

VINAY TECH HOUSE

Informatica Training

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



Trainer: Mr. Sreedhar [8+ years of IT Exp]



Duration: 40-45 hours, Daily 1 hour



Modes: Normal / Fast Track / One on One



Fee: (Normal track) 13,000/-



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

COURSES WE OFFER

POWER BI

DATA ANALYST/ ANALYTICS

MICROSOFT FABRIC

SQL SERVER

ADE / AZURE BI

ADF: AZURE DATA FACTORY

ADB: AZURE DATA BRICKS

MSBI

POWER APPS

POWER AUTOMATE

INFORMATICA

EXCEL

PYTHON

Power BI

FIRST DEMO

Taught by

MR. VINAY

1:02:49

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