

Informatica Training

• Real-Time Working • Detailed Subject • Interview Suitable

- Mr. Sreedhar [8+ years of IT Exp]
- Duration: 40-45 hours, Daily 1 hour
- Normal / Fast Track / 1 on 1 / Customized
- (Normal track) 13,000/-
- Multiple timings available



INSTITUTE PROVIDES

- * Two **Near Real Time** Projects
- * In-Depth **Theory & Practical** Material
- * Complete **Practical Oriented** Training
- * Mock Interviews
- * Case Studies / User Stories / Sprints
- * Daily **Live Class Videos**
- * **FAQ Tests** in Whatsapp
- * **Resume Preparation** Sessions

COMPONENTS	DURATION
Informatica Basics	5HRS
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	4HRS

INFORMATICA SCENARIOS
Case Study 1: All Transformations SCD TYPE 1, SCD TYPE 2
Case Study 2: Maplets, Woklets, Workflows, Tasks
Case Study 3: Schedulers

Projects
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



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