
At EDUCBA, it is a matter of pride to us to make job oriented hands on courses available to anyone, any time and anywhere.

Learn at a time and place, and pace that is of your choice.

Plan your study to suit your convenience and schedule.

Informatica Training

Email Contact: info@educba.com



EDUCBA



www.educba.com

Course Overview

In this Course you get to learn:

This Informatica training will help you learn Beginners and advanced Informatica, Teradata, Informatica and DAC, Informatica Powercenter 9.X.

Informatica is a full-fledged data integration solution as well as data management system. It performs various activities like data cleansing, data massaging, transforming and workflow scheduling.

Informatica Training Skills

We learn the following skills:

- Handling unstructured data: Knowing Informatica will help you massage varieties of data.
- Data Virtualization: create a data virtualization layer that hides and handles the complexity of accessing underlying data sources.
- Complex Event Processing: Skills of processing the complex events with real time alert and insights information to operate in efficient way.
- Ultra-messaging: Low latency messaging middleware products as

Course Features



Course Duration-47 + Hours



Number of Courses



Verifiable Certificates



Lifetime Access



Technical Excellence

About Informatica Training

Informatica is a data integration/ETL tool that gathers data from various sources and loads it into various targets. It's a tool that helps data to move from one place to another, without keeping anything to itself.

Informatica in actual refers to the Informatica PowerCenter tool for ETL. The various editions for the PowerCenter as mention below.

- Standard edition
- Advanced edition
- Premium edition

Informatica Training Course

This is a Bundle Course that includes complete in-depth Informatica Training Course combined into one Complete Course.

This Bundle perfectly meets the requisite of the industry and gives you a better chance of being hired as a Informatica Training Course professional.

1

Informatica - Beginners

Section 1. Introduction

Introduction to Informatica

Section 2. Getting Started

- Informatica Dataware Housing
- Data Mart in Informatica
- ETL Diagram
- Example of ETL
- More on Informatica

Section 3. Power Center Designer

- Power Center Designer in Informatica
- Power Center Workflow
- Power Center Monitor
- Power Center Repository
- OverView of Informatica

Section 4. Download and Install Informatica

- Download Java in Informatica
- Installation of Java File in Informatica
- Downloading Oracle For Informatica Server
- Downloading Sql Developer For Informatica Server
- Installation of SQL Developer
- Creating a Connection Between Sql Developer and Java
- Download and Install Informatica.

1

Informatica - Beginners

Section 5. Client and Server Installation

- Pre Installation of Informatica Server
- Server Installation of Informatica Server

Section 6. Example Solved

- Loading Data to Target
- Customer Table Demo
- Developing Mapping
- Transform Apply Logic
- Creating Workflow
- Loading Data by Transformation
- Creating Customer Details
- Creating Mapping
- Working with Function Concat
- Applying Transformation Logic
- Checking Valid Mapping
- Concatinating Names
- Overview in Expression Transformation

Section 7. RouterTransformation

- Concept of Router Transformation
- Using Router Transformation
- Applying Expression Transformation
- Router Transformation Demo
- Grouping in Router Transformation
- Creating Work Flows
- Analyzing in SQL Developer

1

Informatica - Beginners

Section 8. Filter Transformation

- Concept of Filter Transformation
- Comparing Router and Filter Transformation
- Loading Data in Target Table
- Validating Filter Properties
- Filter Transformation Demo

Section 9. Example Solved

- Loading Data to Target
- Customer Table Demo
- Developing Mapping
- Transform Apply Logic
- Creating Workflow
- Loading Data by Transformation
- Creating Customer Details
- Creating Mapping
- Working with Function Concat
- Applying Transformation Logic
- Checking Valid Mapping
- Concatinating Names
- Overview in Expression Transformation

Section 10. Router Transformation

- Tutorials on Router Transformation
- Comparison between Router and Filter
- Source and Source Qualifier
- Different Target Tables
- Loading Data for Target Tables
- Advantages of Router Transformation
- Advantages of Router Transformation Continues

1

Informatica - Beginners

Section 11. Aggregator Transformation

- Understanding Aggregator Transformation
- Scenario for Aggregator Transformation
- Functions for Aggregator Transformation
- Editing in Aggregator Transformation
- Working in Target Table
- Data from the Source File
- Truncating the Table

Section 12. Joiner Transformation

- Understanding the Joiner Transformation
- Different types of Joins
- Functions of Master Outerjoin
- Generating and Executing SQL
- Mapping the Codes for Targets
- Understanding Details Outer Join
- Workflow from Designer Window

Section 13. Learning Full Outerjoin

- Tutorials on Router Transformation
- Comparison between Router and Filter
- Source and Source Qualifier
- Different Target Tables
- Loading Data for Target Tables
- Advantages of Router Transformation
- Advantages of Router Transformation Continues

