



# Informatica Training Course Content

- Analytic SQL for Informatica
- Data Warehousing Concepts
- Informatica Power Center 9.5.1
- Unix Shell Scripting
- Business Intelligence

## **Datawarehousing Concepts**

- What is DWH?
- Characteristics of Data warehouse
- Difference between OLTP and DWH
- Architecture of DWH
- Various BI tools
- Types of DWH
- Types of Dimensional Data Modeling
- Surrogate key
- Types of Dimension

## **Informatica Architecture**

### **Informatica Power Center Client Tools**

- Repository Manager
- Manage Folders
- Designer
- Source Analyzer
- Target Designer
- Mapping Designer
- Workflow Manager
- Task Developer
- Workflow Designer

- Workflow Monitor
- Workflow Log
- Session Log
- Types of View

### **Transformation Basics**

- Classification
- Types of Ports
- Data Types

### **Types of Transformations**

#### **Source Qualifier Transformation**

- Creating Simple Pass through Mapping
- Apply Various Filter Conditions
- Specify sorted ports
- Eliminate Duplicate Values
- Creating Custom SQL Query
- Joining two or more tables

#### **Filter Transformation**

- Compare with Source Filter
- Types of Tracing Level
- Types of Flat files
- File Import Wizard
- Load data from Flat File to Database
- Load data from Database to Flat File

#### **Sorter Transformation**

- Types of Ports
- Multiple Sorting

#### **Joiner Transformation**

- Joining two heterogenous sources
- Types of Joins

- Sorted input option

### **Rank Transformation**

- Types of Ports
- Rank Index
- Rank and Dense rank

### **Sequence Generator**

- cycle option
- Usage of Reset

### **Expression Transformation**

- Use of Expression
- Usage of Variable Port
- IIF and Decode functions

### **Aggregator Transformation**

- Informatica aggregate functions
- Sorted input option

### **Router Transformation**

- Types of Groups
- Group Conditions

### **Union Transformation**

- Types of Groups

### **Normalizer Transformation**

- Types of Normalizer
- Transpose Columns to Rows
- Default Output Ports

### **Lookup Transformation**

- Connected Vs Unconnected Lookups

- Unconnected Procedure
- Lookup Caches

### **Stored Procedure Transformation**

- Create a Sample Procedure
- DBA Script

### **Update Strategy Transformation**

- Database operations
- Data Driven

### **Transaction control Transformation**

- Dynamic File Generation

### **Slowly Growing Dimension**

#### **Slowly changing Dimension**

- Type 1
- Type 2
- Type 3

### **Transformation Developer**

- Create a Reusable Transformation
- Promoting Transformations

### **Mapplet Designer**

- Create a reusable Mappings

### **Mapping Parameters**

- Design Parameter File

### **Mapping Variables**

- Set variables function

### **Session variables**

- Setting Connections
- Workflow variables

### **File Repository Concepts**

- Indirect loading

### **Target Load Plan**

- Types of scheduling
- Time-based schedule
- Event -based schedule

### **Mapping Migration Process**

- Copy from Folder
- Import and Export

GREENS TECHNOLOGYS



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