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Raj's Informatica 10.2 Real-time Job Based Training

Trainer Name: RAJ (Nataraj)

Exp: 12+ years

Location: Bangalore (Currently working on Informatica)

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Course Description: This training program is designed to prepare the candidates for Informatica 10.2 ETL Developer. This Informatica PowerCenter Job based Training for Developers 10.2 course teaches advanced mapping techniques and performance tuning, and provides a thorough review of Versioning Concepts found in PowerCenter version 10.2. After completion of this course, you are equipped with skills needed for Informatica development, Realtime hands on Informatica Development.

How this training is different than others??

Informatica 10.2 Hands on Explanation and Practice

Practice and Realtime Explanation

- Day to Day Explanation on Real-time Mappings/workflows
- For each topic, mapping document (Business Requirement) will be created and informatica mapping will create on live session based on the mapping document.
- All Doubts will clear on live sessions.
- Interview questions on each topic will be covered on daily basis and provided to the candidate
- 40+ Realtime Mappings will cover with Explanation and implementation.
- Daily Practice at Home
- Oracle and UNIX Topics covered
- Realtime Project work Explanation
- Realtime Project Document Explanation
- Resume building on informatica
- Informatica Cloud IICS-IDMC Basics.
- Interview questions and Tips

Course Duration: 70 Hours to 80 Hours (30 to 35 days)

Software Installation: Oracle Database 11g Express Edition, Informatica 10.2 Server and Client Components, SQL Server

Take Away: PDFs on daily basis will Sample Data Model and sample case study

Class Delivery: On-Line (Interactive LIVE Web Based) - ZOOM



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Oracle SQL

- What is Schema and How to create Schema
- SQL Commands (DDL, DML, TCL and DQL)
- Where, IN, Between, Exists, Operators, Case and Decode
- Null, Not Null, NVL ()
- Order by, ASC, DESC
- Group Functions, Group by, Having
- Constrains in oracle (Not null, Primary Key, Unique Key, Foreign Key and Check)
- Joins in Oracle (Inner join, Non-Equi Join, Self-Join, Outer joins, Cross Join)
- Complex Join Statements.
- Set Operators in Oracle (Union, Union All, Intersect and Minus)
- Pseudo columns in Oracle (Rownum , Rowid)
- Analytical Functions (Rank, Dense Rank)
- Inline Views, Correlated Sub queries
- Views, Indexes.

ETL & Informatica

- **DWH Concepts**
- ETL Overview
- Informatica Overview
- Components of Informatica

Repository Manager

- What is Repository?
- Configuring the Domains
- Types of Repositories in Real Time
- Creation of Folders

Informatica Designer

- Overview and Usage
- Tools available in Designer
- Source Analyzer
- Creating Sources
- Generating/Executing SQL
- Types of Sources
- Warehouse Designer
- Creating Targets
- Types of Targets
- Transformation Developer
- Transformation Introduction
- Creating Transformations
- Functions/Constants/Dates/Variables
- Mapping Designer
- Creating Mappings
- Maplet Designer
- Creating Maplets



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Transformations (Basics)

- Source Qualifier
- Expression
- Filter
- Router
- **Connected / Un connected and Dynamic Lookup**
- Lookup Caches
- Rank
- Sorter
- Aggregator
- Joiner
- Sequence Generator
- Union Transformation
- Update Strategy

Transformations (Advanced)

- Transaction Control
 - Normalizer
 - XML Source Qualifier
 - XML Generator
 - SQL transformation
 - Java Transformation
 - Reusable Transformations
 - Mapplets
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Reusable Objects

- Reusable Transformations
- Mapplets
- Worklets

Advanced Topics

- SCD Type -1 Mapping using Statis Lookup
- SCD Type -2 Mapping
- SCD TYPE -1 Using Dynamic Lookup
- Fact loading
- Mapping variables and Parameters (Real time Explanation)
- **Incremental Loading (Real time Explanation)**
- Versioning (Real time Explanation)
- Different repositories used in real time. (Detailed explanation about DEV / QA /Prod Repositories)
- **Mini Project - End to End explanation and Practice with Several Sources From Source to Stage, Stage to Dimensions And Dimension to Fact Using Incremental Load, SCD Type-2 and Parameterization.**
- Copying Objects
- Importing and Exporting Objects
- Performance Tuning
- Bottlenecks
- Parameter Files (Real time Explanation)
- Dynamic Target File Generation

Workflow Manager

- Manager Overview
- Source and Target Connection
- Flat File
- ODBC
- Tasks

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- Types of Tasks
- Command Task
- Event Wait
- Event Raise
- Timer
- Assignment
- Decision
- Email
- Control

Sessions and Workflows

- Creating Sessions
- Reusable Sessions
- Creating Workflows

Workflow Monitor

- Monitor Overview
 - Workflow Monitor Views
 - Running and Monitoring Workflows
 - Scheduling
 - Workflow and Session Logs
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