

AZURE DATA FACTORY

SWITCH ACTIVITY

The screenshot shows the Microsoft Azure Resource Groups page. A success message box is displayed in the top right corner: "Resource group created" with the message "Creating resource group 'azurer' in subscription 'npunext-1673505322675' succeeded." Below the message are two buttons: "Go to resource gr..." and "Pin to dashboard...". The main table lists one resource group: "azurer" (Subscription: npunext-1673505322675, Location: East US). The table has filters at the top: "Filter for any field...", "Subscription equals all", "Location equals all", and "Add filter". There are also grouping and view options: "No grouping" and "List view". At the bottom, there are navigation buttons: "< Previous", "Page", "of 0", "Next >", and a "Give feedback" link.

The screenshot shows the Microsoft Data Factory deployment overview page for "Microsoft.DataFactory-20230907093703". A success message box is displayed in the top right corner: "Deployment succeeded" with the message "Deployment 'Microsoft.DataFactory-20230907093703' to resource group 'azurer' was successful." Below the message are two buttons: "Pin to dashboard..." and "Go to resource gr...". The main content area shows a summary: "Your deployment is complete" with a green checkmark icon. Deployment details are listed: Deployment name: Microsoft.DataFactory-2023090..., Start time: 9/7/2023, 9:37:37 AM, Subscription: npunext-1673505322675, Correlation ID: 7278d3f2-7928-49fe-b383-add..., Resource group: azurer. Below this, there are sections for "Deployment details" and "Next steps". At the bottom left, there are "Give feedback" and "Tell us about your experience with deployment" links. On the right side, there are several promotional cards: "Cost management" (Get notified to stay within your budget and prevent unexpected charges on your bill. Set up cost alerts >), "Microsoft Defender for Cloud" (Secure your apps and infrastructure. Go to Microsoft Defender for Cloud >), "Free Microsoft tutorials" (Start learning today >), "Work with an expert" (Azure experts are service provider partners who can help manage your assets on Azure and be your first line of support. Find an Azure expert >), and a "Feedback" card with a "Give feedback" button.

Microsoft Azure | Search resources, services, and docs (G+) Shellunext_169342264... UNEXT (NPUNEXTONMICROSOFT)

Home > azuredemotraining_1694059724143 | Overview Deployment

Search Delete Cancel Redeploy Download Refresh

Your deployment is complete

Deployment name: azuredemotraining_16940... Start time: 9/7/2023, 9:38:56 AM
Subscription: npunext-1673505322675 Correlation ID: 8cadbe8d-ac04-40c0-9e9c-cba9d93f06
Resource group: azurerrg

Deployment details Next steps Go to resource

Give feedback Tell us about your experience with deployment

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Microsoft Azure | Data Factory | azuredemotraining | Search factory and documentation Shellunext_169342264319@npunext.onmicrosoft.com

Microsoft recently announced the public preview of Microsoft Fabric, a brand new and exciting way to bu

Data Factory Validate all Publish all 1

Factory Resources Pipelines pipeline1 Activities Validate

Filter resources by name +

Pipelines 1

- pipeline1
- Change Data Capture (preview) 0
- Datasets 0
- Data flows 0
- Power Query 0

Set properties

Name switchactivity Successfully created Successfully created AzureBlobStorage (Linked service).

Linked service * AzureBlobStorage (Linked service)

File path Container / Directory / File name

First row as header

Import schema

From connection/store From sample file None

Parameters New

OK Back Cancel

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Microsoft recently announced the public preview of Microsoft Fabric, a brand new and exciting way to build cloud-first data analytics. Click [here](#) to get started with Fabric Data Factory!

Data Factory Validate all Publish all ? Preview experience Off

Factory Resources Pipelines Datasets Data flows Power Query

Activities Pipeline1 switchactivity

switchactivity

Validate Debug Add trigger

Properties General Related Name * pipeline1 Description Annotations + New

General Activities (0) User properties

Name * Switch1 Learn more Description Activity state (preview)

```
graph TD; Start(( )) --> Switch1[Switch1]; Switch1 --> Default[Default: No activities]; Default --> End(( ));
```

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Data Factory Validate all Publish all ? Preview experience Off

Factory Resources Pipelines Datasets Data flows Power Query

Activities Pipeline1 switchactivity

switchactivity

Validate Debug Add trigger

Properties General Related Name * pipeline1 Description Annotations + New

General Activities (1) User properties

Expression * @pipeline().parameters.FolderName

+ Add case Case Default Activity No activities

Activity Coov data1

```
graph TD; Start(( )) --> Switch1[Switch1]; Switch1 --> Default[Default: No activities]; Switch1 --> Switch[Switch: Coov data1]; Default --> End(( ));
```

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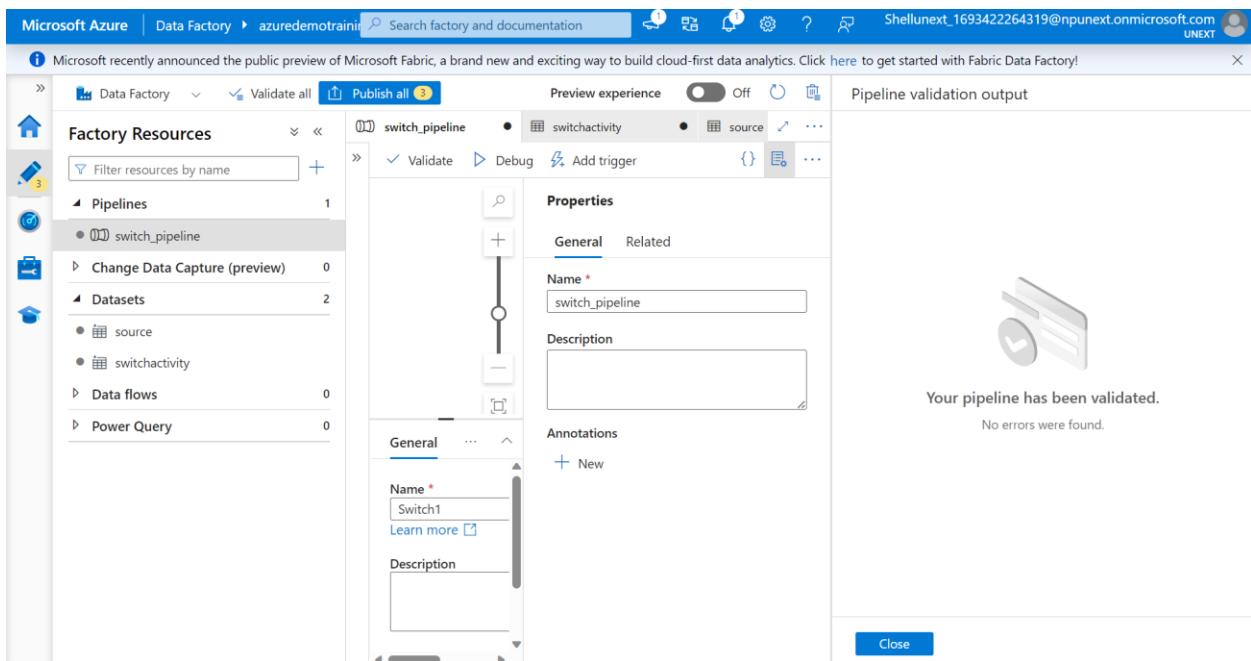
Microsoft recently announced the public preview of Microsoft Fabric, a brand new and exciting way to build cloud-first data analytics. Click [here](#) to get started with Fabric Data Factory!

