

**IBM Excellence Award**IBM Training 2019

Using IBM InfoSphere Optim Solutions for Distributed Platforms - SPVC

Code: 2T225G-SPVC

URL: [View Online](#)

This IBM Self-Paced Virtual Class (SPVC) includes:

- PDF course guide available to attendee during and after course
- Lab environment where students can work through demonstrations and exercises at their own pace

This course will teach you how to utilize the IBM InfoSphere Optim Solutions - Test Data Management, Data Privacy, and Data Growth for Archiving - for Distributed Platforms. You will learn how to create "right-sized" test data environments with the Test Data Management Solution; how to privatize confidential data with the Data Privacy Solution; and how to archive retired data with the Data Growth Solution.

This course focuses on the technical aspects of the Optim Solutions and is intended for technical audiences. You learn the basics of how the Solutions work through hands on exercises illustrating how the technology applies to business scenarios.

This course does not include information on how to install and configure the Optim technology.

If you are enrolling in a Self Paced Virtual Classroom or Web Based Training course, before you enroll, please review the **Self-Paced Virtual Classes and Web-Based Training Classes** on our Terms and Conditions page, as well as the system requirements, to ensure that your system meets the minimum requirements for this course.

Skills Gained

- Describe the available IBM InfoSphere Optim Solutions and how they fit into Enterprise Data Management
- Describe the IBM InfoSphere Optim architecture components
- Describe the function and contents of the Optim Directory
- Use the Optim Designer to build Optim services
- Use the embedded Optim Manager to run and manage Optim services
- Describe and utilize the components of an access definition
- Describe the process for generating and masking test data
- Generate, perform, and validate an extract process
- Utilize column maps and table maps
- Perform a convert process to mask data

- Perform and interpret a compare process
- Create database objects using embedded object definitions
- Populate destination tables using insert and load processes
- Edit and browse test data
- Utilize data privacy functions to privatize data
- Design, construct, and execute an archive process
- Use control files to check archive error conditions
- Design and execute delete processes
- Use the create utility with insert, restore, and load processes
- Perform a selective and a full restore process
- Utilize archive actions
- Maintain archive indexes
- Utilize archive file collections and open data manager (ODM)
- Create and utilize Optim primary keys and relationships
- Explain relationship traversal concepts
- Execute processes from the command line interface
- Retry and restart processes
- Execute the export and import Directory processes
- Describe functional, object, and file access security
- List Optim implementation best practices

Who Can Benefit

This is a basic usage course for application developers, business analysts, database administrators, and technical personnel that are involved in implementing IBM InfoSphere Optim Solutions.

Prerequisites

You should have:

- Working knowledge of Windows
- Basic understanding of relational databases
- Ability to construct basic SQL statements.

Course Details

Course Outline

- Introduction to IBM InfoSphere Optim Solutions
- Optim Directory and Common Elements
- Optim Designer and the Embedded Manager Overview
- Access Definitions and Table Specifications

- Introduction to Test Data Management
 - The Extract Process
 - Basic Masking Techniques
 - Validating Changes (Compare)
 - Creating Database Objects
 - Populating Destination Tables
 - Editing and Browsing Test Data
 - Special Privacy Functions
 - The Archive Process
 - The Delete Process
 - The Create Utility
 - The Insert Process
 - The Restore Process
 - More Archive Functions
 - Archive File Collections and Open Data Manager
 - Optim Primary Keys and Optim Relationships
 - Relationship Traversal Concepts
 - The Command Line Interface
 - Optim Utilities
 - Optim Security
 - Optim Implementation Best Practices
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