

Datastage - Version 8.0.1

48 Hours

Data Warehouse Fundamentals:

- Introduction to Data Warehousing
- Purpose of Data Warehouse
- Data Warehouse Architecture
- Operational Data Store
- OLTP Vs Warehouse Applications
- Data Warehouse Life cycle
- Data Modeling
- Introduction to Data Modeling
- Logical Modeling
- Physical Modeling
- Multi Dimensional Modeling
- ETL Design Process - Types of ETL Tools

Introduction to Datastage

- Datastage introduction
- History and features
- IBM information Server architecture
- 7.5X2 & Enhancements
- DataStage components
- DS Client components
- DS Sever components

Datastage Designer

- Introduction to Datastage Designer
- Importance of Parallelism
- Pipeline Parallelism
- Partition Parallelism
- Partitioning and collecting
- Partition techniques
- Datastage Repository Palette
- Passive and Active stages
- Job design overview
- Designer work area
- Annotations
- Creating jobs
- Importing flat file definitions
- Managing the Metadata environment

- Dataset management
- Deletion of Dataset
- Routines
- Arguments

Different Types of Stages

- Database Stages
- File Stages
- Processing Stages
- Debug Stages
- Real Time Stages
- Containers

Job Sequencers

- Arrange job activities in Sequencer
- Triggers in Sequencer
- Restability
- Recoverability
- Notification activity
- Terminator activity
- Wait for file activity
- Start Look activity
- Execute Command activity
- Nested Condition activity
- Exception handling activity
- User Variable activity
- End Loop activity
- Adding Checkpoints

Datastage Administrator

- Datastage project Administration
- Editing projects and Adding Projects
- Deleting projects Cleansing up project files
- Global variable setting
- Environment management
- Runtime Column Propagation (RCP)
- Add checkpoints for sequencer
- System formats like data, timestamp
- Project protect
- Version details

Datastage Director

- Introduction to Datastage Director
- Validating Datastage Jobs
- Executing Datastage jobs
- Job execution status
- Monitoring a job
- Job log view
- Job scheduling
- Creating Batches
- Scheduling batches

DataStage Information Analyzer

DataStage Web Console

Performance Tuning Tips

- Important Environment Variables
- Techniques for Parallel job development
- Job parameters
- Job Score

Project

- ETL Project Team & Roles and Responsibilities
- Understand mapping documents
- Naming conventions for jobs, links, and stages

Project Explanation