

# Informatica Powercenter

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.

**This course is a part of Tech Neuron**

## What you'll learn

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### Introduction to Informatica powercenter

Introduction to Informatica  
Why do we need Informatica

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### Getting Started

What is Data Warehouse  
What is ETL  
Why do we need ETL

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### 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

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### 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

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## **Mappings**

What is Mappings  
Why do you need Mapping  
Components of Mapping

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## **Workflows**

What is Workflow

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## **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

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## **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

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## **Transformation**

What is Transformations  
Classification of Transformation  
List of Transformations in Informatica

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## **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

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## **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

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## **Aggregator Transformation**

What is Aggregator Transformation  
Aggregator Properties  
Aggregator Result

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## **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

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## **Rank Transformation**

What is Rank Transformation  
Rank Transformation Demo

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**Course language: English**

**Price : Rs.25000/-**

## **Instructor(s)**

- MD Inran

## **Course Features**

- Course material
- Course resources
- On demand recorded videos
- Practical exercises
- Quizzes
- Assignments
- Course completion certificate

## **System Requirements**

- System with Internet Connection
- Interest to learn
- Dedication