



Informatica Developer Track

Course Description:

This training program is designed to prepare the students for Informatica 10x ETL Developer. This Informatica PowerCenter Advanced Boot Camp for Developers 10x course teaches advanced mapping techniques and performance tuning and provides a thorough review of session partitioning features found in PowerCenter version 10x. After completion of this course you are equipped with skills needed for Informatica development, Administration and trouble shooting

Student Take away

- Study Material
- Learning stuff
- Sample project for practice

Introduction and Getting started with PowerCenter

- Data Warehousing Concepts
- Data Warehouse
- Data Mart
- OLAP VS OLTP
- Data Warehouse Architecture (Basic)
- Data Warehouse Architecture (with a Staging Area)
- Dimensional Modeling
- Star Schema
- Snowflake Schema
- Dimension
- Fact
- Slowly Changing Dimension (Type 1, 2 and 3)
- Hierarchy
- Confirmed Dimension
- Fact less Fact Table
- Summary / Aggregations table
- Change Data capture

PowerCenter Components

- Designer
- Repository Manager
- Workflow Manager
- Workflow Monitor

Informatica Concepts and Overview

- Informatica Architecture

- Source Qualifier
- Target Designer
- Transformations
- Mappings
- Mapplets
- Sessions
- Tasks

Sources

- Working with relational Sources
- Working with Flat Files

Targets

- Working with Relational Targets
- Working with Flat file Targets

Transformations

- Expression Transformation
- Lookup Transformation
- Sequence Generator Transformation
- Filter Transformation
- Joiner Transformation
- Sorter Transformation
- Procedural Transformation
- Router Transformation
- Aggregator Transformation
- Update Strategy Transformation
- Union Transformation
- Rank Transformation
- Transaction Control Transformation
- Normalizer Transformation
- Source Qualifier Transformation
- Stored Procedure Transformation
- XML Source Qualifier Transformation
- Debugging Mappings

PowerCenter Transformation Language

- Numeric functions
- String Functions
- Date Functions
- Conversion Functions
- Cleansing Functions
- Aggregate Functions
- User Defined Functions

Advanced Informatica Concepts

- Unconnected lookup Transformation
- Unconnected Stored Procedure to Create and Drop Index

- Mapplets and Types of Mapplets
- Defining Reusable Transformations
- User Defined Functions
- Tasks and Types of Tasks
- Work let and Types of Worklets
- Scheduling Work flow
- Constraint Based Load Ordering
- Target Load Plan
- Types of Batch Processing
- Link conditions
- Mapping Parameters
- Mapping Variables
- Defining Session Parameters
- Session Recovery
- Difference between Normal and Bulk Loading
- Push Down Optimization
- PMCMD Utility
- PMREP Utility
- Incremental Aggregation

Types of Look up Caches

- Static Look up Cache
- Dynamic Look up Cache
- Persistence lookup Cache
- Shared Look up Cache
- Sorter and Rank Cache

Task Types

- Session
- Command
- E-mail
- Timer
- Event Wait
- Event Raise
- Decision
- Assignment
- Control
- Work let

Introduction about Informatica Developer tool (Basic Knowledge)

- Understanding Data Objects
- Profiling on Source data
- Parsing Data
- Standardizing Data
- Validating Address data

Class Delivery

- Live Interactive classes with expert