Validate all Publish all 3 Preview experience Off Pipeline validation output

Factory Resources Pipelines 1 switch_pipeline Change Data Capture (preview) 0 Datasets 2 source switchactivity Data flows 0 Power Query 0

switch_pipeline Validate Debug Add trigger Properties General Related Name * switch_pipeline Description Annotations + New General ... Name * Switch1 Learn more Description Close

Your pipeline has been validated. No errors were found.



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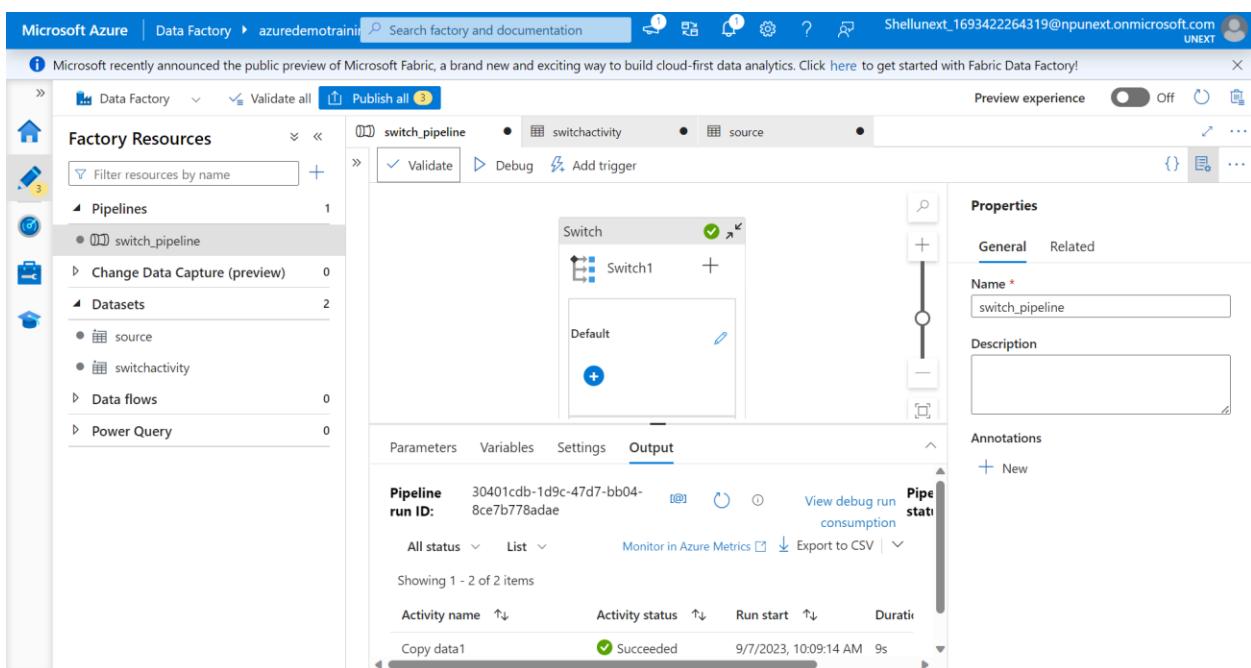
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Validate all Publish all 3 Preview experience Off Pipeline validation output

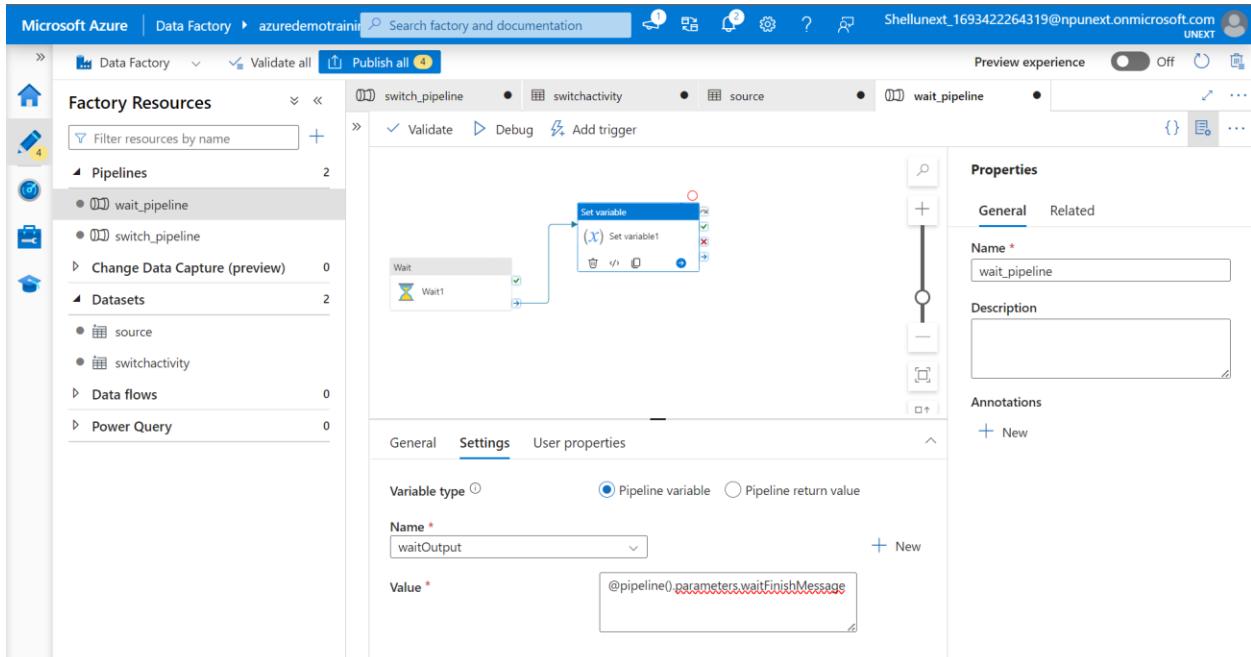
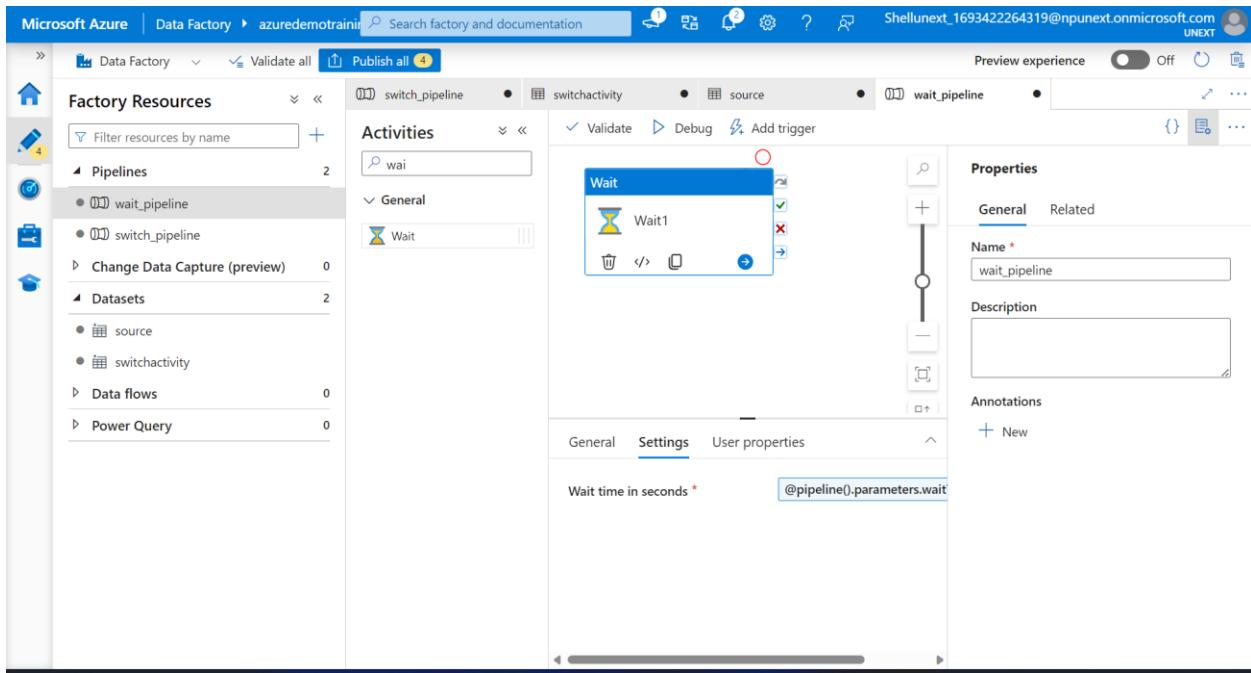
Factory Resources Pipelines 1 switch_pipeline Change Data Capture (preview) 0 Datasets 2 source switchactivity Data flows 0 Power Query 0

