

# DATA VIEWS

+91 9990994288

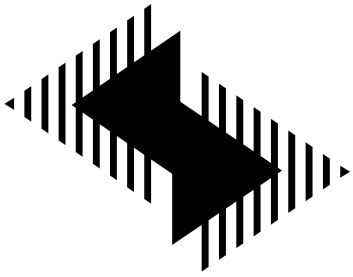
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## Data Warehousing Concepts

- Data Warehouse
- Data Mart
- OLAP VS OLTP
- Data Warehouse Architecture (Basic)
- Data Warehouse Architecture (with a Staging Area)
- Dimensional Modeling
- Star Schema
- Snowflake Schema
- Dimension
- Fact
- Slowly Changing Dimension (Type 1,2 and3)
- Hierarchy
- Confirmed Dimension
- Fact less Fact Table.
- Summary / Aggregations table
- Change Data capture

## Informatica Overview and Components

- Repository manager
- PowerCenter designer
- Workflow monitor
- Workflow manager



## Repository Manager

- Repository concept
- Configuring the Domains
- Types of Repositories in Real Time
- Creating folders

## PowerCenter Designer

### *Sources*

- Source Analyzer
- Creating Sources
- Types of Sources
- Working with relational Sources
- Working with Flat Files

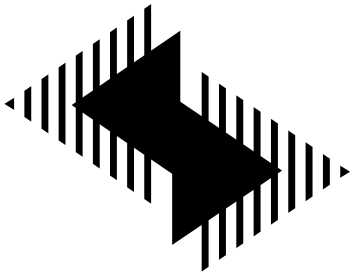
### *Targets*

- Creating Targets
- Types of Targets
- Generating/Executing SQL
- Working with Relational Targets
- Working with Flat file Targets

### *Transformations*

#### **Concepts**

- Active/Passive Transformations
- Connected/Unconnected Transformation
- Caching concepts
- Reusable Transformations



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## Types

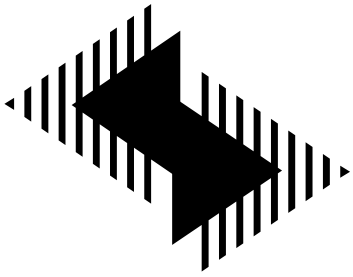
- Source Qualifier.
- Filter
- Router
- Expression
- Sorter
- Aggregator
- Rank
- Joiner
- Lookup
- Stored Procedure
- Sequence generator
- Union Transformation
- Update Strategy
- Transaction Control
- Normalizer

## Mapping

- Working with mappings
- Linking ports
- Creating Mappings
- Debugging Mappings

## Mapplets

- Mapplet and Types of Mapplets
- Reusable objects
- Worklet and Types of Worklets



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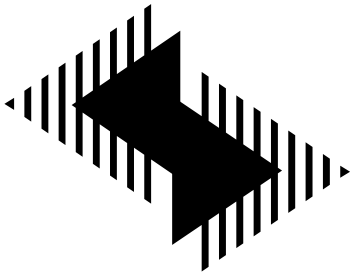
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## *Advanced Concepts*

- SCD Type -1 and Type-2 Mapping using Static Lookup
- SCD TYPE -1 Using Dynamic Lookup
- Fact loading
- Mapping parameters and variables
- Incremental Loading
- Versioning
- Different repositories (DEV / QA /Prod Repositories)
- Copying Objects
- Importing and Exporting Objects
- Performance Tuning
- Bottlenecks
- Parameter Files
- Dynamic Target File Generation

## **Workflow Manager**

- Manager Overview
- Source and Target Connection
- Flat File
- ODBC



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## *Tasks*

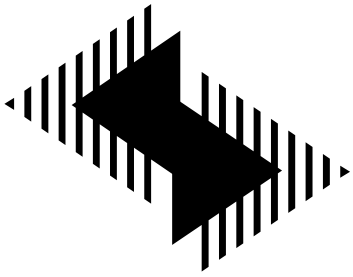
- Creating Tasks
- Command Task
- Event Wait Tasks
- Event Raise Tasks
- Timer task
- Control Tasks
- Decision Tasks
- Working with Assignments
- Email

## *Sessions and Workflow*

- Creating Sessions
- Reusable Sessions
- Creating Workflows
- Workflow links

## **Workflow Monitor**

- Monitor Overview
- Using workflow Monitor
- Running Tasks, Workflows or Worklets
- Scheduling Workflows
- Workflow and Session Logs
- Gantt Chart View and Task View



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## ETL Testing

- UNIT Testing
- System Integration testing
- PERFORMANCE TESTING
- ETL Performance Optimization techniques