

Informatica PowerCenter Online Training

Unit: Informatica Introduction

- Overview
- Basic Definitions
- Informatica products
- Informatica Architecture
- Folders-Sub folders
- ETL Tools and their roles
- ETL information power center / Power mart

Unit2: Introduction to Data Warehousing

- Data warehousing (what is Data warehousing /Why Data warehousing/How Data warehousing)
- 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

Unit3: Configuration

- Informatica configuration
- Instigation Services
- ETL Folder
- ETL Job Filz

Unit4: Introduction to Informatica Designer

- Introduction to Designer
- Logon to Designer
- Designer interfaces
- Designer Tools
- Defining Sources
- Database as a source
- Flat File sources
- Defining Targets
- Importing from database
- Creating a new target
- Creating target database objects

Unit5: Transformation

- Aggregate Transformation
- Shorter Transformation
- Active and Passive Transformations
- How Sequencer work and Uses of Sequencer Transformation
- Filter Transformation
- Lookup transformation
- Connected lookup
- Unconnected lookup
- Joiner Transformation
- Filter Transformation
- Ranking Transformation
- Router Transformation
- Expression Transformation
- Sequence Generator Transformation
- Rank Transformation
- Stored Procedure Transformation(Connected and Unconnected)
- Union Transformation
- XML Transformation

Unit6: Mapping

- Mapping Introduction
- Ports
- Mapping – Table to Table
- Mapping Flat File to Table
- Mapping Wizards
- Implementing Type-I, Type-II, Type-III Mappings

Unit 7: 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 to join Data
- Source Qualifier Transformation Performance Tunning
- Pre SQL and Post in Source Qualifier Transformation

Unit8: Workflow Manager

- Workflow Introduction
- Tasks
- Workflow tools
- Connections
- Defining tasks
- Command Tasks
- Email Task
- Session Task
- Link Conditions

- Event Wait & Event Raise
- Setting Properties of Session Task
- Creating Workflow
- Starting Workflow
- Monitoring Workflow

Unit9: Informatica Advanced Features

- Incremental Aggregation
- Maplet Implementation
- Target Load Plan
- Constraint Based Loading
- Mapping Variable
- Session Parameters
- Link Conditions
- Reusable Transformation
- Task and Types of Tasks
- Work let and Types of work lets
- Scheduling Workflow
- Control flow using Command task and event wait task
- Incremental Loading