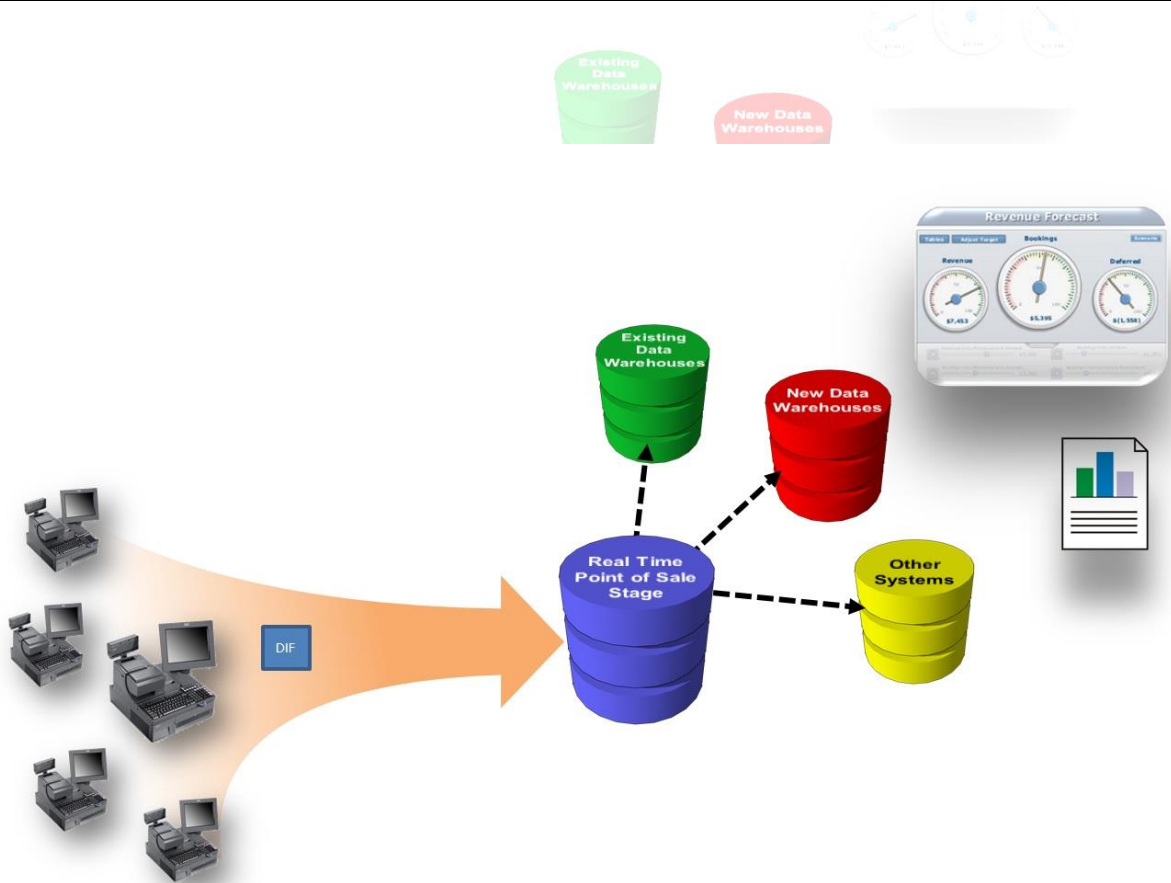


INFORMATICA[®]

