

INFORMATICA POWER CENTER (ETL) TRAINING PLAN

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1. Data Warehousing Concepts:

- ✓ Data Warehouse
- ✓ Data Mart
- ✓ OLAP VS OLTP
- ✓ Data Warehouse Architecture
- ✓ Dimensional Modeling
- ✓ Star Schema
- ✓ Snowflake Schema
- ✓ Dimension
- ✓ Fact
- ✓ Slowly Changing Dimension (Type1, Type 2 & Type 3)

2. Installation of Informatica Power Center 9.1

3. Power Center Components

- ✓ Designer
- ✓ Repository Manager
- ✓ Workflow Manager
- ✓ Workflow Monitor

4. Informatica Concepts and Overview

- ✓ Informatica Architecture.
- ✓ Source Qualifier
- ✓ Target Designer
- ✓ Transformations
- ✓ Mappings
- ✓ Mapplets
- ✓ Sessions
- ✓ Tasks

5. Sources

- ✓ Working with relational Sources
- ✓ Working with Flat Files

6. Targets

- ✓ Working with Relational Targets
- ✓ Working with Flat file Targets

7. Transformations

- ✓ Source Qualifier Transformation
- ✓ Expression Transformation
- ✓ Lookup Transformation
- ✓ Sequence Generator Transformation
- ✓ Filter Transformation
- ✓ Joiner Transformation
- ✓ Sorter Transformation
- ✓ Router Transformation
- ✓ Aggregator Transformation
- ✓ Update Strategy Transformation
- ✓ Union Transformation
- ✓ Rank Transformation
- ✓ Normalizer Transformation
- ✓ Stored Procedure Transformation
- ✓ Transaction Control Transformation
- ✓ SQL Transformation

8. Power Center Transformation Language

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

9. ADVANCED INFORMATICA CONCEPTS

- ✓ Unconnected lookup Transformation
- ✓ Mapplet and Types of Mapplets
- ✓ Defining Reusable Transformations.
- ✓ Scheduling Work flow
- ✓ Target Load Plan
- ✓ Mapping Parameters
- ✓ Mapping Variables
- ✓ Difference Between Normal and Bulk Loading.
- ✓ Push Down Optimization.
- ✓ Indirect File load
- ✓ How to run workflow concurrently.
- ✓ Incremental Aggregation
- ✓ TYPES Of Lookup Caches.
 - ❖ Static Lookup Cache
 - ❖ Dynamic Lookup Cache
 - ❖ Persistence lookup Cache
- ✓ ETL Performance Optimization techniques
- ✓ **Debugging and Recovery**
- ✓ **Informatica Administration Console**

10. Deployment of objects from one repository to another repository.

- ✓ Deployment Groups
 - Types
 - Labels
 - Queries
- ✓ Copy Folders/ Objects
- ✓ Export each workflow to xml and import in another Environment.
- ✓ **Real time Deployment Process.**

11. Real time & Interview based practical scenarios