switch_pipeline Validate Debug Add trigger Properties General Related Name * switch_pipeline Description Annotations + New

Switch Switch1 Default Output Parameters Variables Settings Pipeline run ID: 30401cdb-1d9c-47d7-bb04-8ce7b778adae View debug run consumption Pipe stat All status List Monitor in Azure Metrics Export to CSV Showing 1 - 2 of 2 items Activity name Activity status Run start Duration Copy data1 Succeeded 9/7/2023, 10:09:14 AM 9s



WAIT ACTIVITY



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Publish all 4

Preview experience Off

Shellunext_1693422264319@npunext.onmicrosoft.com UNEXT

Factory Resources

Pipelines

- wait_pipeline
- switch_pipeline

Change Data Capture (preview)

Datasets

- source
- switchactivity

Data flows

Power Query

switch_pipeline

switchactivity

source

Properties

General Related

Name * wait_pipeline

Description

Annotations

+ New

Settings

Variable type Pipeline variable

Name * waitOutput

Value * @pipeline().param

Close

Pipeline validation output

Your pipeline has been validated.

No errors were found.

This screenshot shows the Microsoft Azure Data Factory validation interface. It displays a validation summary on the right stating 'Your pipeline has been validated.' and 'No errors were found.' The validation output pane shows a green checkmark icon. On the left, the 'Factory Resources' sidebar lists pipelines, datasets, and other resources. The 'switch_pipeline' pipeline is selected in the main workspace, showing its activity flow: a 'Wait' activity followed by a 'switchactivity' activity. The 'Properties' panel on the right is configured for the 'wait_pipeline' activity, setting 'Variable type' to 'Pipeline variable', naming it 'waitOutput', and setting its value to '@pipeline().param'. The validation status at the bottom indicates a successful run ID: a074d852ff23.

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Publish all 4

Preview experience Off

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Factory Resources

Pipelines

- wait_pipeline
- switch_pipeline

Change Data Capture (preview)

Datasets

- source
- switchactivity

Data flows

Power Query

switch_pipeline

switchactivity

source

Properties

General Related

Name * wait_pipeline

Description

Annotations

+ New

Output

run ID: a074d852ff23

All status

Showing 1 - 2 of 2 items

Activity name	Activity status	Run start	Duration
Set variable1	Succeeded	9/7/2023, 10:32:31 AM	Less than a second
Wait1	Succeeded	9/7/2023, 10:31:14 AM	1m 17s

This screenshot shows the Microsoft Azure Data Factory validation interface. It displays a validation summary on the right stating 'Your pipeline has been validated.' and 'No errors were found.' The validation output pane shows a green checkmark icon. On the left, the 'Factory Resources' sidebar lists pipelines, datasets, and other resources. The 'switch_pipeline' pipeline is selected in the main workspace, showing its activity flow: a 'Wait' activity followed by a 'switchactivity' activity. A 'Set variable' activity is also present between them. The 'Properties' panel on the right is configured for the 'wait_pipeline' activity, setting 'Variable type' to 'Pipeline variable', naming it 'waitOutput', and setting its value to '@pipeline().param'. The validation status at the bottom indicates a successful run ID: a074d852ff23.

MAPPING DATA FLOW

Factory Resources

- Pipelines
 - MappindDataFlow
 - switch_pipeline
 - wait_pipeline
- Change Data Capture (preview) 0
- Datasets 2
 - source
 - switchactivity
- Data flows 1
 - df_1
- Power Query 0

Properties

General Related

Name * df_1

Description

Sink

Dataset * source

Test connection Open + New

Skip line count

Options

Allow schema drift

Validate schema

Activities

- DATA
- Move and transform
- Copy data
- Data flow
- Azure Data Explorer
- Azure Data Explorer C...
- Databricks
- Notebook
- Jar
- Python
- Data Lake Analytics
- U-SQL
- General
- Get Metadata

Properties

General Related

Name * MappindDataFlow

Description

Annotations

+ New

Your pipeline has been validated.

No errors were found.

