

## DW, INFORMATICA POWERCENTER 8.6.1

Brief Description: The course is prepared to meet the needs of Informatica learners and move on by teaching basic concepts together with sufficient hands-on examples.

### DATA WAREHOUSING CONCEPTS

3 hours

- Introduction to DWH, Characteristics of DWH ,OLTP vs OLAP Databases, Decision Support Systems, Architecture
- Data Cleansing ETL Concepts, OLAP, Approaches : Kimball V/s Inmon , Data Warehouse & Marts, Meta Data, Warehouse Modeling: Dimensions ,Facts, Conformed Dimensions, Detail , Data Granularity, Critical Cols and Surrogate Key , Star and Snow-flake schemas

### INFORMATICA POWER CENTER CONCEPTS

4 hours

- Informatica Power Center 8.6.1, Components, Understanding the Repository, Repository Service Architecture, Integration Service Architecture.
- Informatica Architecture, Configuration of Repository Server & Informatica Server, Reader DTM, Loader, Temp. Server, Demo on Basic ETL of PC-8.6.1.

### TRANSFORMATIONS

7 hours

- Transformations -1, Filter, Expression
- Transformations -2 Aggregator, Router, Joiner, Rank
- Transformation -3 Sorter, Lookup, update Strategy, Stored Procedure
- Transformation -4 Sequence Generator, Union, Normalizer.

### OLTP Sources

4 hours

- Connectivity b/w Informatica and Databases,
- Flat file, XML file, Access DB, Excel file, Sql Server DB
- Project-Building Warehouse

### ADVANCE INFORMATICA CONCEPTS

5 hours

- Repository Backup, User & Security Management, Permissions & Privileges, Mapplets, Mapping Parameters & Variables, Debugger, Advanced Work flow management: Scheduling Workflows, Creating Worklets, Event Based, File Wait, Workflows.

### SLOWLY CHANGING DIMENSION

4 hours

- Slowly changing Dimensions Type 1,2,3
- Practical Implementation of SCD.