

IBM InfoSphere DataStage Essentials 9.1 (KM202)

Modality: Virtual Classroom

Duration: 4 Days

About this Course:

This course is designed to provide users with a comprehensive understanding of Data Stage, its uses and its work flow. This course will also go into the details of Information Server architecture and the role of Data stage in Information Server architecture. Following a brief overview, the course will delve into the details of Data stage such as deployment options. The participants will be taught how to configure the Data Stage environment. Moreover, students will be trained to utilize Data Stage Administrator client and the Information Server Web Console to build Data stage users .

Course Objectives:

By the end of this course, the students should be have learnt the following skills and be able to

- Acquire the skill to import table definitions for relational tables and sequential files
- Acquire the skill to Import and export Data Stage objects to a file
- Create jobs which are able to read and write to sequential files.
- Know how to design, compile, run and monitor parallel jobs
- Learn how to Design jobs that use lookups and joins to combine data
- Define and demonstrate the parallel processing architecture of Data Stage
- Learn how to create jobs that are able to aggregate and sort data
- Learn the skill needed to debug Data Stage jobs via the Data Stage PX Debugger
- Learn how to effectively use the Data stage Transformer stage to execute complex business logic
- Know how to use the repository functions such as search and impact analysis.
- Learn how to manage and control individual batches of jobs by creating job sequences.
- Gain a comprehensive understanding of the usage of Data stage, First track and Meta data workbench.
- Learn how to use data stage DB2 and ODBC Connector stages to read and write to database tables.

Audience:

This course is designed to train developers and project administrators to carry out data extractions and transformations through a basic comprehensive understanding of Data Stage to ETL.

Prerequisites:

The following prerequisites are an absolute requirement for attending this course.

- Comprehensive knowledge of the basics of Windows OS
- A basic knowledge of database access techniques.

Course Outline:

- Unit 1 - Introduction to DataStage
- Unit 2 - Deployment
- Unit 3 - DataStage Administration
- Unit 4 - Working with Metadata
- Unit 5 - Creating Parallel Jobs
- Unit 6 - Accessing Sequential Data
- Unit 7 - Partitioning and Collecting
- Unit 8 - Combining Data
- Unit 9 - Group Processing Stages
- Unit 10 - Transformer Stage
- Unit 11 - Repository Functions
- Unit 12 - Working with Relational Data
- Unit 13 - Job Control
- Unit 14 - Intersecting with Other Information Server Products

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