Informatica PowerCenter v10.5x
Foundation Boot Camp for Developers

Course ID #: 0835-100-10.1-W
Hours: 28
Days: 4

Course Content

Course Description:

In this course, you will cover a solid Foundation to start the journey with the Informatica Platform. The foundation class teaches the fundamentals of the Informatica Data Integration (ETL) using PowerCenter 10.5x. The Boot Camp is delivered through a variety of lectures, demos, and numerous hands-on lab exercises that are the main driver of the boot camp. Students will gain a clear understanding of the product and acquire a solid foundation that will transform them into successful PowerCenter developers in 4 days! This foundation class will also propel them into other Informatica products like IDQ and IICS and more.

Prerequisites:

None.

Target Audience:

- Developers

Topics:

Lesson 1: Introduction
- Course Objectives
- Introduction to Informatica PowerCenter
- Components & Architecture
- Basic Concepts

Live Demo: creating and debugging a mapping

Lesson 2: Main Concepts
- Sources and Targets
- Mappings

Exercise #1: Source and Target Definitions, Simple Mapping

Lesson 3: Transformations: Expression, Aggregator & Filter
- Transformations Objects Overview
- Source Qualifier
- Expression Transformation
- Aggregator Transformation
- Filter Transformation

Exercise #2

Lesson 4: Working with the Designer
- Layout, Link Path, Auto link & Propagating Attributes
- Comparing Objects
- Working with Transformations

Lesson 5: Debugger
- Debugging process and strategies
- Discard Data Option
- Flow Control & Breakpoints
- Evaluate expressions

Lesson 6: Flat Files & Joiner Transformation
- Importing and editing flat file sources/targets
- Flat files: Fixed Width, Delimited
- Joiner Transformation

Exercise #3: Joining flat file and relational data

Lesson 7: Transformations: Lookup & Rank
- Lookup Transformation
- Stored Procedure Transformation
- Rank Transformation
- Using built-in functions

Exercise #4: Lookup and Rank Transformations

Lesson 8: Workflow Manager & Monitor
- Overview
- Creating a Workflow
- Session setup & Parameters
- Workflow Interface
- Gantt Chart View, Task View
- Controlling workflows and tasks
- Viewing logs & session properties

Lesson 9: Workflow Error Handling
- Overview in Sessions and Link Conditions

Exercise #5: Simple Workflow and Error Handling

Lesson 10: Local variables, Sorter & Router Transformations
- Overview
- Using local Variables: Interactive Demo
- Port evaluation
- Router Transformation

Exercise #6

Lesson 11: Parameters & Variables
- Overview
- Usage In Mappings, Sessions, and Workflows
- Integration Service Parameters

Exercise #7: Mapping Parameters and Variables

Lesson 12: Reusability: All Objects & Mapplets
- Reusable transformations
- Working with shortcuts
- Mapplets

Exercise #8: Mapplets

Lesson 13: UDF: User Defined Functions
- Overview
- Sharing UDFs

Lesson 14: Transformations: Union & Normalizer
- Union
- Normalizer

Exercise #9: Normalizer and User Defined Functions

Lesson 15: Slowly Changing Dimensions
- Overview of Type 1, 2, 3 & 6

Exercise #10: Type 1 – Slowly Changing Dimension

Lesson 16: Advanced Workflows & Tasks
- Overview, Scheduler & Reusability
- Wizards
- Email Task, Command Task, Decision Task, Timer Task
- Event Raise, Event Wait, Control Task
- Worklets

Exercise #11: Advanced Workflows

Register for this class by visiting us at:
www.tcworkshop.com or calling us at 800-639-3535