



*Training Course:  
Certified Associate in Data Integration*

*22 - 26 August 2027  
Cairo (Egypt)*

## Training Course: Certified Associate in Data Integration

Training Course code: SC6061 From: 22 - 26 August 2027 Venue: Cairo (Egypt) - Training Course Fees: 4100 € Euro

### Introduction

Data integration is the cornerstone of modern data management, enabling organizations to consolidate data from various sources for analysis and decision-making. This [Certified Associate in Data Integration](#) training program provides a comprehensive foundation in data integration techniques, tools, and best practices. Participants will learn how to design, implement, and manage data integration workflows to ensure seamless data connectivity across systems.

### Target Audience

- Data analysts and database administrators.
- IT professionals involved in data integration projects.
- Business intelligence and data warehousing specialists.
- Professionals aiming to achieve a certification in data integration.
- Students and early-career professionals seeking expertise in data management.

### Objectives

By the end of the program, participants will:

- Understand the fundamentals of data integration and its role in data management.
- Gain hands-on experience with leading data integration tools and platforms.
- Design efficient ETL Extract, Transform, Load workflows.
- Address challenges like data quality, scalability, and integration with modern systems.
- Prepare for certification as a Data Integration Associate.

### Outlines

Day 1:

Fundamentals of Data Integration

- Key Topics:

- Introduction to Data Integration Concepts.
  - Understanding Data Sources: Relational, Non-relational, and APIs.
  - Overview of ETL vs ELT Processes.
  - Tools and Platforms for Data Integration.
  - Hands-on Session: Exploring Data Integration Interfaces.
- **Outcome:** Participants gain a foundational understanding of data integration principles and tools.

#### Day 2:

##### Designing ETL Processes

- **Key Topics:**
  - Extracting Data from Multiple Sources.
  - Data Transformation Techniques and Best Practices.
  - Loading Data into Target Systems: Databases and Data Warehouses.
  - Managing Data Mapping and Schema Alignment.
  - Workshop: Designing an ETL Workflow.
- **Outcome:** Ability to design and implement efficient ETL workflows.

#### Day 3:

##### Data Quality and Governance in Integration

- **Key Topics:**
  - Addressing Data Quality Issues: Cleansing, Validation, and Deduplication.
  - Data Governance and Compliance in Integration Projects.
  - Metadata Management for Integrated Systems.
  - Hands-on Session: Applying Data Quality Tools.
- **Outcome:** Participants understand how to ensure high-quality and compliant data integration.

#### Day 4:

##### Advanced Integration Techniques

- Key Topics:
  - Real-Time Data Integration and Streaming.
  - Cloud-Based Integration and Hybrid Systems.
  - Automation and Scheduling in ETL Processes.
  - Integration with BI Tools and Data Visualization Platforms.
  - Case Study: Solving Complex Integration Scenarios.
- Outcome: Advanced skills in integrating modern data systems and technologies.

#### Day 5:

#### Preparing for Certification and Practical Applications

- Key Topics:
  - Certification Exam Overview: Domains and Competencies.
  - Tips for Exam Preparation and Success.
  - Practical Applications: Implementing a Full Data Integration Project.
  - Workshop: Mock Exam and Review Session.
  - Q&A and Wrap-Up.
- Outcome: Confidence and readiness to achieve certification as a Data Integration Associate.

## Registration form on the Training Course: Certified Associate in Data Integration

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€ Euro

Complete & Mail or fax to Global Horizon Training Center (GHTC) at the address given below

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### Person Responsible for Training and Development

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### Payment Method

- ☐ Please find enclosed a cheque made payable to Global Horizon
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