

Talend Data Integration and Big Data

1) Talend DI Basics:

Day 1

- Data Integration in context
- Getting Started with Talend Data Integration
- Working with Files
- Working with Databases
- Using Repository Metadata
- Processing Data

Day 2

- Using Contexts and Context Variables
- Building Executables and Docker Images from Data Integration Jobs
- Controlling Execution
- Handling Errors
- Working with Web Services

2) Talend DI Advanced:

Day 3

- Connecting to a remote repository
- SVN in Studio
- Reference Project
- Remote Job execution
- Resource usage and basic debugging
- Activity Monitoring Console
- Parallel Execution
- Joblets
- Change Data Capture

3) Talend BigData Basics:

Day 4

- Big Data in Context
- Connecting to the Hadoop cluster
- Reading and Writing Data in HDFS
- Processing Hive data in Standard Jobs
- Processing Hive data in Standard Jobs
- Big Data Use Case: Clickstream

4) Talend BigData Spark Batch:

Day 4

- Spark in context
- Introduction to Spark
- Sentiment Analysis use case
- Download Analysis use case

5) Talend BigData Spark streaming:

Day 5

- Reading and Writing Messages with Kafka
- Logs processing use case – monitoring
- Logs processing use case – reporting
- Logs processing use case - logs analysis