Close

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Validate all Publish all 6

Factory Resources

- Pipelines
 - MappindDataFlow
 - switch_pipeline
 - wait_pipeline
- Change Data Capture (preview) 0
- Datasets 2
 - source
 - switchactivity
- Data flows 1
 - df_1
- Power Query 0

switch_pipeline ● wait_pipeline ● df_1 ● MappindDataFlow ●

Validate Debug Add trigger Data flow debug

Data flow Data flow1

Properties

General Related

Name * MappindDataFlow

Description

Annotations + New

Parameters Variables Settings Output

Pipeline run ID: c5b0a3d1-b7bd-406f-a30b-79085e8b906d Pipeline status consumption

All status Monitor in Azure Metrics Export to CSV

Showing 1 ~ 1 of 1 items

Activity name	Activity status	Run start	Duration
Data flow1	Succeeded	9/7/2023, 11:25:24 AM	1m 24s

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Validate all Publish all 8

Factory Resources

- Pipelines
 - MappindDataFlow
 - switch_pipeline
 - wait_pipeline
- Change Data Capture (preview) 0
- Datasets 3
 - Employee
 - source
 - switchactivity
- Data flows 2
 - select_DF
 - df_1
- Power Query 0

wait_pipeline ● df_1 ● MappindDataFlow ● Employee ● select_DF ●

Validate Data flow debug Debug Settings

source1 import data from employee + select1 Columns: 4 total +

Add Source

Select settings Optimize Inspect Data preview

Properties

General Related

Name * select_DF

Description

source1's column Name as

abc empid	empid
abc name	name
abc country	country
abc department	department

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Validate all Publish all (8)

Factory Resources

Pipelines

- Mappind_Pipelines
- switch_pipeline
- wait_pipeline

Change Data Capture (preview) 0

Datasets

- Employee
- source
- switchactivity

Data flows

- select_DF
- df_1

Power Query 0

wait_pipeline ● df_1 MappindDataFlow Employee select_DF

✓ Validate Data flow debug Debug Settings

Properties

General Related

Name * select_DF

Description

Preview experience Off

The screenshot shows the Microsoft Azure Data Factory interface. On the left, the 'Factory Resources' sidebar lists Pipelines, Datasets, Data flows, and Power Query. The 'Data flows' section is currently selected, showing two entries: 'select_DF' and 'df_1'. The main workspace displays the 'select_DF' data flow. It consists of three main components: a 'source1' component labeled 'import data from employee', a 'select1' component, and a 'sink1' component. A tooltip for 'select1' indicates it renames 'source1' to 'select1' with columns 'EmployeeID', 'EmployeeName', and 'EmployeeCountry'. The 'sink1' component has a note stating 'Columns: 3 total'. Below the flow diagram, there are tabs for Sink, Settings, Errors, Mapping, and Optimize. The 'Settings' tab is active, showing options for outputting to a single file named 'Select_Output.txt'. The 'Properties' panel on the right shows the data flow is named 'select_DF' with no description. The 'Preview experience' toggle is set to 'Off'.

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Validate all Publish all (8)

Factory Resources

Pipelines

- MappindDataFlow
- switch_pipeline
- wait_pipeline

Change Data Capture (preview) 0

Datasets

- Employee
- source
- switchactivity

Data flows

- select_DF
- df_1

Power Query 0

wait_pipeline ● df_1 MappindDataFlow Employee select_DF

✓ Validate Data flow debug Debug Settings

Properties

General Related

Name * select_DF

Description

Settings

This sink currently has Single partition set in Optimize. This will make your data flow execution longer. The recommended setting is Use current partitioning.

Close

Your data flow has been validated.

No errors were found.

The screenshot shows the validation results for the 'select_DF' data flow. The validation status is indicated by a green checkmark icon. The message 'Your data flow has been validated.' and 'No errors were found.' is displayed. The 'Close' button is located at the bottom right of the validation dialog.

Factory Resources

- Pipelines
 - MappindDataFlow
 - switch_pipeline
 - wait_pipeline
- Datasets
 - Employee
 - source
 - switchactivity
- Data flows
 - select_DF
 - df_1
- Power Query

Data flow MappindDataFlow

Properties

General

Name: MappindDataFlow

Description:

Annotations

Output

Pipeline 18697e92-b983-4d3d-a873-4d61cbc16fee

run ID: 4d61cbc16fee

Pipeline status consumption

All status

Showing 1 - of 1 items

Activity name	Activity status	Run start	Duration
Data flow1	Succeeded	9/7/2023, 11:43:05 AM	1m 17s

CONDITIONAL SPLIT TRANSFORMATION

Factory Resources

- Pipelines
 - MappindDataFlow
 - switch_pipeline
 - wait_pipeline
- Datasets
 - Employee
 - source
 - switchactivity
- Data flows
 - select_DF
 - df_1
- Power Query

Data flow select_DF

Properties

General

Name: select_DF

Description:

Settings

Renaming source1 to select1 with columns EmployeeID, Emp_DepartmentID, Name, Address, City, State, Zip, ManagerID, HireDate, BirthDate, Gender, Salary, CommissionRate, DepartmentName, DepartmentID, ManagerName, ManagerEmployeeID.

Conditionally distributing the data in Emp_DepartmentID.

Conditionally distributing the data in Emp_DepartmentID.

Export data to Employee

Columns: 4 total

Sink

File name option: Output to single file

Output to single file: Emp_Departemnt_2.txt

Quote All:

Headers: Enter expression...

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Publish all 8 | Preview experience Off | Data flow validation output

Factory Resources

- Pipelines
 - MappindDataFlow
 - switch_pipeline
 - wait_pipeline
- Change Data Capture (preview) 0
- Datasets
 - Employee
 - source
 - switchactivity
- Data flows
 - select_DF
 - df_1
- Power Query 0

Properties

General Related

Name * select_DF

Description

Settings ... Clean the folder

File name option * Output to si...
Output to single file Emp_Departmnt_2.txt

Quote All
Headers

Close

Your data flow has been validated.
No errors were found.

Microsoft Azure | Data Factory > azuredemotraining | Search factory and documentation

Publish all 9 | Preview experience Off | Pipeline validation output

Factory Resources

- Pipelines
 - MappindDataFlow
 - conditionalsplit
 - switch_pipeline
 - wait_pipeline
- Change Data Capture (preview) 0
- Datasets
 - Employee
 - source
 - switchactivity
- Data flows
 - select_DF
 - df_1
- Power Query 0

Activities

Properties

General Related

Name * conditionalsplit

Description

Annotations + New

Close

Your pipeline has been validated.
No errors were found.

Factory Resources

- Pipelines
 - MappindDataFlow
 - conditionalsplit
 - switch_pipeline
 - wait_pipeline
- Change Data Capture (preview) 0
- Datasets 3
 - Employee
 - source
 - switchactivity
- Data flows 2
 - select_DF
 - df_1
- Power Query 0

If_1

Validate | Debug | Add trigger | Data flow debug

Data flow

Data flow1

Properties

Name: conditionalsplit

Description

Annotations

Pipeline run ID: c9966e73-ff74-42ea-af2d-4a4b2a3c6a4a

View debug run status | Monitor in Azure Metrics | Export to CSV

Activity name	Activity status	Run start	Duration
Data flow1	Succeeded	9/7/2023, 12:04:28 PM	51s

DERIVED COLUMN TRANSFORMATION

Factory Resources

- Pipelines
 - MappindDataFlow
 - conditionalsplit
 - switch_pipeline
 - wait_pipeline
- Change Data Capture (preview) 0
- Datasets 3
 - Employee
 - source
 - switchactivity
- Data flows 3
 - Derived_df
 - df_1
 - select_DF
- Power Query 0

MappingDataFlow

Validate | Data flow debug | Debug Settings

source1

derivedColumn1

sink1

Properties

Name: Derived_df

Description

Pipelines Actions

Sink | Settings | Errors | Mapping | Optimize

This sink currently has Single partition set in Optimize. This will make your data flow execution longer. The recommended setting is Use current partitioning.

