



Noble Software Consulting IT Training

INFORMATICA 8.x COURSE OVERVIEW

This intensive course covers Informatica Power Center 8.x basics to advanced concepts in the core architecture of the product. Students will gain a clear understanding of the product and acquire the solid foundation needed to make them successful Informatica developers.

INFORMATICA 8.x COURSE OUTLINE- 30 HRS

Introduction & Overview

- Introduction to Informatica
- ETL versus ELT Architecture Introduction
- Product Overview, Architectural Overview
- Terminology Overview
- Designer Overview
- Workflow Manager Overview
- Workflow Monitor Overview
- Data Flow Diagram Process, Workflow Diagramming
- Basic Data Warehousing Architecture & Principles
- Best Practice Data Integration Rules To Live By
- Manages Users and Groups
- Manages Folders and Connections
- Installation and Configuration

Mapping Designer Environment

- Introduction to Sources and Targets
- Relational Table Import
- Flat File Import
- XML file Import
- Creating tables using Informatica
- Source Qualifier
- Building your first mapping
- Building your first workflow and session
- Trouble shooting connectivity issues (introductory)
- Transformation Overview: All Transformations

Workflow Manager and Objects

- Full overview of the Workflow Manager
- Workflow Objects (process objects)
- Session Objects
- Configuration Objects
- Database Connectivity
- Introduction to the debugger
- Introduction to Worklets
- Null Handling
- Designer Best Practices

Workflow Manager and Monitor Environments

- Web Service Configuration

- Workflow Properties
- Workflow Events
- Workflow Parameters & Variables
- Workflow Scheduling
- Concurrent and Sequential Sessions
- Links, Connectors and Email Task Objects
- Introduction to Partition Points
- Session Settings
- “Bad” data files, and session logs
- Worklets
- Workflow Monitor
- Debugger In-Depth

More Designer Principles

- Sources, Targets
- Pre & Post SQL
- Expressions
- Variables, Parameters, Variable Ports
- Informatica Functions
- Cache, Disk, and I/O functionality
- Datatype conversions
- Designer Features
- Active versus Passive transformations
- Common Informatica Transformation Objects
 - Filter

- Router
- Sorter
- Sequencer
- Aggregator
- Joiner

Advanced Designer Principles

- Lookups in Depth
- Update Transformation
- Normalizer
- Rank
- Maplets
- Reusable Transformations
- Performance tuning
- Slowly Changing Dimensions