1

Informatica - Beginners

Section 14. Rank Transformation

- Concept of Rank Transformation
- Practical Example on Rank Transformation
- Defining Rank Properties
- Designing the Transformation Attributes
- Understanding the Sequence Transformation
- Creating Table and Loading Data

Section 15. Lookup Transformation

- Understanding the Joiner Transformation
- Different types of Joins
- Functions of Master Outerjoin
- Generating and Executing SQL
- Mapping the Codes for Targets
- Understanding Details Outer Join
- Workflow from Designer Window

2

Informatica- Advance

Section 1. Informatica Powercentre Advanced

- Introduction to Informatica Powercentre Advanced
- Union Transformation box
- Analyzing the Designer Pattern

Section 2. Workflow Objects

- Creating a Workflow
- Check in the Objects
- Checkout and Editing
- Comparing Objects and Export

Section 3. Normalization Transformation

- Introduction to Normalization Transformation
- CID and GK Value
- Student Score
- Workflow Normalizer
- Sequel Developer
- Mapping Designer
- What is Normalisation Transformation
- Sales Demo
- Normalizer Import Export

Section 4. Update Strategy

- Introduction to Update Strategy Transformation
- Options
- What is the Scenario
- Workflow
- Update the Record
- Source file Directory

Section 5. Stored Procedure Transformation

- Stored Procedure Transformation
- Connected Stored Procedure Transformation
- Source Table
- Target Table
- Dollar Target
- Unconnected Stored Procedure Transformation
- Unconnected Transformation Method

Section 6. Slowly Changing Dimensions

- Introduction to Slowly Changing Dimensions
- SCD Type
- Select Department Table
- Department Table Continue
- Updated Record
- Department Current Data
- Conclusion SCD

Section 7. SCD Type 2

- Slowly Changing Dimension Type 2
- Slowly Changing Dimension Type 2 Continue
- Generate Execute SQL
- Updated Location
- Max of Version
- Use Router Transformation
- Used to Filter Transformation
- SRC Table

Section 8. Stored Procedure Transformation

- Stored Procedure Transformation
- Connected Stored Procedure Transformation
- Source Table
- Target Table
- Dollar Target
- Unconnected Stored Procedure Transformation
- Unconnected Transformation Method

Section 9. Slowly Changing Dimensions

- Introduction to Slowly Changing Dimensions
- SCD Type
- Select Department Table
- Department Table Continue
- Updated Record
- Department Current Data
- Conclusion SCD

Section 10. SCD Type 2

- Slowly Changing Dimension Type 2
- Slowly Changing Dimension Type 2 Continue
- Generate Execute SQL
- Updated Location
- Max of Version
- Use Router Transformation
- Used to Filter Transformation
- SRC Table

2 Informatica-Advance

Section 11. SCD Type 2 Flag

- Introduction to Flag
- Flagging Demo
- Sequence Generator Transformation
- Passing the Serial Number
- SRC Flag Values
- Active Records

Section 12. SCD Type 3

- Slowly Changing Dimension Type 3
- Expression Transformation
- New records and Updated Records
- Introduction to Maplet
- Maplet Input and Maplet Output
- Employee Commission Data
- Parameter Variable

3

Informatica and DAC Training

Section 1. Types of transformations

- EXAMPLE_UPD_TF Part-1
- Update_Strategy_tf
- EXAMPLE_TC_TF
- Transactional_Control_transformation
- JOINER_TF
- UNION_TF
- NORMALIZER_TF_final
- AGGREGATOR_TF
- RANK_TF

Section 2 . Mapping Overview.

- Source_qualifier_transformation
- Mapping

Section 3. Introduction and Architecture of Informatica Powercenter

- Types of Transformations
- Target_Definition
- Working with flat files
- Working with Relational sources
- Source Definition Overview
- Monitor and Repository Manager
- Designer and workflow manager
- Powercenter client tool Introduction and others

3

Informatica and DAC Training

Section 7. Introduction to Data Warehouse

- Normalization
- DIMENSIONS AND FACTS
- INTRO TO DW

Section 8 . Workflows

- Workflow Intro
- workflow
- workflow connections
- session
- Types of Tasks
- Workflow Monitor Overview
- workflow and session log
- Debugger

4

Teradata and Informatica

Section 1. Teradata Background

- Highly Non-Unique Primary Index Access and Hashing Technique continued
- Highly Non-Unique Primary Index Access and Hashing Technique
- Primary Index Access
- Primary Index Access continued
- Specifying Primary Index and Values continued
- Specifying Primary Index and Values
- PI Access and Mechanics (Primary Key and Index)and other

Section 2 . Teradata Basics

- Teradata Virtual storage
- Access Module Processor
- Teradata Advantages

Section 3. Introduction

- Introduction

Section 4.Unique & Non-Unique Secondary Index access

- Unique & Non-Unique Secondary Index access
- Non-Unique Secondary Index Access
- Full Table Scans