Clear the folder

File name option * Output to single file

Output to single file * NewEmployee.csv

Quote All

Enter compression

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Publish all 11

Preview experience Off

Shellunext_1693422264319@npunext.onmicrosoft.com UNEXT

Factory Resources

Pipelines

- conditionalsplit
- MappindDataFlow
- Derived
- switch_pipeline
- wait_pipeline

Change Data Capture (preview)

Datasets

- Employee
- source
- switchactivity

Data flows

- Derived_df
- df_1
- select_DF

Power Query

Data flow

Data flow1

Properties

General Related

Name * Derived

Description

Annotations

+ New

Employee select_DF conditionalsplit Derived_df Derived

General Settings Parameters User properties

Run on (Azure IR) * AutoResolveIntegrationRuntime

Compute size * Small

Advanced

Logging level * Verbose

Sink properties

Staging

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Publish all 11

Preview experience Off

Shellunext_1693422264319@npunext.onmicrosoft.com UNEXT

Factory Resources

Pipelines

- conditionalsplit
- MappindDataFlow
- Derived
- switch_pipeline
- wait_pipeline

Change Data Capture (preview)

Datasets

- Employee
- source
- switchactivity

Data flows

- Derived_df
- df_1
- select_DF

Power Query

Data flow

Data flow1

Properties

General Related

Name * Derived

Description

Annotations

+ New

Employee select_DF conditionalsplit Derived_df Derived

General Settings Parameters User properties

Run on (Azure IR) * AutoResolveIntegrationRuntime

Compute size * Small

Advanced

Logging level * Verbose

Sink properties

Staging

Microsoft Azure | Data Factory > azuredemotraining | Search factory and documentation

Preview experience Off

Pipeline validation output

Factory Resources

- Pipelines
 - conditionalsplit
 - MappindDataFlow
 - Derived
 - switch_pipeline
 - wait_pipeline
- Change Data Capture (preview) 0
- Datasets
 - Employee
 - source
 - switchactivity
- Data flows
 - Derived_df
 - df_1
 - select_DF
- Power Query 0

Properties

Name * Derived

Description

Annotations

Settings

Compute size Small

Logging level Verbose

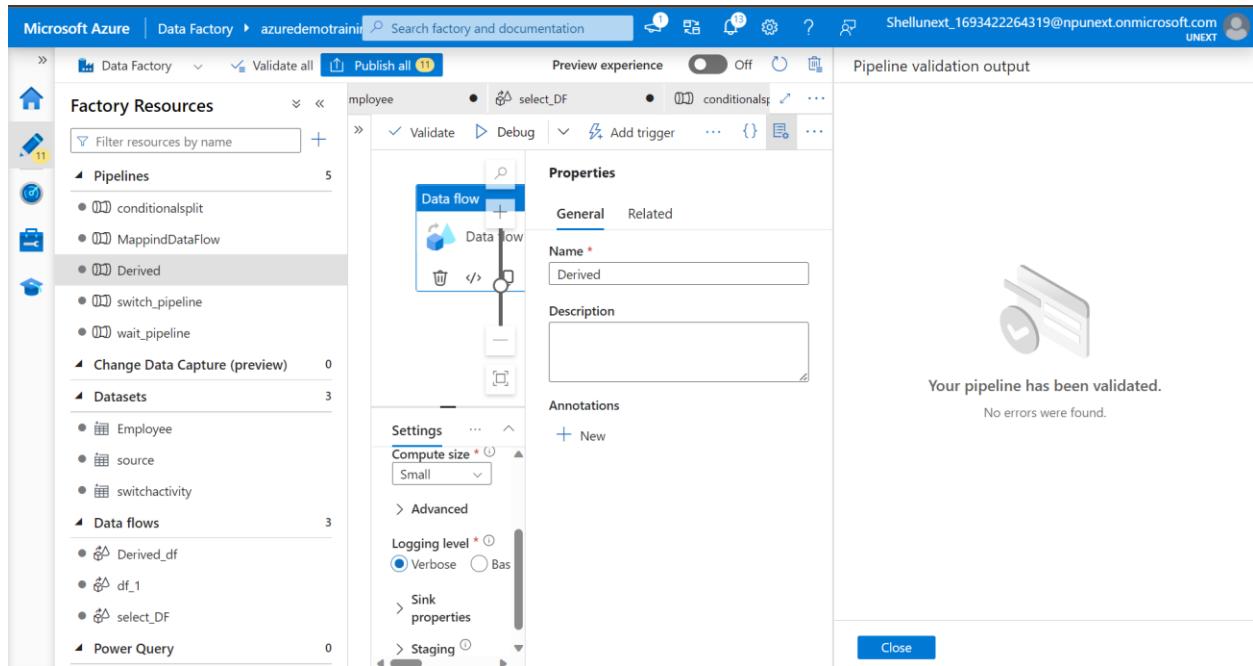
Sink properties

Staging

Close

Your pipeline has been validated.

No errors were found.



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Preview experience Off

Factory Resources

- Pipelines
 - conditionalsplit
 - MappindDataFlow
 - Derived
 - switch_pipeline
 - wait_pipeline
- Change Data Capture (preview) 0
- Datasets
 - Employee
 - source
 - switchactivity
- Data flows
 - Derived_df
 - df_1
 - select_DF
- Power Query 0

