

## **Orchestrating Big Data with Azure Data Factory**

**Modality:** Self-Paced Learning

**Duration:** 16 Hours

**SATV Value:**

**CLC:**

**NATU:**

**SUBSCRIPTION:** Learn, Master

### **About this course:**

Want to manage and schedule big data workflows?

This training course provides you a knowledge and understanding that how to utilize MS Azure Data Factory to co-ordinate transformation and data movement through technology, for example, MS Azure Data Lake Analytics, SQL, and Hadoop. You will study methods to build pipelines that will enable you to group activities to accomplish a specific task.

Note: To accomplish this course, you will require a MS Azure subscription. You can register for a trial version at <http://MS Azure.microsoft.com>, or you can utilize your current subscription. The labs have been planned to limit the resource expense required to finish the practical activities.

### **Course Objective:**

This course is designed to provide knowledge and understanding to the candidates so they can:

- Creating data pipelines to organize big data procedures
- Scheduling data workflows with MS Azure Data Factory
- Implementing data transformations in a pipeline through U-SQL or Hive.

### **Audience:**

- Programmers
- Data Analyst

### **Prerequisite:**

There is no prerequisite for this course

### **Course Outline:**

#### **Introduction to Azure Data Factory**

- Getting Started with Azure Data Factory
- Lab: Getting Started with Azure Data Factory
- Module Review

## **Pipelines**

- Introduction to Pipelines
- Lab: Creating a Pipeline
- Module Review

## **Scheduling Pipelines**

- Overview of Pipeline Scheduling
- Lab: Scheduling a Pipeline
- Module Review

## **Transformations**

- Introduction to Transformations
- Lab: Transforming Data
- Module Review

## **Final Assessment**

- Final Assessment