

INFORMATICA

INFORMATICA TRAINING INTRODUCTION:

This Training is one of the leading data integration software available in the IT market today. Online Training from Global Online Trainings aims to teach all its students the entire data warehousing concepts in the most industry compatible manner and with best level of comprehensiveness with the support of best online tutorials and expert teaching quality. If you are looking for building a rewarding career in Data warehousing and business Intelligence, you will find Global Online Trainings conducted Informatica Training is one of the best!

Informatica Training Overview:

Join online Informatica 9.5 training for exploring your professional career with data warehousing platform! Call the helpdesk today for more detail! Informatica Online Training is an ETL tool, leverages the lean integration model.

Power Center is a powerful tool in designing Data Warehouses can move huge volumes of data more efficiently.

It provides native functionality for the export transform and loading of data. It has internal scheduler, Rapid prototyping and DATA PROFILING.

Informatica training teach how to integrate heterogeneous data sources and converting the raw data into useful information.

PowerCenter is a Data Integration engine that can perform high speed data Extraction, Transformation and Loading.

Its rich GUI based Integrated Development Environment allows rapid development with minimal code.

PowerCenter has an extensive transformation language and its code does not need to be compiled.

Using vibe virtual data machine underneath, PowerCenter allows universal data access. In other words, a mapping can be written to access one data store and can be modified to access another data store without affecting rest of the logic.

The Informatica Power Center course curriculum talks about configure the data governance tools, match server and workflows...etc.

Informatica 9.5 training deals with proper and exact information for well-organized data management for obstacle smooth operation of a Firm.

Online Informatica training is quiet popular in the era of modern times and younger ones interested in acquiring knowledge on concepts right from the fundamentals.

Developers can use Informatica to create, execute, as well as administer, monitor and schedule ETL processes and understand how these are used in data mining operations.

The course will also cover Installation & Configuration of Informatica PowerCenter 9.X and basic Administration Activities. Participants will also get to implement one project towards the end of the course.

With Enhanced Power Center 9.x analysing the queries and problems is easy Power Center 9.x Designer is useful to install mappings that enable extraction, modifications to data

Power Center assists Restoring, pattern, integration, association and beeline data.

Error handling is simple with Power Center mappings

Improved Workflow Manager installs and operates workflow to process sessions aggregated with mapping

Develop simple mappings and workflows to meet business needs

Power Center logs and debugger are helpful in fundamental trouble shooting.

Requirements for Informatica Training?

Basic SQL

Keen to learn most popular ETL tool in IT market

Who should go for this course?

The following professionals can go for this course :

Software Developers

Analytics Professionals

BI/ETL/DW Professionals

Mainframe developers and Architects

Individual Contributors in the field of Enterprise Business Intelligence

Pre-requisites to learn Informatica Training:

Pre-requisites for this course include knowledge of SQL and basic UNIX.

INFORMATICA 9.5 ONLINE TRAINING COURSE CONTENT:

- TOPIC 1: INTRODUCTION TO ETL.
- TOPIC 2: ENTERPRISES AND ARCHITECTURE OF ETL.
- TOPIC 3: INTRODUCTION TO INFORMATICA TRAINING.
- TOPIC 4: CONCEPTS INVOLVED IN INSTALLATION & CONFIGURATION OF INFORMATICA.
- TOPIC 5: CREATION & MANAGEMENT OF REPOSITORIES IN INFORMATICA TRAINING.
- TOPIC 6: DESIGNER.
- TOPIC 7: WORKFLOW MANAGER.

CONCEPTS FOR THE INFORMATION TRAINING:

- o Dataware housing.
- o Slowly Changing Dimensions (SCD1, SCD2, and SCD3).
- o Metadata.
- o Dimensional Table.
- o Types of Dim Tables.
- o Fact Table.
- o Types of Fact Tables.
- o OLTP (Online Transaction Processing).
- o OLAP (Online Analysis & Processing).
- o OLTP Vs OLAP.
- o Advantages of OLAP.
- o Different Methodologies of DWH.

POWER CENTER COMPONENTS & USER INTERFACE:

- o Informatica PowerCenter Architecture.
- o Informatica PowerCenter Client Tools.
- o Start Using of the Designer, Workflow Manager & Workflow Monitor.

SOURCE QUALIFIER:

- o Source Qualifier Transformation.
- o SQL override in source qualifier transformation.
- o Source qualifier transformation joins concept.
- o Source qualifier transformation on Relational Databases.
- o Source qualifier transformation on File systems.
- o Source qualifier transformation filter concepts.
- o Difference between SQL Override, Other Options.
- o Source Qualifier Transformation Performance Tuning.
- o szdzdPre SQL & Post in Source Qualifier Transformation.

EXPRESSION, FILTER, FILE LISTS & EXPRESSION SCHEDULER:

- o Expression Editor
- o Filter Transformation
- o File Lists
- o Workflow Scheduler
- o Lab – Load the Customer Staging Table & Real time issues

JOINS FEATURES & TECHNIQUES:

- o Joiner Transformation
- o Shortcuts
- o Load Sales Transaction Staging Table
- o Features & Techniques I & Real time issues

LOOKUPS & REUSABLE TRANSFORMATIONS:

- o Lookup Transformation
- o Reusable Transformations
- o Load Employee Staging Table
- o Load Date Staging Table & Real time issues

MAPPLETS:

- o Mapplets
- o Lab – Load Product Daily Aggregate Table
- o Review & more Lab Activities & Real time issues

MORE TASKS & RE-USABILITY:

- o Event Raise Task
- o Event Wait Task
- o Command Task
- o Reusable Tasks
- o Reusable Session Task
- o Reusable Session Configuration

DEBUGGER:

- o Debugging Mappings
- o Using the Debugger

SEQUENCE GENERATOR:

- o Sequence Generator Transformation
- o Load Date Dimension Table & Real time issues

LOOKUP CACHING, MORE FEATURES & TECHNIQUES:

- o Lookup Caching
- o Load Promotions Dimension Table
- o Lab B – Features & Techniques II
- o Review & more Lab Activities & Real time issues

ROUTER, UPDATE STRATEGY & OVERRIDES:

- o Router Transformation
- o Update Strategy Transformation
- o Expression Default Values
- o Source Qualifier Override
- o Target Override
- o Session Task Mapping Overrides
- o Lab – Load Employee Dimension Table & Real time issues

DYNAMIC LOOKUP & ERROR LOGGING:

- o Dynamic Lookup
- o Error Logging
- o Load Customer Dimension Table

UNCONNECTED LOOKUP, PARAMETERS & VARIABLES:

- o Unconnected Lookup Transformation
- o System Variables
- o Mapping Parameters & Variables
- o Lab – Load Sales Fact Table

SORTER, AGGREGATOR & SELF-JOIN:

- o Sorter Transformation
- o Aggregator Transformation
- o Active & Passive Transformations
- o Data Concatenation
- o Self-Join
- o Lab – Reload the Employee Staging Table & Real time issues

WORKFLOW VARIABLES & TASKS:

- o Link Conditions
- o Workflow Variables
- o Assignment Task
- o Decision Task
- o Email Task
- o Load Product Weekly Aggregate Table

WORKLETS & MORE TASKS:

- o Work lets
- o Timer Task
- o Control Task

What will you learn?

- Understand Basic Concepts of Data Warehouse
- Understand Various ETL Tools in Market and Why to Choose Informatica Training
- Idea of Real World ETL Projects
- Clear Understanding of Informatica Powercenter Architecture and Components
- Use of Informatica Powercenter ETL tool in real time project scenarios

- Perform Installation of Informatica Powercenter
- Understand Real Time Client-Server Architecture
- Understand Informatica ETL Developer Roles and Responsibilities
- Understand Informatica ETL Admin Roles and Responsibilities
- Use of various Transformation techniques like
 - (1) Expression
 - (2) Lookup
- Different types of lookup Caches • Sequence Generator • Filter • Joiner • Sorter • Rank • Router • Aggregator • Source Qualifier • Update Strategy • Normalizer • Union
- Understand and Implement Slowly Changing Dimensions – • SCD Type1 • SCD Type2 — Date, Flag and Version • SCD Type3
- Use Workflow Manger in Real time projects for • Creating Reusable tasks • Workflows, Worklets& Sessions • Tasks • Session • Decision task • Control Task • Event wait task • Timer task • Monitoring workflows and debugging errors
- Able to perform – 1. Indirect Loading 2.Constraint based load ordering 3.Target Load plan 4.Worklet, Mapplet, Reusable transformation 5.Migration –XML migration and Folder Copy. 6.Scheduling Workflow 7.Parameter and variables 8.XML Source, Target and Transformations
- Implement Performance Tuning using Informatica
- Perform Project – Case Study
- Interview Questions & Answers on Informatica Training

Informatica Training outline:

- Course Name: Informatica 9.5 Training course
- Duration of the Course : 30 Hours
- Training Mode: Online virtual classes and corporate
- Timings: According to Candidate feasibility
- System Access : will be provided
- Batch : Regular , weekends and fast track
- Trainees will get the soft copy material.

- Sessions will be conducted through WEBEX, GOTOMEETING OR SKYPE.
- Basic Requirements: Good Internet Speed, Headset
- Advantages for enrolling upon Global Online Trainings:
- We are one among the best online training institutes.
- We provide the best Training on Informatica Training with Materials.
- Our Trainers are subject matter experts with 10+ years' experience.
- Our trainer provides training with real time implementations.
- Candidate can choose the training timing according to his comfort.
- Candidate can also go for weekends or weekdays session.
- We do help in preparing resume and also help you out in interviews.
- We provide server for every particular course.
- We provide 24/7 support.

Course Objectives:

After the completion of the Informatica course at Global Online Trainings, you will be able to :

- Understand and identify different Informatica Training Products
- Describe Informatica PowerCenter architecture & its different components
- Use PowerCenter 9.x components to build Mappings, Tasks, Workflows
- Describe the basic and advanced features/functionalities of Informatica Training transformations
- Understand Workflow Task and job handling
- Describe Mapping Parameter and Variables
- Perform debugging, troubleshooting, error handling and recovery
- Learn to calculate cache requirement and implement session cache
- Execute performance tuning and Optimization
- Recognize and explain the functionalities of the Repository Manager tool.
- Identify how to handle services in the Administration Console
- Understand techniques of SCD, XML Processing, Partitioning, Constraint based loading and Incremental Aggregation

- Gain insight on ETL best practices using Informatica
- Global Team will solve any kind of issues regarding training, trainer or server within hours.

Why learn Informatica Training?

- Informatica provides the market's leading data integration platform. Tested on nearly 500,000 combinations of platforms and applications, the data integration platform inter operates with the broadest possible range of disparate standards, systems, and applications. This unbiased and universal view makes Informatica unique in today's market as a leader in the data integration platform. It also makes Informatica the ideal strategic platform for companies looking to solve data integration issues of any size and Understanding the introduction, interfaces and tools of designer, defining sources and targets and finally creating a new target & database objects in this module of Informatica training.