Properties

Name * Derived

Description

Annotations

Parameters

Variables

Settings

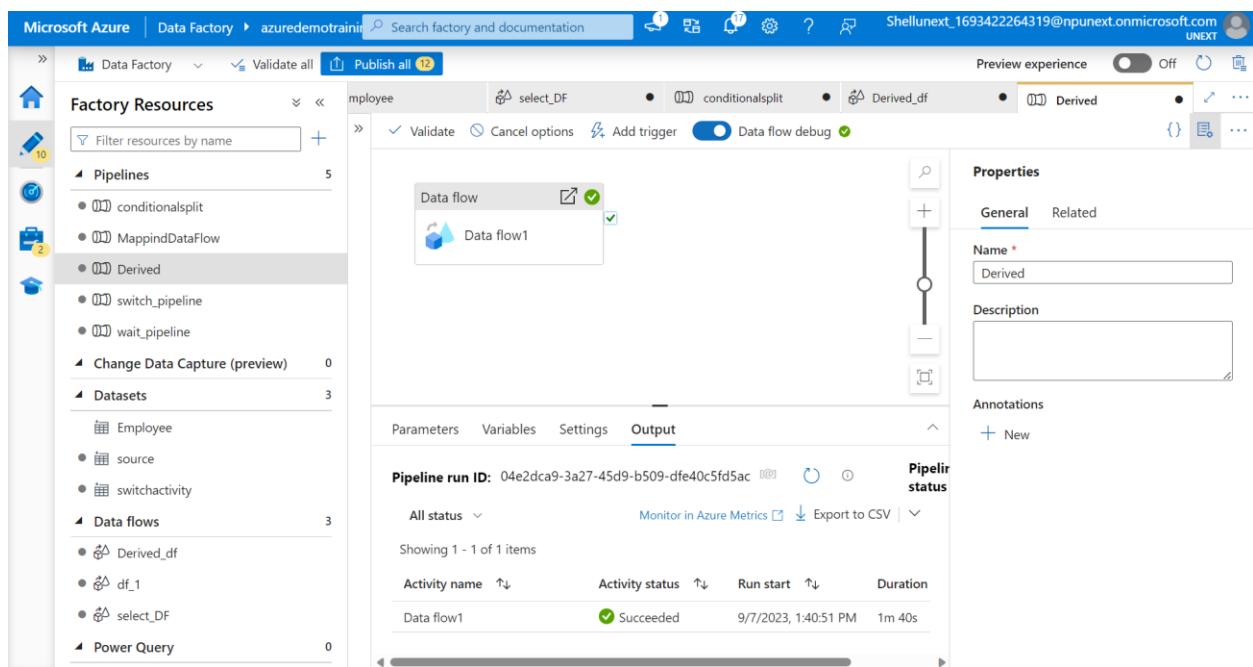
Output

Pipeline run ID: 04e2dca9-3a27-45d9-b509-dfe40c5fd5ac

Monitor in Azure Metrics Export to CSV

Pipeline status

Activity name	Activity status	Run start	Duration
Data flow1	Succeeded	9/7/2023, 1:40:51 PM	1m 40s



UNION

The screenshot shows the Microsoft Azure Data Factory Data Flow interface. On the left, the 'Factory Resources' sidebar lists various datasets and data flows. Under 'Data flows', the 'union' data flow is selected. The main workspace displays a data flow diagram with three sources: 'source1' (Import data from EmpDept1), 'source2' (Import data from EmpDept2), and 'source3' (Import data from Employee). These sources feed into a 'union1' transformation, which then outputs to a 'sink1' (Output to single file) with the name 'AllEmployees.csv'. The 'Properties' panel on the right shows the data flow is named 'union'.

The screenshot shows the Microsoft Azure Data Factory Pipeline validation output. The 'Factory Resources' sidebar is visible on the left. In the center, a pipeline named 'union' is selected. The 'Properties' panel shows the pipeline is named 'union'. A large green checkmark icon is prominently displayed on the right, indicating that the pipeline has been validated successfully. Below the checkmark, the message 'Your pipeline has been validated.' and 'No errors were found.' is displayed.

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Publish all 16

Factory Resources

- union
- switch_pipeline
- wait_pipeline
- Change Data Capture (preview) 0
- Datasets 5
 - EmpDept1
 - EmpDept2
 - Employee
 - source
 - switchactivity
- Data flows 4
 - union
 - Derived_df
 - df_1
 - select_DF
- Power Query 0

Derived ● EmpDept1 ● EmpDept2 ● union ● union

Validate | Debug | Add trigger | Data flow debug | Preview experience | Off

Data flow Data flow1

Properties

General Related

Name * union

Description

Annotations

+ New

Parameters Variables Settings Output

Pipeline run ID: 7226d3bc-faf6-407f-b5fd-893406e6e7a7

All status Monitor in Azure Metrics Export to CSV

Showing 1 - 1 of 1 items

Activity name	Activity status	Run start	Duration
Data flow1	Succeeded	9/7/2023, 1:55:59 PM	1m 8s

SORT TRANSFORMATION

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Publish all 17

Factory Resources

- union
- switch_pipeline
- wait_pipeline
- Change Data Capture (preview) 0
- Datasets 5
 - EmpDept1
 - EmpDept2
 - Employee
 - source
 - switchactivity
- Data flows 5
 - sort_df
 - Derived_df
 - df_1
 - select_DF
 - union

EmpDept1 ● EmpDept2 ● union ● union ● sort_df

Validate | Data flow debug | Debug Settings | Preview experience | Off

source1 Import data from Employee + sort1 Sorting rows on columns 'name' + sink1 Columns: 4 total

Properties

General Related

Name * sort_df

Description

Sink Settings Errors Mapping Optimize

This sink currently has Single partition set in Optimize. This will make your data flow execution longer. The recommended setting is Use current partitioning.

Add Source

Sink Settings Errors Mapping Optimize

Clear the folder

File name option * Output to single file

Output to single file * sortemp.csv

Quote All

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Publish all 18 Preview experience Off

Factory Resources > Pipelines > pipeline1

Properties General Related

Name * pipeline1

Description

Annotations + New

Settings

Data flow * sort_df

Run on (Azure IR) * AutoResolveIntegrations

Compute size * Small

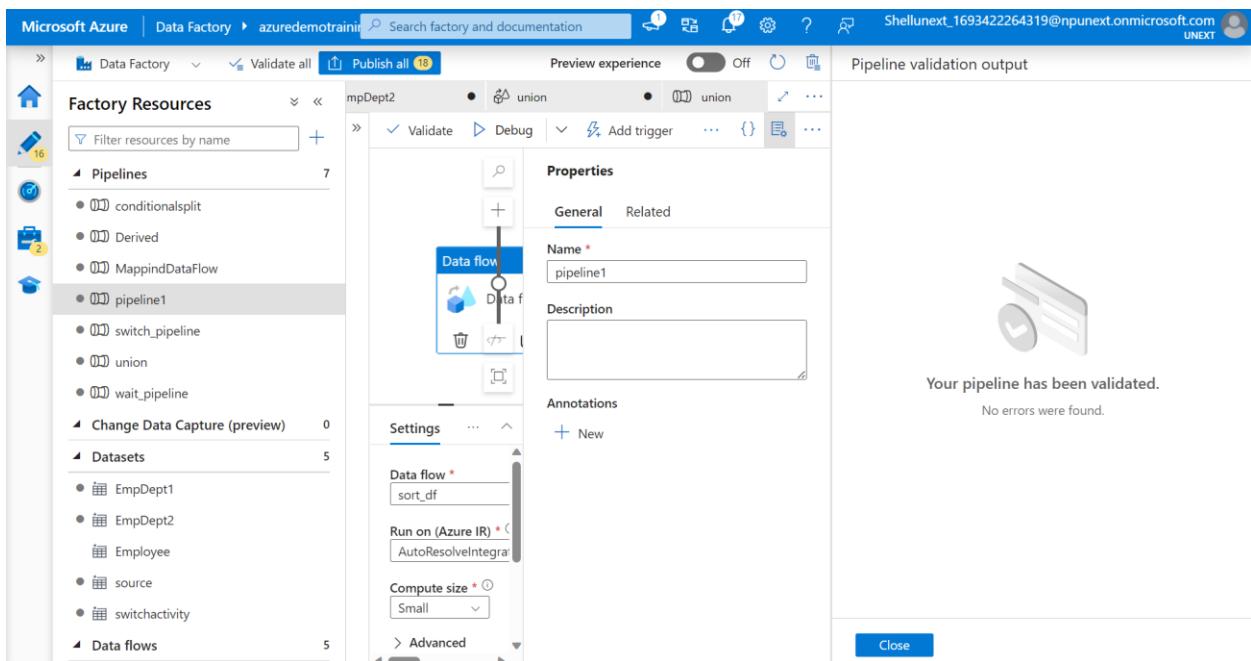
Advanced

Close

Pipeline validation output

Your pipeline has been validated.

