

VINAY TECH HOUSE

## Informatica Training

Objectives: • Real-Time Working • Interview Suitable • 70% Exam Coverage

 **Trainer: Mr. Sreedhar [7+ years of IT Exp]**

 **Duration: 40-45 hours, Daily 1 hour**

 **Modes: Normal / Fast Track / One on One**

 **Fee: (Normal track) 12,000/-**

 **Available Batches: 8 AM, 9 AM, 10 AM, 6 PM, 7 PM**



### Institute Provides

- In-Depth **Theory & practical** Material
- Complete **Practical Oriented** Training
- **Mock Interviews**
- Daily **Live Class Videos** Shared
- Good Interaction with the Trainers
- **Resume Preparation** Sessions

COMPONENT	DURATION
Informatica Basics	5 HRS
Designer & Manager	20 HRS
Workflow Manager	10 HRS
Teradata Basics	2 HRS
DWH Fundamentals	2 HRS
Data Model Fundas	2 HRS
Project	6 HRS
Resume prep, FAQs	4 HRS

### INFORMATICA SCENARIOS

#### Case Study 1:

All Transformations  
SCD TYPE 1, SCD TYPE 2

#### Case Study 2:

Maplets, Woklets, Workflows, Tasks

#### Case Study 3:

Schedulers

### INFORMATICA PROJECT

#### Sales Project

Load data from source datamart to stage datamart and stage datamart to target data mart

## INFORMATICA

### ETL Concepts

- What is ETL?
- Methods of Data Extraction
- Types of Transformations
- Types of Data Loading

### Introduction to Informatica

- Informatica products stack
- Introduction to PowerCenter 9.X
- Key components in PowerCenter
- PowerCenter Architecture
- PowerCenter client tools
  - Designer
  - Repository Manager
  - Workflow Manager
  - Workflow Monitor

### Introduction to PowerCenter Designer

#### Designer Tools:

- Source Analyzer
- Target Designer
- Transformation Developer
- Mapplet Designer
- Mapping Designer
- Creating ODBC connections

### Introduction to PowerCenter

#### Workflow Manager

#### Workflow Manager Tools:

- Task Developer
- Worklet Designer
- Workflow Designer
- Creating relational connections

### Slowly Changing Dimensions:

- Implementation of Slowly Changing Dimensions
  - Type - 1
  - Type - 2
  - Type - 3
  - Type - 6
- Mapping Debugger

### Introduction to PowerCenter

#### Workflow Monitor

#### Designer Concepts:

- What is mapping?
- Types of ports
- Mapping validation rules
- Steps in creating and executing a mapping
- Importing/Creating Source Definitions
- Importing/Creating Target Definitions
- Transformation and types of transformations
- Power Center Transformation Language

### PowerCenter Transformations

- Filter Transformation
- Router Transformation
- Expression Transformation
- Aggregator Transformation
- Rank Transformation
- Sorter Transformation
- Joiner Transformation
- Lookup Transformation
- Update Strategy Transformation
- Union Transformation
- Source Qualifier Transformation
- Sequence Generator Transformation
- Transaction Control Transformation
- Normalizer Transformation
- Stored Procedure Transformation (Connected/Unconnected)
- SQL Transformation
- Java Transformation
- Working with Flat file sources and targets
- XML Files
- Session Partitioning
- Normal and Bulk Loading
- Push Down Optimization
- Dynamic file generation
- Scheduling workflows
- Performance tuning
- Object sharing
- Copy and Paste
- Shortcuts
- Import and Export objects
  - PMCMD Utility
  - PMREP Utility

### **PowerCenter - Workflow Manager**

- What is workflow?
- Link conditions
- Session configuration
- Creating Workflow
- Execution of workflow
- Monitoring result and troubleshooting

### **Advanced Concepts**

- Mapplet and Types of Mapplets
- Reusable transformations
- User Defined Functions
- Mapping Parameters and Variables
- Difference between mapping variable and variable port
- Target load plan
- Constraint based loading
- Worklets and types of Worklets
- Scheduling Workflows
- Types of Batch Processing
- Link conditions
- Session Parameters
- Session Recovery

### **Types of tasks**

- Assignment
- Command
- Control
- Decision
- Event
- Email
- Session
- Timer

### **ETL Testing**

#### **ETL testing lifecycle**

- Unit Testing
- System Testing
- UAT/Performance Testing

# **A BIG** *Thank you!*

check out our demos on **Youtube**

**@ "Vinay Tech House"**

<https://www.youtube.com/@vinaytechhouse4466/videos>

Our Institute provides **Top Tier Training** in the below  
**Career-Making Courses**

**Power BI**

**MSBI**

**AZURE BI**

**ADF**

**SQL SERVER**

**INFORMATICA**

**Modes: Normal / Fast Track / One on One**

For regular updates on Free Demos

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