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IBM InfoSphere DataStage Essentials V11.3

Information

Length: 4.0 Days
Ref: KM203G-X
Delivery method: Classroom
Price: EUR

Overview

This course is designed to introduce ETL developers to DataStage 11.3.

Public

This is a basic course for project administrators and ETL developers responsible for data extraction and transformation using DataStage.

Prerequisites

You should have basic knowledge of the Windows operating system **and** some familiarity with database access techniques.

Objective

- 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
- Read and write to database tables using DataStage ODBC and DB2 Connector stages

- Work with the Repository functions such as search and impact analysis
- Build job sequences that control batches of jobs

Topics

- Unit 01: Introduction to DataStage
- Unit 02: Deployment
- Unit 03: DataStage Administration
- Unit 04: Working With Metadata
- Unit 05: Creating Parallel Jobs
- Unit 06: Accessing Sequential Data
- Unit 07: Partitioning and Collecting
- Unit 08: Combining Data
- Unit 09: Group Processing Stages
- Unit 10: Transformer Stage
- Unit 11: Repository Functions
- Unit 12: Working with Relational Data
- Unit 13: Job Control