



## SAP - Data Services - Platform and Transforms

---

**Code:** DS10-v015  
**Length:** 3 days  
**URL:** [View Online](#)

---

### Skills Gained

- Data Services
  - Defining Data Services
- Source and Target Metadata
  - Defining Datastores in Data Services
  - Defining a Data Services Flat File Format
- Batch Job Creation
  - Creating Batch Jobs
- Batch Job Troubleshooting
  - Writing Comments with Descriptions and Annotations
  - Validating and Tracing Jobs
  - Debugging Data Flows
  - Auditing Data Flows
- Functions, Scripts, and Variables
  - Using Built-In Functions
  - Using Variables, Parameters, and Scripts
- Platform Transforms
  - Using Platform Transforms
  - Using the Map Operation Transform
  - Using the Validation Transform
  - Using the Merge Transform
  - Using the Case Transform
  - Using the SQL Transform
- Error Handling
  - Setting Up Error Handling
- Changes in Data

- Capturing Changes in Data
- Using Source-Based Change Data Capture (CDC)
- Using Target-Based Change Data Capture (CDC)
- Data Services Integrator Transforms
  - Using Data Services Integrator Transforms
  - Using the Pivot Transform
  - Using the Data Transfer Transform

## Who Can Benefit

- Data Consultant / Manager
- Solution Architect

## Prerequisites

- Essential:
  - Basic Knowledge of SQL
- Recommended:
  - Data Warehousing Concepts

## Course Details

### Course Content

- Data Services
  - Defining Data Services
- Source and Target Metadata
  - Defining Datastores in Data Services
  - Defining a Data Services Flat File Format
- Batch Job Creation
  - Creating Batch Jobs
- Batch Job Troubleshooting
  - Writing Comments with Descriptions and Annotations
  - Validating and Tracing Jobs
  - Debugging Data Flows
  - Auditing Data Flows
- Functions, Scripts, and Variables
  - Using Built-In Functions
  - Using Variables, Parameters, and Scripts
- Platform Transforms
  - Using Platform Transforms
  - Using the Map Operation Transform

- Using the Validation Transform
- Using the Merge Transform
- Using the Case Transform
- Using the SQL Transform
- Error Handling
  - Setting Up Error Handling
- Changes in Data
  - Capturing Changes in Data
  - Using Source-Based Change Data Capture (CDC)
  - Using Target-Based Change Data Capture (CDC)
- Data Services Integrator Transforms
  - Using Data Services Integrator Transforms
  - Using the Pivot Transform
  - Using the Data Transfer Transform

## Course based on software release

- Data Services 4.2 SP8

---

**Download Whitepaper: Transforming Software Development in the Enterprise: Agile,  
DevOps and Kubernetes**  
Get Your Free Copy Now