

Day 1	
<b>1) DataWare House Fundamentals</b>	Introduction to Data Warehouse
	Evolution of Data Warehouse
	Difference between OLTP and OLAP
	Characteristics of Data Warehouse
	Data Warehouse Architecture
	Decision Support Systems
	Meta Data
	Data Warehouse & Marts
<b>2) Dimensional Modeling</b>	Facts and Dimensions
	Level, Hierarchy, Detail, Critical Columns, Surrogate Keys and Data Granularity
	Types of Facts: Fully additive, Semi additive, Non additive
	Fact less Fact
	Star and Snowflake Schemas
<b>3) Informatica Introduction and Architecture</b>	ETL Concepts
	Introduction to Informatica Power Center 8.X, New Features in PC 8.X
	Informatica Suite components
	Informatica Repository and Integration Service Architecture
	Demo on Basic ETL- Importing Source and Target Definitions, Design Mappings, Creating Sessions, Creating and Assigning Workflow connections, Creating and Executing workflows, Observe statistics from Workflow Monitor etc.
Day 2	
<b>4) Working with Informatica Power Center</b>	Working with OLTP Sources - Oracle, MS SQL Server, Excel, Access, Flat Files, XML
	Power Center Transformation overview - Active and Passive Transformations, Connected and Unconnected Transformations, Types of Transformation Ports
<b>5) Informatica Transformations - 1</b>	Filter, Expression, Router, Aggregator, Joiner
Day 3	
<b>6) Informatica Transformations - 2</b>	Lookup (connected and unconnected), Update Strategy, Rank, Sorter, Sequence Generator, Union, Normalizer, Stored Procedure (connected and unconnected), SQL
Day 4	
<b>7) SCD</b>	SCD - 1, 2 (flag, version, date range), 3 implementations
<b>8) Lookup Caches</b>	Static cache
	Dynamic cache
	Persistent cache
	SCD implementation using Dynamic cache
Day 5	
<b>9) Advance Informatica</b>	Maplets, Reusable Transformations
	Debugger
	Mapping Parameters and Mapping Variables
	Loading Types - Full load and Incremental loads
	Incremental Aggregation
	Error Handling
	Indirect File Loading
	Worklets, Scheduling Workflows
	Event based Workflows
	Workflow Tasks - Command, Email, Decision, Control, Timer
Command line Scripts	
Day 6 (Administration and Performance Tuning - Advanced) - Optional	
<b>10) Working with versionised and Global repository</b>	Check in
	Check out
	View History
	Switching versions
	Purge Versions
	Creating shortcuts
<b>11) Performance Tuning</b>	Identifying and removing Bottle necks
	Pipeline partitioning
<b>12) Administrations</b>	Backup and Restore
	User Management
	Folder Permissions
	Deployments (exports and imports)