

### Module 1: Getting Started With Talend Open Studio

- Studio Definitions
- Starting the studio
- Creating the project
- Everything about Talend GUI
- Creating an example job

### Module 2: Working With Metadata

- Creating a Built-in Schema
- Creating Repository Schema
- Propagating Schema Changes
- Dropping Schema to empty components
- Cutting and pasting schema information

### Module 3: Working With Files

- Reading Delimited files
- Reading Positional Files
- Reading Excel Files
- Reading XML Files
- Reading Regex files

### Module 4: Usage Of Database Components In Talend

- tOracleConnection
- tOracleInput
- tOracleOutput
- tOracleRow

### Module 5: Using tMaps

- Overview of tMap
- Connecting multiple inputs to tMap
- Creating joins in tMap
- Catching Rejects in tMap
- Using Expression Builder in tMap
- Using Variable In tMap
- Performance Tuning of Look Ups In tMap

### Module 6: Using of Processing Components in Talend

- tJoin
- tFilterRow
- tAggregateRow
- tSortRow

- tReplace
- tAggregateSortedRow
- tNormalize
- tDeNormalize

#### Module 7: Basics Of Java

- Classes and Objects
- Writing Hello Java Program
- OOPS Concepts
  - Method Overloading
  - Static Keyword
  - Abstract Modifiers
- Handling Java String

#### Module 8: Using Java In talend

- Creating Routines in Talend
- Using Custom Code in Talend
- Using tJava component
- Using tJavaRow component
- Using tJavaFlex component

#### Module 9: Using of Iterative And Data Quality Components In talend

- tFileList
- tFlowtolterate
- tIteratetoFlow
- tUniqRow
- tReplaceList
- tSchemaComplianceCheck

#### Module 10: Configuring Statistics and Logs in Talend

- Capturing Statistics at Project Level
- Using tWarn, tDie, tFlowMeter
- Using tFlowMeterCatcher, tLogcatcher
- Using Global Variables in Talend

#### Module 11: Preparing For Deployment

- Creating Context variables
- Creating Context group
- Usage of Prompts in Talend Jobs
- Running Jobs in different contexts
- Using tContextLoad
- Using tContextDump

#### Module 12: Creating Subjobs

- Using tRunJob
- Passing parameters to Sub Job
- Passing context variables from Parent Job to Child Job
- Passing context variables from Child Job to Parent Job

#### Module 13: Data warehousing basics

- Data warehousing Architecture
- Dimension Tables
- Fact Tables
- Types of Schema
- Slow Changing Dimension
- OLAP and OLTP

#### Module 14: Using SCD Components in Talend

- Using SCD Type 1 Components
- Using SCD Type 2 Components
- Using SCD Type 3 Components

#### Module 15: Working With Metadata

- Export and Import Talend Jobs/Projects
- Running Talend Job using Windows Task Scheduler
- Performance Tuning in tMap
- Performance Tuning using Subjobs
- Using ETL Components

#### Module 16: Case Study/Project-Building a retail Data Warehouse

- Discussing Business Requirements Document
- Creating Staging Load Jobs
- Creating Dimension Load Jobs
- Creating Fact Load Jobs

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#### Module 17: Designing a Business Data Models in Talend

- Opening/Creating a Business Model
- Modelling a Business Model
- Assigning Repository elements to a Business Model

## Who can take this course

Suggested attendees for Talend Course may be: Fresh Graduates, Software Developers, Professionals for any other domain willing to shift to Administration, Mainframe developers and Architects who are looking to upgrade their resume and career.

## Prerequisite

Basic knowledge of Java  
Knowledge of SQL or Oracle

## Key-Takeaways

30 Hours of training with Lab Exercises with proprietary VM  
Lab exercises for each module.

Well-Experienced and Real Time Trainers  
Best in Class Infrastructure

Real time case studies and project integrated into the Curriculum  
24\*7 Support from our team of administrators

Course Material and Lab guides for students reference

Placement assistance for those who are looking out for a career in Oracle DBA

## Trainer Profile

8+ Years odd experience in IT Industry

5+ Years of experience in Oracle Administration  
Oracle Certified Trainer

3+ Years of experience in On-line and Class Room Training  
Trained more than 400+ students

A cogent speaker and a lucid communicator

Good at providing real time examples and practical scenarios while explaining concepts.  
Possess positive attitude and ability to meet customer requirements

**Tek Classes**