

## **Talend Course Content**

### **Module 1-Introduction Talend**

- Explain talend and how it works
- Explain talend open studio and its usefulness
- Explain meta data

### **Module 2-Jobs**

- Explain how to create a new job
- Create delimited file and explain whole process behind it
- use meta data and explain it
- Explain concept of propagation.
- Explain data integration schema
- Use t filter row and string filter in job creation
- Input delimitation file creation

### **Module 3-Schema and Aggregation**

- Explain job design and its features like edit schema and all
- Explain T map
- How to aggregate data
- Define triplicate and explain how it works
- Use tlog and explain its working
- Define T map properties

### **Module 4-DataSource Connectivity**

- Data extracted from source
- Database source and Target (Mysql)
- create connection
- Import/create schema or metadata

### **Module 5-Function/Routines**

- Explain functions how to call and use of them
- Define routines
- Explain XML file and how it is used in talend

- Use format data functions and explain its working
- Define type casting.

### **Module 6-Transformation**

- Context variable
- Parameterization in ETL
- Use row generator explain with example
- Explain sorting with example
- Define aggregator
- Publish data using t flow
- Explain how we can run job in a loop

### **Module 7-Hadoop Connectivity**

- How to start Trish Server
- How ETL tool connect to Hadoop
- Define ETL method
- How hive can be implemented
- How to import data into hive with example
- How to partition in hive with example
- Why cannot overwrite customer table?
- ETL component
- Comparison b/w Hive and Pig
- Loading data into the demo customer
- ETL tool
- Parallel execution