Informatica with Big Data (BDM)

Introduction:

- Introduction to the Developer tool
- Brief Overview of Big Data Management
- BDM 9.x & 10.x Architecture & Differences
- Big Data Basics
- Developer Tool Basics
- Reviewing the Developer interface

Developing Physical Data Objects:

- Introduction to the types of physical data objects
- Using relational connections
- Using flat file connections
- Synchronize a flat file data object

Viewing Data:

- Introduction to data views
- Troubleshooting configurations
- Reviewing logs
- Monitoring activities

Developing Mapping and Transformation:

- Mapping and transformation concepts
- Core transformations
- Developing and validating a mapping
- Using transformations in a mapping

Working with Dynamic Scheme and Mapping:

- Introduction to dynamic mapping concepts
- Developing and running a dynamic mapping
- Reviewing a mapping template

Parameters:

- Parameter concepts
- Using a parameter file
- Using a parameter set

Workflow:

- Workflow concepts
- Creating a workflow
- Configuring a Workflow

Working with Applications:

- Application concepts
- Creating and deploying an application
- Stopping and redeploying an application

Mapping Monitoring and troubleshooting:

- Configuring and running a mapping in Native end
- Hadoop environments
- Execution Plans
- Monitor mappings
- Troubleshoot mappings
- Viewing mapping results

Hadoop Data Integration challenges and Performance Tuning:

- Describe challenges with executing mappings in Hadoop
- Big Data Management Performance Tuning
- Hive Environment Optimization
- Mapping Level Tuning
- DIS Level Tuning
- Cluster Level Tuning
- Hadoop environment and cluster tuning