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

Category: Cloud Platforms | **Vendor:** Amazon Web Services

Duration: 8.00 hours (1 days) **6.5 CPD Hours** **Rating:** ⭐ 4.6 (5,878 reviews)

Course Information

Delivery Format:	Instructor Led - Online
Certification:	AWS Certified Data Engineer – Associate
Related Exam:	DEA-C01

Course Overview

In this 1-day instructor-led training course, you will prepare for the AWS Certified Data Engineer - Associate (DEA-C01) exam. This course helps you understand what is important for the exam, how to approach different question types, and how to identify common misconceptions that appear on the test. The instructor will guide you through exam-focused reviews of each domain, highlighting frequently tested concepts, clarifying easily confused topics, and providing strategic approaches to question analysis.
Through targeted practice with exam-style questions, you will develop the specific knowledge and testtaking skills needed to succeed on the certification exam.

This course includes presentations, discussions, and guided practice with exam-style questions and scenario-based discussions. Each content module includes section slides aligned to the task statements in the domain followed by a walkthrough section of relevant questions.

About This Course

Module 0: Introduction

- Exam format and structure
- Question types and scoring
- Test-taking strategies
- Preparation resources

Module 1: Data Ingestion and Transformation

- Task Statement 1.1: Perform data ingestion
- Task Statement 1.2: Transform and process data
- Task Statement 1.3: Orchestrate data pipelines
- Task Statement 1.4: Apply programming concepts
- Walkthrough of exam-style questions
- Additional questions

Module 2: Data Store Management

- Task Statement 2.1: Choose a data store
- Task Statement 2.2: Understand data cataloging systems
- Task Statement 2.3: Manage the lifecycle of data
- Task Statement 2.4: Design data models and schema evolution
- Walkthrough of exam-style questions
- Additional questions

Module 3: Data Operations and Support

- Task Statement 3.1: Automate data processing by using AWS services
- Task Statement 3.2: Analyze data by using AWS services
- Task Statement 3.3: Maintain and monitor data pipelines
- Task Statement 3.4: Ensure data quality
- Walkthrough of exam-style questions
- Additional questions

Module 4: Data Security and Governance

- Task Statement 4.1: Apply authentication mechanisms
- Task Statement 4.2: Apply authorization mechanisms
- Task Statement 4.3: Ensure data encryption and masking
- Task Statement 4.4: Prepare logs for audit
- Task Statement 4.5: Understand data privacy and governance
- Walkthrough of exam-style questions
- Additional questions

Module 5: Course Wrap-up

- Review of exam domains
- Final test-taking strategies
- Additional preparation resources
- Next steps

Who Should Attend

This course is intended for data professionals with 2-3 years of experience in data engineering and 1-2 years of hands-on experience with AWS services who are preparing to take the AWS Certified Data Engineer - Associate (DEA-C01) exam.

Prerequisites & Entry Requirements

General Prerequisites:

To be successful in this course, you should have:

- 2-3 years of experience in data engineering
- 1-2 years of hands-on experience with AWS services
- Basic familiarity with AWS data services

Learning Outcomes

Upon successful completion of this course, participants will be able to:

In this course, you will:

- Identify the scope and content tested by the AWS Certified Data Engineer - Associate exam
- Apply effective test-taking strategies for different question types
- Practice with exam-style questions to build confidence and identify knowledge gaps
- Understand key concepts across all exam domains including data ingestion, transformation, data store management, operations, and security

