



## Informatica Powercenter

### **Description:**

The Informatica tool is a comprehensive data integration and management system. You will study how Informatica performs tasks such as data cleansing, data profiling, converting, and scheduling workflows from source to target in simple steps in this course.

### **Start Date:**

### **Doubt Clear Time:**

### **Course Time:**

### **Features:**

# Course material

# Course resources

# On demand recorded videos

# Practical exercises

# Quizzes

# Assignments

# Course completion certificate

### **What we learn:**

# Introduction to Informatica powercenter

# Architecture

# Architecture

# Mappings

# Workflows

# Load Data From Source to Target

# Load CSV file with Transformation

# Transformation

# Router Transformation

# Filter Transformation

# Aggregator Transformation

### **Requirements:**

# System with Internet Connection

# Interest to learn

# Dedication

### **Instructor:**

#### **Name:**

MD Imran

#### **Description:**

Working as Data Scientist with experience in solving real world

business problems across different domains.

## **>Introduction to Informatica**

### **powercenter:**

- >>Introduction to Informatica

- >>Why do we need Informatica

### **>Getting Started:**

- >>What is Data Warehouse

- >>What is ETL

- >>Why do we need ETL

### **>Architecture:**

- >>Informatica Architecture

- >>Informatica Domain

- >>PowerCenter Repository

- >>Domain Configuration

- >>Properties of the domain

- >>PowerCenter Client and server Connectivity

- >>Repository Service

- >>Integration Service

- >>Sources and Targets

- >>SQL Developer Installation

### **>Installation:**

>>Download Oracle Database 11g Express Edition

>>Download and Install Informatica

>>Which Files to select

>>Download status

>>Creating Informatica User

>>Installation of Informatica Continue Part 1

>>Installation of Informatica Continue Part 2

>>Installation of Informatica Continue Part 3

>>Installation of Informatica Continue Part 4

>>Installation of Informatica Continue Part 5

>>Installation of Informatica Continue Part 6

>>Installation of Informatica Continue Part 7

>>Installation of Informatica Continue Part 8

## **>Mappings:**

>>What is Mappings

>>Why do you need Mapping

>>Components of Mapping

## **>Workflows:**

>>What is Workflow

**>Load Data From Source to  
Target:**

- >>Set up For Project
- >>Dataset and Requirements
- >>Create Customer Table
- >>Create CustomerData Table
- >>Set up Source and Target
- >>Developing Mapping
- >>Creating Workflow Part 1
- >>Creating Workflow Part 2
- >>Creating Workflow Part 3
- >Load CSV file with Transformation:**

- >>Dataset and Requirements
- >>Set up Source and Target
- >>Adding Expression transformation
- >>Concat Function
- >>Applying Transformation Logic
- >>Different ways of Concatenating
- >>How to Create Local Variable
- >>Overview

**>Transformation:**

- >>What is Transformations

>>Classification of Transformation

>>List of Transformations in Informatica

### **>Router Transformation:**

>>What is Router Transformation

>>Dataset and Requirements

>>Creating Target Tables

>>Set up Source and Target

>>Applying Expression Transformation

>>Applying Router Transformation

>>Creating Workflows

>>Default Group Part 1

>>Default Group Part 2

### **>Filter Transformation:**

>>What is Filter Transformation

>>Dataset and Requirements

>>Creating Target Table

>>Create Mapping

>>Filter Transformation output

>>Difference between Router and Filter Transformation

>>Router and Filter Transformation

>>Advantages of Router Transformation over Filter Transformation

### **>Aggregator Transformation:**

>>What is Aggregator Transformation

>>Aggregator Properties

>>Aggregator Result

### **>Joiner Transformation:**

>>What is Joiner Transformation

>>Dataset and Requirements

>>Master\_outer\_Join

>>Result

>>Detail\_outer\_join

>>Detail\_outer\_join Result

>>Normal and Full outer join

### **>Rank Transformation:**

>>What is Rank Transformation

>>Rank Transformation Demo