No errors were found.



Microsoft Azure | Data Factory > azuredemotraining | Search factory and documentation

Publish all 18 Preview experience Off

Factory Resources > Pipelines > sort

Properties General Related

Name * sort

Description

Annotations + New

Output

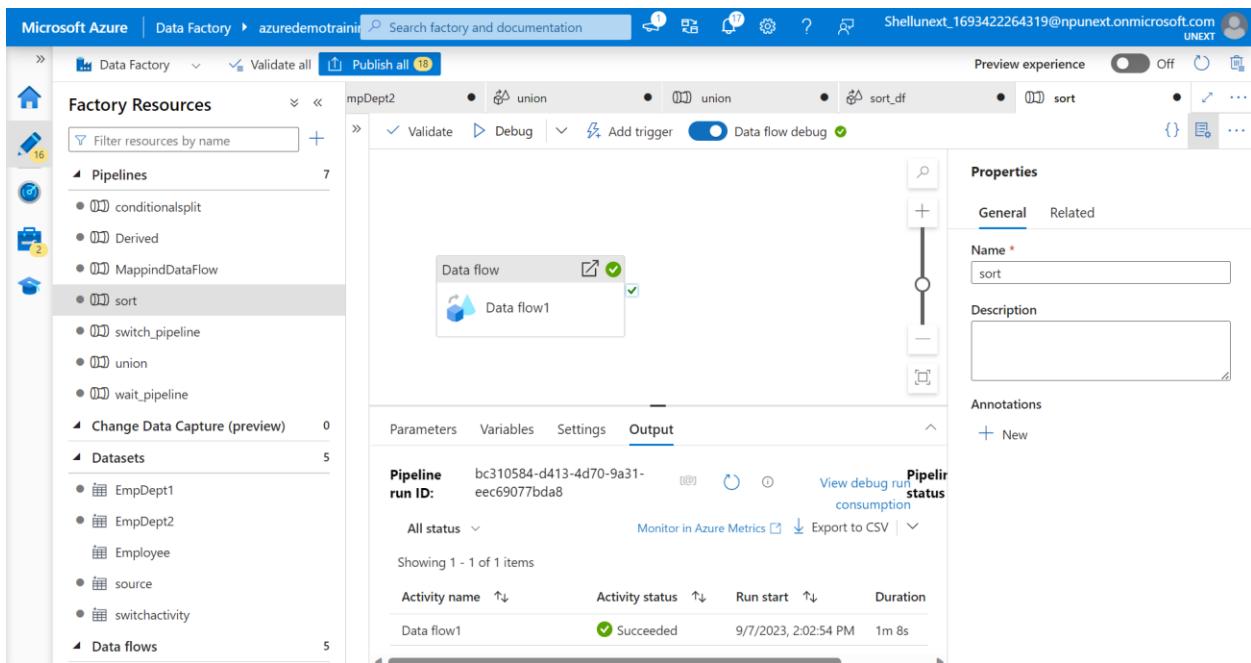
Pipeline run ID: bc310584-d413-4d70-9a31-eec69077bda8

Pipeline status consumption

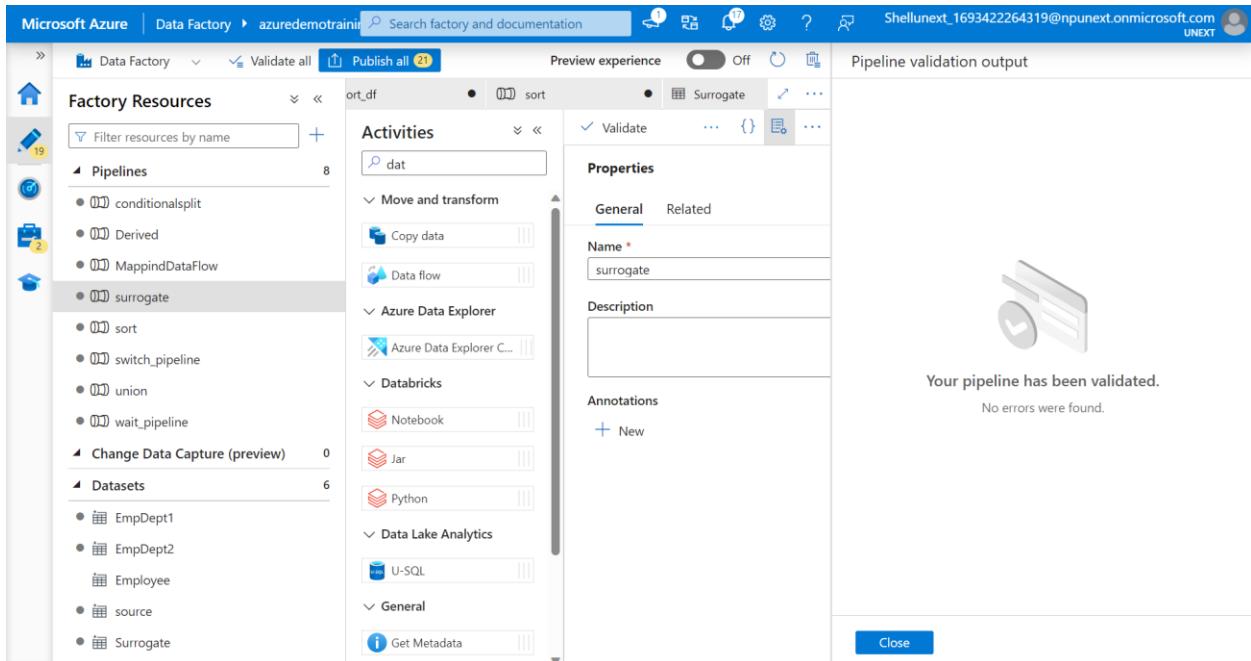
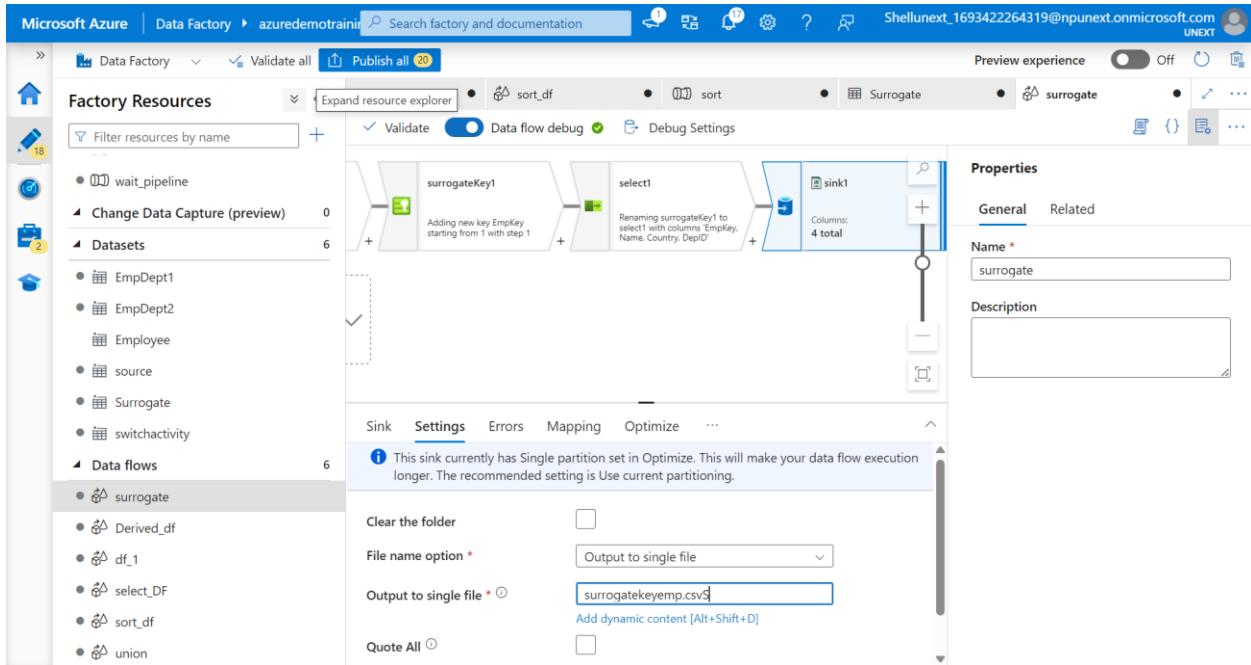
All status Monitor in Azure Metrics Export to CSV

