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## IBM InfoSphere DataStage Essentials (v11.5) - SPVC

**Code:** 2M204G-SPVC

**URL:** [View Online](#)

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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 enables the project administrators and ETL developers to acquire the skills necessary to develop parallel jobs in DataStage. The emphasis is on developers. Only administrative functions that are relevant to DataStage developers are fully discussed. Students will learn to create parallel jobs that access sequential and relational data and combine and transform the data using functions and other job components.

### Skills Gained

- Describe the uses of DataStage and the DataStage workflow
- Describe the Information Server architecture and how DataStage fits within it
- Describe the Information Server and DataStage deployment options
- Use the Information Server Web Console and the DataStage Administrator client to create DataStage users and to configure the DataStage environment
- Import and export DataStage objects to a file
- Import table definitions for sequential files and relational tables
- Design, compile, run, and monitor DataStage parallel jobs
- Design jobs that read and write to sequential files
- Describe the DataStage parallel processing architecture
- Design jobs that combine data using joins and lookups
- Design jobs that sort and aggregate data
- Implement complex business logic using the DataStage Transformer stage
- Debug DataStage jobs using the DataStage PX Debugger

### Who Can Benefit

- Project Administrators and ETL Developers responsible for data extraction and transformation using DataStage

# Prerequisites

- Basic knowledge of Windows operating system
- Familiarity with database access techniques

## Course Details

### Course Outline

1. Introduction to DataStage2. Deployment3. DataStage Administration4. Work with Metadata5. Create Parallel Jobs6. Access Sequential Data7. Partitioning and Collecting Algorithms8. Combine Data9. Group Processing Stages10. Transformer Stage11. Repository Functions12. Work with Relational Data13. Control Jobs

## Follow-on Courses

Browse the suggested follow-on courses below and continue your training journey. We offer training in various learning formats, from instructor-led to virtual, so you can choose what works best for you. Get started by selecting a course to learn more.

### **InfoSphere - IBM InfoSphere Advanced DataStage - Parallel Framework v11.5 SPVC**

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### **InfoSphere - IBM InfoSphere DataStage v11.5 - Advanced Data Processing - SPVC**

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