

# INFOSOFT IT SOLUTIONS

## Training | Projects | Placements

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## Informatica

### 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

### Power Center 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

### **Power Center 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
- Mapplet and Types of Mapplets
- Defining Reusable Transformations.
- User Defined Functions
- Tasks And Types of Tasks
- Worklet 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 LookUp Caches**

- Static LookUp Cache
- Dynamic LookUp Cache
- Persistence lookup Cache
- Shared LookUp Cache
- Sorter and Rank Cache

### **Task Types**

- Session
- Command
- EMAIL
- Timer
- Event Wait
- Event Raise

- Decision
- Assignment
- Control
- Worklet

### **ETL Testing**

- UNIT Testing
- System Integration testing
- PERFORMANCE TESTING
- ETL Performance Optimization techniques