Informatica Power Center 10.x Certification Training

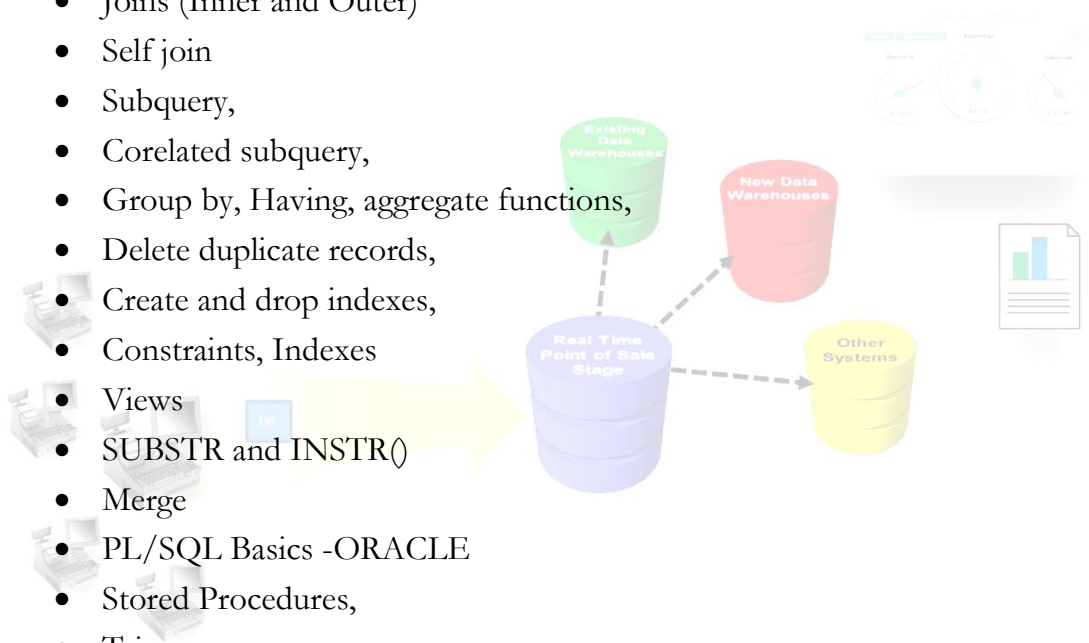


Informatica PowerCenter10.x Training Prerequisite

- | |
|------------------------------------|
| • Basics of Oracle DB |
| • SQL & PL/SQL |
| • Unix – Basics of Shell Scripting |

1. SQL – PL/SQL –Oracle

- DDL, DML, DCL (Select, Insert, Update, Delete, Rollback, Commit, Savepoint)
- Primary Key, Foreign Key relationship,
- Oracle commands and Functions used in Informatica.
- Joins (Inner and Outer)
- Self join
- Subquery,
- Corelated subquery,
- Group by, Having, aggregate functions,
- Delete duplicate records,
- Create and drop indexes,
- Constraints, Indexes
- Views
- SUBSTR and INSTR()
- Merge
- PL/SQL Basics -ORACLE
- Stored Procedures,
- Triggers
- Functions



2. Unix – Basics of Shell Scripting

- What is UNIX?
- Looking into files,
- Ownerships and Permissions
- Creating, Moving, Renaming, and Deleting Files and Directories
- Wildcards and Regular Expressions
- Move to Another Location with cd

- Change the Owner of a File or Directory
- Creating New Directories Using mkdir
- Moving, renaming files
- Head & Tail
- More and Cat
- Counting Words and Lines Using wc
- Filters and Piping
- Vi Editor
- Shell Programming
- Stream Editor – SED
- Grep
- Find
- Connecting DB through Unix
- Use of Unix in Informatica
- Informatica Workflow scheduling through Unix

3. Interview Preparation

- Scenario based questions discussion - Everyday
- FAQs
- Telephonic/ Face to Face interview preparation
- Live Project description / Architecture
- Doubt Sessions
- More than 500+ interview questions will be discussed during training sessions

4. Dataware Housing Fundamentals

- What is Database?
- What is Data Warehousing?
- Need of Data Warehouse
- Data Warehouse Architecture
- Introduction to OLTP, ETL and OLAP Systems
- Difference between OLTP Database and DWH
- ETL Fundamentals:
 - ❖ Data Extraction

- ❖ Data Transformation
- ❖ Data Loading
- Data Mart
- Metadata
- Star Schema
- Snow Flake Schema
- Galaxy Schema
- Facts
- Types of Facts
- Additive, Non-Additive, Semi-Additive Facts
- Dimensions
- Types of dimensions
- Conformed, degenerate, Junk Dimensions
- OLAP and Types of OLAPs

5. Introduction to Informatica

- Basic Definitions
- Informatica Products
- Informatica Architecture
- Tools and their roles
- Folders -sub Folders
- Power Center I Power Malt
- Introduction to Mapping designer
- Introduction to Workflow Manager
- Introduction to Workflow Monitor
- Introduction to Repository Manager



