

SAP Datasphere Training

COURSE CONTENT

GET IN TOUCH



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About Multisoft

Train yourself with the best and develop valuable in-demand skills with Multisoft Systems. A leading certification training provider, Multisoft collaborates with top technologies to bring world-class one-on-one and certification trainings. With the goal to empower professionals and business across the globe, we offer more than 1500 training courses, which are delivered by Multisoft's global subject matter experts. We offer tailored corporate training; project Based Training, comprehensive learning solution with lifetime e-learning access, after training support and globally recognized training certificates.

About Course

SAP Datasphere is a next-generation data management solution designed to unify, integrate, and analyze data from various sources seamlessly. At Multisoft Systems, our SAP Datasphere Training equips participants with the knowledge and skills to harness the full potential of this advanced platform.

Module 1: Introduction to SAP Datasphere

1.1 Overview of SAP Datasphere

- History and evolution of SAP Datasphere
- Importance in modern data management

1.2 Key Features and Benefits

- Core functionalities
- Benefits to businesses and organizations

1.3 Use Cases and Industry Applications

- Specific industry examples
- Success stories and ROI

Module 2: Getting Started with SAP Datasphere

2.1 Accessing the SAP Datasphere Platform

- Creating an account
- Logging in and user roles

2.2 Navigating the User Interface

- Overview of the main dashboard
- Key navigation elements

2.3 Understanding SAP Datasphere Terminology

- Glossary of key terms
- Contextual usage within the platform

Module 3: Data Integration and Connectivity

3.1 Data Sources and Connections

- Supported data sources
- Connecting to various data sources

3.2 Configuring Data Connections

- Setting up and managing connections
- Troubleshooting connectivity issues

3.3 Importing and Exporting Data

- Data import methods
- Exporting data to different formats

3.4 Managing Data Integrations

- Integration best practices
- Monitoring and optimizing data flows

Module 4: Data Modeling in SAP Datasphere

4.1 Introduction to Data Modeling

- Basic concepts and principles
- Importance of data modeling

4.2 Creating and Managing Data Models

- Steps to create a data model
- Editing and updating models

4.3 Using the Data Modeler Tool

- Features of the Data Modeler
- Hands-on guide to using the tool

4.4 Best Practices for Data Modeling

- Tips and tricks for effective modeling
- Common pitfalls and how to avoid them

Module 5: Data Preparation and Transformation

5.1 Data Preparation Techniques

- Cleaning and preprocessing data
- Handling missing or inconsistent data

5.2 Using Data Wrangling Tools

- Overview of data wrangling tools
- Practical examples and exercises

5.3 Data Transformation Methods

- Transformation techniques
- Use cases and applications

5.4 Automating Data Preparation Processes

- Automation strategies
- Tools and workflows for automation

Module 6: Data Governance and Security

6.1 Overview of Data Governance

- Principles and frameworks
- Importance in data management

6.2 Implementing Data Policies and Rules

- Setting up data policies
- Enforcing rules and compliance

6.3 Data Privacy and Compliance

- Regulatory requirements
- Ensuring data privacy

6.4 Security Features and Best Practices

- Security mechanisms in SAP Datasphere
- Best practices for data security

Module 7: Advanced Analytics and Reporting

7.1 Introduction to Advanced Analytics

- Key concepts and tools
- Benefits of advanced analytics

7.2 Creating Reports and Dashboards

- Step-by-step guide to report creation
- Customizing dashboards for insights

7.3 Using Analytical Tools and Functions

- Overview of analytical functions
- Practical applications and examples

7.4 Visualizing Data for Business Insights

- Data visualization techniques
- Tools and best practices for effective visualization

Module 8: Collaboration and Sharing

8.1 Collaborating within SAP Datasphere

- Collaboration features
- Setting up team workflows

8.2 Sharing Data Models and Reports

- Sharing methods and permissions
- Best practices for secure sharing

8.3 Managing Access and Permissions

- User roles and permissions
- Access control mechanisms

8.4 Integrating with Other SAP Solutions

- Overview of integration options
- Practical examples of integrations

Module 9: Administration and Management

9.1 Administering the SAP Datasphere Environment

- Key administrative tasks
- Tools and resources for administrators

9.2 Monitoring System Performance

- Performance metrics and monitoring tools
- Optimizing system performance

9.3 Troubleshooting Common Issues

- Common problems and solutions
- Resources for troubleshooting

9.4 System Maintenance and Updates

- Maintenance tasks and schedules
- Managing updates and upgrades