

## INFORMATICA COURSE CONTENT

### Session-1

- Introduction to Data Ware House
- Introduction to OLTP
- Difference between OLTP and DWH
- Dimension table
- Fact table
- Architecture of DWH
- Star schema
- Snowflake Schema
- Data mart
- Top down approach
- Bottom up approach
- ETL

### Session-2

- Types of ETL's
- Code based
- GUI based
- Introduction to Informatica
- Domain
- service
- Node
- Informatica Power Center 9.1/9.5
- Architecture of Informatica
- Repository
- Repository service
- Integration service
- Informatica server component
- Informatica client component

### Session-3

- Introduction to Admin tool
- Introduction to client tools
- Developer
- Workflow manager
- Workflow monitor
- Repository Manager
- Importing/creating source definition
- Importing/creating target definition
- creating Mapping
- Creating session

- creating workflow
- Executing the Workflow
- Monitoring the workflow
- Understanding session log

#### **Session-4**

- Working with Transformations ( Connected,unconnected,Active,Passive)
- Expression
- Filter
- Sorter

#### **Session-5**

- Aggregator
- Rank
- Seq generator
- Router

#### **Session-6**

- Union
- Update Strategy(Options in session level)
- Transaction control
- Working with flat files
- Normalizer

#### **Session-7**

- Source qualifier
- Joiner
- Look up

#### **Session-8**

- Stored Procedure
- SQL Transformation
- XML Source Qualifier

#### **Session-9**

- Variable port in Expression
- Working with variable port
- Multiple pipe lines in mapping
- Target load order
- Debugger
- File list
- Constraint based loading

#### **Session -10**

- SCD type -I
- SCD type \_II
- SCD type -III

**Session -11**

- Caches in loop up
- Dynamic lookup
- Persistent cache
- Shared cache
- named shared and un named shared cache
- Parameters and parameter file

**Session-12**

- variables
- using variables
- Performance tuning
- Tasks
- CMD task
- email task

**Session -13**

- Reusable transformation
- Reusable Mapplet
- Reusable session
- Reusable Worklet
- Link task
- Parallel load
- Sequential load
- First load and incremental load

**Session-14**

- Timer task
- control task
- event wait
- event raise
- decision task
- Assignment task

**Session -15**

- (use full in work environment)
- Code movement from Dev to production
- different methods for code movement
- Deployment groups
- Check in
- check out
- What is versioning
- Find checkouts

- dependencies
- Comparing previous versions

#### **Session-16**

- Partitions
- Pass through
- Round robin
- Hash key
- Hash user
- Key range
- DB

#### **Session-17**

- Restartability
- FAQ
- Resume preparation

