

Informatica 9.6.1 Course Structure

Introduction

- Introduction to ETL
- ETL - Process
- Introduction to Informatica Powercenter
- Pwercenter Architecture
- Overview of Informatica Components

Informatica Design Process, Open Database Connectivity (ODBC)

- Configuring Informatica Client Tools
- Overview of the Databases
- Informatica Design Process
- Source Analyzer
- Relational Source
- Open Database Connectivity (ODBC)
- Target Designer
- Relational Target

Design Mapping, Transformation

- Mapping

- Transformations
- Source Qualifier Transformation
- Expression Transformation

Session , Workflow, Relational Connections, Workflow Monitor

- Workflow Manager Client Tool
- Task Developer
- Workflow Designer
- Connections
- Workflow Monitor- Session Log File

Execution Process, Source Qualifier – Join, Filter

- Execution Process

PowerCenter Components and User Interface

- Introduction to Informatica
- PowerCenter Architecture
- Overview of Informatica Components
- Source Qualifier Transformation – Join, Filter

Source - Flat File, Join – Two Flat Files

- Source – Flat File
- Joiner Transformation

- Joiner Transformation - Join Type's –(a. Normal Join, b. Master Outer Join, c. Detail Outer Join, d. Full Outer Join)

Joiner, Types of Joins, Union

- Union Transformation

Multiple Targets - Filter, Router, Normalizer

Single Row into Multiple Rows - Normalizer, Aggregator

- Normalizer Transformation
- Aggregator Transformation

Aggregator, Sorter, Rank, Update Strategy

- Performance Tunning - Aggregator Transformation
- Sorter Transformation
- Rank Transformation
- Update Strategy Transformation

Sequence Generator, Stored Procedure, Active & Passive Transformations, Connected & Unconnected Transformations

- Sequence Generator Transformation
- Stored Procedure Transformation
- Active and Passive Transformations

- Connected and Unconnected Transformations
- Expression Transformation

Lookup, Debugger

- Lookup Transformation
- Debugging Mapping
- Lookup Transformation, Router, Update Strategy Transformations

Advance Topics

- **Dynamic Lookup Cache**
- **Unconnected Lookup Transformation**
- **Constraint Based Load Ordering**
- **Session Failed**
- **Incremental Loading – Mapping Variable**

CASE STUDY

Implementation Methodology

- Implementation Process of an Data Warehouse / Data Mart Project
- Development / Testing / Production Environment

Staging, Dimension Load

Dimension – Load - SCD Type 1

Dimension – Load - SCD Type 3

Dimension – Load – SCD Type 2

- Using Flag
- Using Version
- Using Datetime

Staging, Dimension , Sequential / Parallel – Load Fact Load, Time Dimension, Surrogate Keys

Loading Strategy

Reusable Transformation, Mapplet

Assignment Task,Raise event, Command Task, Email Task, Worklets and Other Tasks

- Command Task, Email Task
- Worklets
- Link Conditions
- Event Raise, Event Wait
- Workflow Scheduler