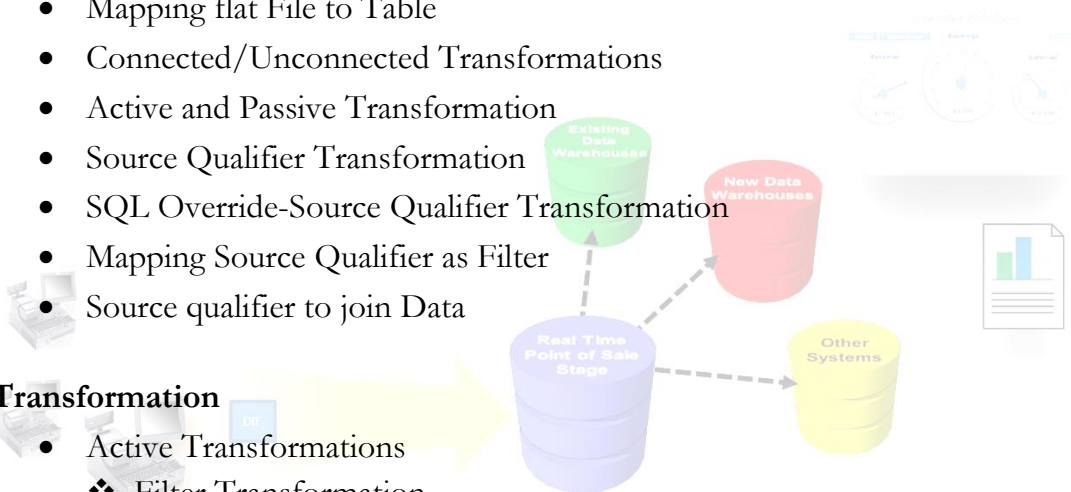
6. Informatica Designer -Introduction

- Designer interfaces
- Designer tools
- Defining Sources
- Database as a source
- Flat Files sources

- Defining Targets
- Importing from database
- Creating a new target
- Creating target database objects
- Mapping Introduction

7. Informatica Designer

- Source Qualifier
- Ports
- Mapping -Table to Table
- Mapping flat File to Table
- Connected/Unconnected Transformations
- Active and Passive Transformation
- Source Qualifier Transformation
- SQL Override-Source Qualifier Transformation
- Mapping Source Qualifier as Filter
- Source qualifier to join Data



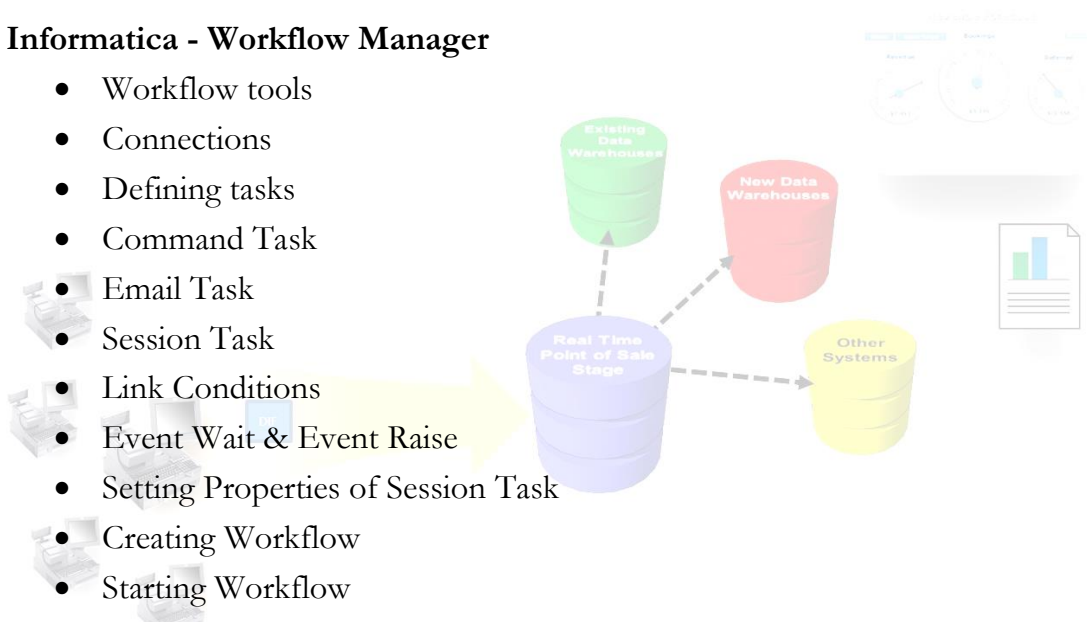
8. Transformation

- Active Transformations
 - ❖ Filter Transformation
 - ❖ Router Transformation
 - ❖ Aggregator Transformation
 - ❖ Joiner Transformation
 - ❖ Union Transformation
 - ❖ Sorter Transformation
 - ❖ Rank Transformation
 - ❖ Transaction Control Transformation
 - ❖ Update Strategy Transformation
 - ❖ Normalizer Transformation
 - ❖ Source Qualifier Transformation
 - ❖ SQL Transformation

- Passive Transformations
 - ❖ Expression Transformation
 - ❖ Sequence Generator Transformation
 - ❖ Stored Procedure Transformation
 - ❖ Look Up Transformation
 - ❖ Xml Source Qualifier Transformation
- Mapping Wizards
- Implementing Type-I, Type-II, Type-III
- Mappings
- Workflow Introduction

9. Informatica - Workflow Manager

- Workflow tools
- Connections
- Defining tasks
- Command Task
- Email Task
- Session Task
- Link Conditions
- Event Wait & Event Raise
- Setting Properties of Session Task
- Creating Workflow
- Starting Workflow
- Monitoring Workflow
- Incremental Aggregation



10. Informatica Advanced Features

- 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

