Data AI:
Orchestrating Data with Azure Data Factory

WorkshopPLUS

Duration: 3 Days | **Focus Area:** Business/IT Alignment | **Level**: 300

This course will provide you the knowledge to understand the key principles about the aspects of Data Factory, a cloud data integration service, to compose data storage, movement, and processing services into automated data pipelines. It also explains security and monitoring in azure data factory and shows how to use SSIS packages in Azure. This workshop is targeted at Data Scientists, Analysts, Business Analytics Developers, and Data Engineers.
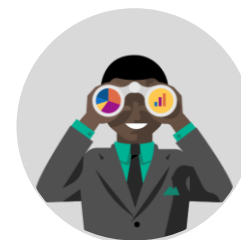
◆ OUTCOMES ◆

Skills

Gain a comprehensive understanding of the features and capabilities of Azure Data Factory.

Best Practices

Learn reliable methods of data transfer by applying transformation, securing and monitoring data traffic.

Way Forward

Take what you've learned in the classroom and apply it to your environment at your organization.

◆ PREREQUISITES ◆

Participants that have existing experience performing data transfer (ETL) will receive the most value from this course.

Recommended Qualifications

- Experience with Azure Services
- Experience with data and data transfer techniques (ETL)

Hardware Requirements

- An Intel Core-i5-based PC
- 4 GB RAM
- 128 GB HDD
- Windows 7 SP1 or later
- Office 2013 Professional Plus
- Internet access with at least 1 Mbps bandwidth per student

Duration: 3 days

START   DAY 1   DAY 2   DAY 3   **End**

Introduction to Azure Data Factory (ADF) V2

ADF V2 Connectors and Copy Activity

ADF V2 Security and Monitoring

ADF V2 Transformation and Control Flow

Running SSIS Packages in Azure

SYLLABUS

Module 1: Introduction to Azure Data Factory (ADF) V2

- Azure Data Factory Basic Concepts
- Authoring Azure Data Factory
- Comparing Azure Data Factory V1 with V2

Module 2: ADF V2 Connectors and Copy Activity

- Copy Activity in Azure Data Factory
- Connectors in Azure Data Factory

Module 3: ADF V2 Transformation and Control Flow

- Transformation in Azure Data Factory
- Control Flow in Azure Data Factory

Module 4: Running SSIS Packages in Azure

- Integration Runtime Azure Data Factory
- SSIS in Azure

Module 5: ADF V2 Security and Monitoring

- Security in Azure Data Factory
- Monitoring in Azure Data Factory

NEXT STEPS: If you are interested in a data transfer in azure for your organization, contact your Henson Group representative.