

Parameterize Datasets for Flexibility

Assignment

Parameterize the source file path in ADLS and the destination table name in SQL Server. For example, create dynamic datasets that can be reused with different parameters (e.g., changing file names or table names).

Parameters Variables Settings Output

+ New | Delete

<input type="checkbox"/>	Name	Type	Default value	
<input type="checkbox"/>	StartTime	String	@trigger().outputs.window\$	
<input type="checkbox"/>	EndTime	String	@trigger().outputs.window\$	
<input type="checkbox"/>	table_name	String	cars	
<input type="checkbox"/>	file_name	String	cars	

Parameterized source adds file name:

General Source Sink Mapping Settings User properties

Source dataset * Open New Preview data [Learn more](#)

Dataset properties ⓘ

Name	Value
filename	@pipeline().parameters.file_name

File path type ☒ File path in dataset ☐ Wildcard file path ☐ List of files ⓘ

Filter by last modified ⓘ

Start time (UTC)	End time (UTC)
@pipeline().parameters.StartTime	@pipeline().parameters.EndTime

Recursively ⓘ ☒

Enable partitions discovery ⓘ ☐

Paramterized sink sql database table name:

General Source **Sink** Mapping Settings User properties

Sink dataset * dssqldata Open + New [Learn more](#)

Dataset properties ⓘ

Name	Value
table_name	@pipeline().parameters.table_name

Write behavior ☒ Insert ☐ Upsert ☐ Stored procedure

Bulk insert table lock ⓘ ☐ Yes ☒ No

Table option ☒ Use existing ☐ Auto create table ⓘ

Pre-copy script ⓘ

At pipeline run time we can dynamically pass the paramters:

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Pipeline run

Parameters

Name	Type	Value
StartTime	string	@trigger().outputs.windowSt...
EndTime	string	@trigger().outputs.windowEnd
table_name	string	Value
file_name	string	Value