

Azure Data Factory

INTRODUCTION TO THE AZURE DATA FACTORY

Difference between ADF version 1 and Version 2.

Building blocks of ADF

-> PipeLine

-> Activities

-> Datasets

-> Linked Service

-> Integration RunTime

- * Auto Integration Runtime
- * Self Hosted Integration runtime
- * SSIS Integration Runtime.

FUNDAMENTALS OF AZURE SQL

Create Azure SQL and Play with Azure Sql

Azure sql as OLTP

Create Azure Sql Database

Create Azure Sql Server

Assign Username and Password for Authentication

Launching Query Editor

SSIS PACKAGE CREATION

CONTROLFLOW

DATAFLOW

DEBUGGING

DEPLOYMENT

INTEGRATION WITH MS SSIS

BUILDING AN SSIS PACKAGE

RUNNING SSIS PACKAGE FROM ADF

SSIS INTEGRATION RUNTIME

DATA MIGRATION AZURE DATA FACTORY AND OTHER CLOUD SERVICES

COPYING DATA FROM AMAZON S3 TO AZURE BLOB STORAGE

COPYING LARGE DATASETS FROM S3 TO ADLS

COPYING DATA FROM GOOGLE CLOUD STORAGE TO AZURE DATA LAKE

WORKING WITH AZURE SERVICES INTEGRATION

USING THE WEB ACTIVITY TO CALL AN AZURE LOGIC APP

TRANSFORMING AND PREPARING YOUR DATA VIA AZURE DATABRICKS

WORKING WITH AZURE DATA LAKE

MANAGING DEPLOYMENT PROCESS WITH AZURE DEVOPS

PUBLISHING CHANGES TO ADF

SETTING UP AZURE DEVOPS

MONITORING AND TROUBLESHOOTING DATA PIPELINES

INVESTIGATING FAILURES IN DEBUG MODE

RERUNNING ACTIVITIES

CONFIG ALERTS FOR YOUR DATA FACTORY RUNS