Detailed Course Outline

Introduction

Exam format and structure

Question types and scoring

Test-taking strategies

Preparation resources

Data Ingestion and Transformation

Task Statement 1.1: Perform data ingestion

Task Statement 1.2: Transform and process data

Task Statement 1.3: Orchestrate data pipelines

Task Statement 1.4: Apply programming concepts

Walkthrough of exam-style questions

Additional questions

Data Store Management

Task Statement 2.1: Choose a data store

Task Statement 2.2: Understand data cataloging systems

Task Statement 2.3: Manage the lifecycle of data

Task Statement 2.4: Design data models and schema evolution

Walkthrough of exam-style questions

Additional questions

Data Operations and Support

Task Statement 3.1: Automate data processing by using AWS services

Task Statement 3.2: Analyze data by using AWS services

Task Statement 3.3: Maintain and monitor data pipelines

Task Statement 3.4: Ensure data quality

Walkthrough of exam-style questions

Additional questions

Data Security and Governance

Task Statement 4.1: Apply authentication mechanisms

Task Statement 4.2: Apply authorization mechanisms

Task Statement 4.3: Ensure data encryption and masking

Task Statement 4.4: Prepare logs for audit

Task Statement 4.5: Understand data privacy and governance

Walkthrough of exam-style questions

Additional questions

Course Wrap-up

Review of exam domains

Final test-taking strategies

Additional preparation resources

Next steps

□□ Certification Path

AWS Certified Data Engineer – Associate

Exam: DEA-C01

Skills You Will Learn:

In this course, you will:

- Identify the scope and content tested by the AWS Certified Data Engineer - Associate exam
- Apply effective test-taking strategies for different question types
- Practice with exam-style questions to build confidence and identify knowledge gaps
- Understand key concepts across all exam domains including data ingestion, transformation, data store management, operations, and security

Frequently Asked Questions

Q: What delivery options are available for Exam Prep: AWS Certified Data Engineer – Associate (DEA-C01)?

We offer multiple delivery formats:

- Live Instructor-Led Classroom Online (Virtual/Live Online)
- Traditional Instructor-Led Classroom Training (ILT)
- On-site delivery at your offices anywhere in United Kingdom
- Private dedicated courses customized for your team

Q: What certification does this course prepare me for?

The Exam Prep: AWS Certified Data Engineer – Associate (DEA-C01) course helps prepare you for the AWS Certified Data Engineer – Associate certification path.

Q: Which exam does this course prepare me for?

This course prepares you for the DEA-C01 official exam. You can take this exam at any exam center across United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online wherever you are located.

Q: How many CPD hours does this course provide?

The 1-day Exam Prep: AWS Certified Data Engineer – Associate (DEA-C01) course provides up to 6.5 CPD hours of structured learning. CPD certificates can be provided upon request.

Q: What is the duration of the Exam Prep: AWS Certified Data Engineer – Associate (DEA-C01) training?

The training takes place over 1 day(s), with each day lasting approximately 8.00 hours including breaks for lunch and refreshments.

Q: Do you provide corporate training for Exam Prep: AWS Certified Data Engineer – Associate (DEA-C01)?

Yes, we provide corporate training, dedicated training, and closed classes for Exam Prep: AWS Certified Data Engineer – Associate (DEA-C01). Training can take place anywhere in United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online allowing teams from across United Kingdom or internationally to attend.

Q: What related terms do people search for?

Popular related searches include: Exam Prep: AWS Certified Data Engineer – Associate (DEA-C01), AWS Operations, EPCDEA, Exam Prep: AWS Certified Data Engineer Associate (DEA-C01), Amazon Web Services, vILT, Exam Prep

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Q: Why choose Nexus Human for Exam Prep: AWS Certified Data Engineer – Associate (DEA-C01)?

Nexus Human is recognized as one of the leading training providers. Our trainers have won multiple awards including:

- Small Firms Best Trainer Award
- National Training Partner of the Year (Ireland) - Multiple Years
- Global Top 30 Instructor Awards (2012, 2019, 2021)
- Tech Excellence Award Nominations
- Learning Performance Institute (LPI) External Training Provider Sponsor 2024

Q: Are there any discount codes available?

Yes! Use discount code **PENPAL5** when booking your Exam Prep: AWS Certified Data Engineer – Associate (DEA-C01) training. Please note that only one discount code can be used per booking and cannot be combined with other special offers.

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