Section 5 . System Architecture

- System Architecture - SMP and MPP Systems

Section 6 . Systems and BYNET

- Systems and BYNET

4

Teradata and Informatica

Section 7. Systems and BYNET

Systems and BYNET

Section 8 . Data Protection and RAID Technology

- Data Protection and RAID Technology
- Clique and Fallback

Section 9. Fallbacks clusters and locks

- Fallbacks clusters and locks

5 Informatica 9.6

Section 1. Introduction

- Introduction to Datawarehousing and ETL
- Introduction and Usage of PC Express of 9.6.1
- Look and feel of PC express 9.6.1
- Data Viewing And Profiling

Section 2. Mapping

- Mapping
- Create and run the mapping

Section 3. Workflow

- Workflow Introduction
- Create and deploy workflow

Section 4 . Introduction Of Transformation

- Introduction of Transformation

Section 5 . Expression Transformation

- Concat function
- Expression Transformation

Section 6 . Filter Transformation

- Filter Transformation

Section 7 . Router Transformation

- Router Transformation

Section 8 . Sorter Transformation

- Sorter

Section 9. Aggregator Transformation

- Use of Aggregator Transformation
- Recap of Aggregator Transformation

Section 10 . RANK Transformation

- RANK

Section 11. Unconnected Lookup

- Introduction of Lookup Transformation
- Creation of unconnected Lookup Transformation
- Recap of Unconnected Lookup Transformation

5

Informatica 9.6

Section 12. Connected Lookup

- Introduction of connected Lookup Transformation
- Recap of connected Lookup Transformation

Section 13. Joiner

- Introduction and creation of joiner Transformation
- Recap of Joiner Transformation

Section 14. Update Strategy

- Introduction to update strategy transformation
- Recap of update strategy transformation

Section 15. Recap of all Transformations

- Recap of all transformations

Section 16. Connection Explorer

- Creation database connection
- Expression concat Database

Section 17. Router Transformation using Database

- Router
- LOOKUP DATABASE
- FILTER DATABASE

6

Online Informatica Training: Beginners Informatica ETL Tools Guide

Section 1. Introduction

- Introduction And Glossary

Section 2 . Key Features, Components And Concepts

- Process Flow, Informatica - Key Features
- Informatica Architecture And Components

Section 3. Intergration Service

- Is Process And Load Balancer
- Dtm Process
- Repository Service
- Repository Manager

Section 4. Informatica Designer

- Informatica Designer

Section 5 . Workflow

- Workflow Manager And Connections
- Tasks
- Session And Workflow
- Workflow Monitor
- Reusable Objects

Section 1. Understanding Transformations

- Sorter Transformation & Lookup Introduction
- Joiner Conditions & Joiner Properties
- Joiner Transformation
- Aggregate Transformation
- Informatica Functions and Filter Transformation
- Expression Transformation
- Transformation and its types
- Lookup Properties
- Unconnected Lookup

Section 2. Informatica Power Center Fundamentals

- Target Analyzer
- Tasks and Worklets continued
- Source Analyzer
- Tasks and Worklets
- Mapping and Mapplets
- Powercenter Client
- Repository Server Features
- Powercenter Application
- Power center Components

Section 3 . Introduction


- Introduction

Section 4 .PC Architecture

- Stored Procedure & Transaction Control
- PC Architecture
- Powercenter Features

Section 5 .More Concepts

- Update Strategy
- Router and Sequence
- Sequence & Normalizer



Frequently Asked Questions

Why should I do this Informatica Training course?

This course is ideal for candidates who aspire to make their career in ETL and its related tools like Informatica and for the professional who deals with data integration, data management. Wherever ETL tasks are performed, Informatica plays a pivotal role. Hence if you in this kind of role, taking this course will help you grow technically.

Would this Informatica training help me in my career advancement?

No Doubt about that. Learn from this course about Informatica, get your hands dirty with your rigorous practice, and this will create golden opportunities for you. You will find yourself attracted towards Informatica, once you will start practicing. There is ample of things to explore and learn about Informatica in this training.



Customer Reviews

“

It was a great course!!! the videos are comprehensive. Examples are amply explained, about seventeen videos covering all the basic prerequisites to either learn or brush up on informatica. There are two other courses, i'm about to attend, would surely recommend educba!

Sameer Panda

“

”

Informatica 9.6.1 Comprehensive Course I learned a lot as I am from non-technical background and this course has a quality learning which I enjoyed a lot. As I want to go in IT industry where informatica has a bigger role it is kind of ETL tool extraction transform loading from this course I got to know about how to create and run mapping , deploy workflow, transformation –how to express it, lookup, joiner and router transformation using database.

Saurabh Sangwan

”

This was a good course for the beginner up to expert – was able to follow along in several parts .The training was split into a good size and easy to follow. Also found material very usable in small in a short period of time.
Would be nice to have a system to follow with as they work. Also like the selection of courses.

Carol Duffy



EDUCBA

Informatica Training

For Queries please contact:

Email : info@educba.com



www.educba.com