

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

