IBM InfoSphere DataStage Essentials (v11.5)

Course#:KM204G
Duration:4 Days
Price:3950.00

Course Description

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.

Learning Journeys that reference this course:

IBM Information Server - Developer

Objectives

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

Audience

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

Content

1. Introduction to DataStage

2. Deployment

3. DataStage Administration

4. Work with Metadata

5. Create Parallel Jobs

6. Access Sequential Data

7. Partitioning and Collecting Algorithms

8. Combine Data

9. Group Processing Stages

10. Transformer Stage

11. Repository Functions

12. Work with Relational Data

13. Control Jobs