INTRODUCTION



Create Data Pipelines with Azure Data Factory Copy Data Tool



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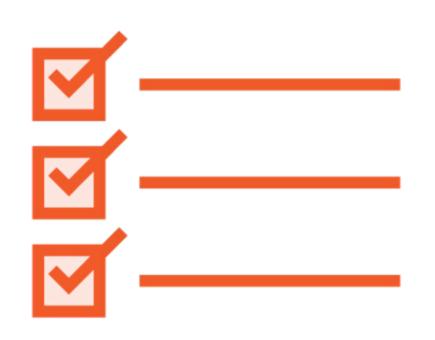
Copy Data Tool

Migrated data from Amazon S3 to a Blob Storage container

Need to move data between containers in the same Azure Storage account



Copy Data Tool



We use Copy Data tool

Designed to ingest data into data stores

Learn the differences between Copy Data tool and Copy Data activity



Clip 1



Getting to Know Copy Data Tool



Getting to Know Copy Data Tool Eases the process of ingesting data into a data store

It's a Wizard-like interface

Automatically creates pipeline resources

Allows us to focus on data ingestion

Encapsulates technical details



Creating a Pipeline to Ingest Data in ADF

Create a
Copy Data activity

Create Datasets

Create Linked Services



Getting to Know Copy Data Tool Copy Data tool is an alternative way to accomplish the same goal, easier!

Copy Data tool and Copy Data activity accomplish the same goal!

Copying data from point A to point B



Copy Data Tool or Copy Data Activity

Copy Data Tool

Simplifies the process

Great for data ingestion

Great to get started with ADF

Don't need to create pipelines, Datasets, Linked Services, etc.

Great for loading a large number of data artifacts into a data store

Great for running a one-time data movement process

Copy Data Activity

Better fit if complex logic is involved

When you need to run subsequent activities

Create a pipeline from the ground up and add a Copy Data activity



Combine the Best of Both Worlds

Copy Data Tool creates a quick data ingestion pipeline

So, Use Copy Data Tool get started quickly Then modify the resources created by the Copy Data tool

CLIP 2



Creating a Pipeline with ADF Copy Data Tool

Copy Files between Blob Storage Containers Copied 5,000 files from S3 to a Blob Storage named Sensor Sink AWS

Use Copy Data tool to copy these files between two storage containers

Sensor Sink AWS -> Sensor Sink Raw

One time data movement process



CLIP 3



Reviewing Pipeline Components Created by Copy Data Tool



SUMMARY



Summary



Learned about Copy Data tool and when and how to use it

Migrated data between two storage containers



Summary



Copy Data tool creates all resources automatically

Creates Pipelines, Activities, Datasets and Linked Services automatically

Use it to get started with Azure Data Factory

And to load a large number of data artifacts into a data store

