

Informatica :- 20 days – 20 hrs

Data Warehousing Concepts

- Data ware housing (what is Data ware housing /Why Data ware housing/How Data ware housing)
- Slowly Changing Dimensions (SCD1, SCD2, SCD3)
- Metadata
- Dimensional Table
- Types of Dim Tables
- Fact Table
- Types of Fact Tables
- OLTP (Online Transaction Processing)
- OLAP (Online Analysis and Processing)
- OLTP Vs OLAP
- Advantages of OLAP
- Different Methodologies of DWH

PowerCenter Components and User Interface

- Informatica PowerCenter Architecture
- Informatica PowerCenter Client Tools
- Start Using of the Designer, Workflow Manager and Workflow Monitor

Source Qualifier

- Source Qualifier Transformation
- SQL override in source qualifier transformation
- Source qualifier transformation joins concept
- Source qualifier transformation on Relational Databases
- Source qualifier transformation on File systems
- Source qualifier transformation filter concepts
- Difference Between SQL Override, Other Options
- Source Qualifier Transformation Performance Tunning
- Pre SQL and Post in Source Qualifier Transformation

Expression, Filter, File Lists and Workflow Scheduler

- Expression Editor

- Filter Transformation
- File Lists
- Workflow Scheduler
- Lab – Load the Customer Staging Table and Real time issues

Joins, Features and Techniques I

- Joiner Transformation
- Shortcuts
- Lab A – Load Sales Transaction Staging Table
- Lab B – Features and Techniques I and Real time issues

Lookups and Reusable Transformations

- Lookup Transformation
- Reusable Transformations
- Lab A – Load Employee Staging Table
- Lab B – Load Date Staging Table and Real time issues

Debugger

- Debugging Mappings
- Lab – Using the Debugger

Sequence Generator

- Sequence Generator Transformation
- Lab – Load Date Dimension Table and Real time issues

Lookup Caching, More Features and Techniques

- Lookup Caching
- Lab A – Load Promotions Dimension Table
- Lab B – Features and Techniques II
- Review and more Lab Activities and Real time issues

Router, update Strategy and Overrides

- Router Transformation
- Update Strategy Transformation
- Expression Default Values
- Source Qualifier Override
- Target Override

- Session Task Mapping Overrides
- Lab – Load Employee Dimension Table and Real time issues

Dynamic Lookup and Error Logging

- Dynamic Lookup
- Error Logging
- Lab – Load Customer Dimension Table

Unconnected Lookup, Parameters and Variables

- Unconnected Lookup Transformation
- System Variables
- Mapping Parameters and Variables
- Lab – Load Sales Fact Table

Sorter, Aggregator and Self-Join

- Sorter Transformation
- Aggregator Transformation
- Active and Passive Transformations
- Data Concatenation
- Self-Join
- Lab – Reload the Employee Staging Table and Real time issues

SCD type1 – Hands-On LAB

SCD type2 – Hands-On LAB

SCD type3 – Hands-On LAB

Mapplets

- Mapplets
- Lab – Load Product Daily Aggregate Table
- Review and more Lab Activities and Real time issues

Workflow Variables and Tasks

- Link Conditions
- Workflow Variables
- Assignment Task
- Decision Task
- Email Task

- Lab – Load Product Weekly Aggregate Table

More Tasks and Re-usability

- Event Raise Task
- Event Wait Task
- Command Task
- Reusable Tasks
- Reusable Session Task
- Reusable Session Configuration

Worklets and More Tasks

- Worklets
- Timer Task
- Control Task