Showing 1 - 1 of 1 items

Activity name	Activity status	Run start	Duration
Data flow1	Succeeded	9/7/2023, 2:02:54 PM	1m 8s



SURROGATE KEY TRANSFORMATION



Microsoft Azure | Data Factory > azuredemotraining | Search factory and documentation

Publish all 21

Factory Resources

- Pipelines
 - conditionalsplit
 - Derived
 - MappingDataFlow
 - surrogate**
 - sort
 - switch_pipeline
 - union
 - wait_pipeline
- Change Data Capture (preview) 0
- Datasets 6
 - EmpDept1
 - EmpDept2
 - Employee
 - source
 - Surrogate

sort_df

Validate all | Publish all 21 | Preview experience Off

Data flow

Data flow1

Properties

General Related

Name * surrogate

Description

Annotations

+ New

Parameters Variables Settings Output

Pipeline run ID: 4df903f2-5971-47e8-9177-71046b873bf0 Pipeline status consumption

All status Monitor in Azure Metrics Export to CSV

Showing 1 - 1 of 1 items

Activity name	Activity status	Run start	Duration
Data flow1	Succeeded	9/7/2023, 2:12:57 PM	1m 7s

AGGREGATE TRANSFORMATION

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Publish all 22

Factory Resources

- Pipelines
 - conditionalsplit
 - Derived
 - MappingDataFlow
 - surrogate**
 - sort
 - switch_pipeline
 - union
 - wait_pipeline
- Change Data Capture (preview) 0
- Datasets 6
 - EmpDept1
 - EmpDept2
 - Employee
 - source
 - Surrogate

sort

Validate | Data flow debug | Debug Settings | Preview experience Off

source1 | aggregate1 | sink1

Properties

General Related

Name * Aggregate_df

Description

Settings

This sink currently has Single partition set in Optimize. This will make your data flow execution longer. The recommended setting is Use current partitioning.

Sink Settings Errors Mapping Optimize ...

Add Source

Clear the folder

File name option * Output to single file

Output to single file * Aggregate.csv

Quote All

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Validate all Publish all 25 Preview experience Off Pipeline validation output

Factory Resources

Pipelines

- conditionalsplit
- Derived
- MappindDataFlow
- aggregate
- sort
- surrogate
- switch_pipeline
- union
- wait_pipeline

Change Data Capture (preview) 0

Datasets

- EmpDept1
- EmpDept2
- Employee
- source

Data flow

Name: aggregate

Description:

Annotations

Settings

Data flow: Aggregate_df

Run on (Azure IR): AutoResolveIntegrations

Compute size: Small

Properties

General Related

Name: aggregate

Description:

Annotations

New

Close

Your pipeline has been validated.

No errors were found.

This screenshot shows the Microsoft Azure Data Factory validation interface. A pipeline named 'aggregate' has been successfully validated. The validation results indicate no errors were found. The pipeline details show it's a Data flow named 'Aggregate_df' running on an Azure Integration Runtime (AutoResolveIntegrations) with a small compute size. The pipeline consists of a single step named 'aggregate'.

LOOKUP TRANSFORMATION

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Validate all Publish all 25 Preview experience Off

Factory Resources

Data flows

- Aggregate_df
- LOOKUP_DF
- Derived_df
- df_1
- select_DF
- sort_df
- surrogate
- union

Power Query 0

surrogate ● Aggregate_df ● aggregate ● LOOKUP_DF ● lookup

Validate Data flow debug Debug Settings

source1 + lookup1 sink1

source2 +

Properties

General Related

Name: LOOKUP_DF

Description:

Sink Settings Errors Mapping Optimize ...

Clear the folder

File name option: Output to single file

Output to single file: lookup.csv

Quote All

Headers: Enter expression... ANY

This screenshot shows a data flow named 'LOOKUP_DF'. It consists of two source components ('source1' and 'source2') merging into a 'lookup1' component, which then merges into a 'sink1' component. The 'sink1' component is configured to output to a single file named 'lookup.csv' in CSV format. The 'Settings' tab of the sink properties is selected.

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Validate all Publish all 25

Factory Resources

Activities

Data flow

Properties

Name: lookup

Description:

Annotations

This screenshot shows the Microsoft Azure Data Factory interface. On the left, the 'Factory Resources' sidebar lists various activities like 'lookup', 'sort', and 'switch_pipeline'. In the center, a 'Data flow' activity named 'Data flow1' is selected. The 'Properties' pane on the right shows the activity's name as 'lookup' and its description field is empty. The 'Annotations' section has a '+ New' button.

Pipeline Using REST

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Validate all Publish all 20

Factory Resources

Pipelines

Activities

Copy data

Properties

Name: rest

Description:

Annotations

This screenshot shows the Microsoft Azure Data Factory interface. On the left, the 'Factory Resources' sidebar lists pipelines, datasets, and other resources. A pipeline named 'rest' is selected. The 'Activities' pane shows a 'Copy data' activity named 'Copy data1'. The 'Properties' pane on the right shows the pipeline's name as 'rest' and its description field is empty. The 'Annotations' section has a '+ New' button.