domains through instructor-led discussions, practical exercises, and targeted practice questions designed to mirror the real exam environment.

Prerequisites

Participants are expected to have:

- **2–3 years of experience in data engineering**, including ETL and data pipeline management,
- **1–2 years of practical experience with AWS data services** (e.g., S3, Glue, Redshift, Athena, Kinesis, Lambda),
- Basic understanding of **AWS Cloud concepts and architecture**,
- Familiarity with **SQL and Python** for data processing.

Who Should Attend

This course is ideal for:

- Data professionals with **2–3 years of experience in data engineering**,
- Engineers with **1–2 years of hands-on AWS experience**,
- Candidates preparing for the **AWS Certified Data Engineer – Associate (DEA-C01)** exam.

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What You Will Learn

By completing this course, learners will be able to:

- Identify key domains covered in the AWS Certified Data Engineer – Associate exam.
- Apply effective test-taking strategies for multiple question formats.
- Strengthen understanding across AWS data services including ingestion, transformation, storage, operations, and governance.
- Gain confidence through hands-on practice with exam-style questions.

Outline

- **Module 0: Introduction** – Exam structure, question types, and test strategies
- **Module 1: Data Ingestion and Transformation** – Data pipelines, orchestration, and coding
- **Module 2: Data Store Management** – Catalogs, data lifecycle, schema design
- **Module 3: Data Operations and Support** – Automation, monitoring, quality assurance
- **Module 4: Data Security and Governance** – Encryption, authorization, audit logging
- **Module 5: Review & Strategy** – Final preparation and recommended next steps