

SWITCH

The screenshot shows the Microsoft Azure Data Factory portal. The left sidebar contains navigation options: Dashboards, Runs, Pipeline runs (selected), Trigger runs, Change Data Capture (previ...), Runtimes & sessions, Integration runtime, Data flow debug, Notifications, and Alerts & metrics. The main area displays 'All pipeline runs > pipeline1 - Activity runs'. A 'Switch' activity is highlighted, and its output is shown in a pop-up window. The output is a JSON object with the following fields:

```
{
  "dataRead": 574,
  "dataWritten": 574,
  "filesRead": 1,
  "filesWritten": 1,
  "sourcePeakConnections": 1,
  "sinkPeakConnections": 1,
  "copyDuration": 6,
  "throughput": 0.574,
}
```

Below the output window, a table lists the pipeline runs:

Run start	Duration	Integration runtime	User properties	Activ
Copy data1	9s	AutoResolveIntegrator	8172l	
Switch1	11s		754d	

WAIT AND SET VARIABLE

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All pipeline runs > pipeline2wait - Activity runs

Rerun Cancel Refresh Update pipeline List Gantt

Wait Set variable

Wait1 (x) Set variable1

Activity runs

Pipeline run ID 5a805df0-d9a8-48e4-b6a8-38876cbf694a

All status Monitor in Azure Metrics Export to CSV

Showing 1 - 2 items

Activity name	Activity status	Run start	Duration	Integration runtime	User properties	Activ
Set variable1	Succeeded	9/7/2023, 10:35:27 AM	Less than 1s		cef7fi	
Wait1	Succeeded	9/7/2023, 10:34:11 AM	1m 16s		60a2l	

75°F Partly sunny 10:36 AM 9/7/2023

DATA FLOW BASIC PIPELINE

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Factory Resources

Filter resources by name

Pipelines

- pipeline1
- pipeline_select_df
- pipeline2wait
- pipelinedataflow

Change Data Capture (preview)

Datasets

- Employee
- sink
- SourceCSV
- Switchdataset1

Data flows

- dataflow1
- Select_DF
- Power Query

Activities

Search activities

- Move and transform
- Synapse
- Azure Data Explorer
- Azure Function
- Batch Service
- Databricks
- Data Lake Analytics
- General
- HDInsight
- Iteration & conditionals
- Machine Learning
- Power Query

pipeline2wait dataflow1 sink pipelinedataflow

Validate Debug Add trigger Data flow debug

Data flow

Data flow1

General Settings Parameters User properties

Data flow * dataflow1 Open + New

Run on (Azure IR) * AutoResolveIntegrationRuntime

Compute size * Small

Advanced

Logging level * Verbose Basic None

79°F Partly sunny 11:58 AM 9/7/2023

WhatsApp | saakshidf - Microsoft Azure | saakshidatfactory - Azure Data | Lumen

adf.azure.com/en/authoring/dataflow/dataflow1?factory=%2Fsubscriptions%2F88432af5-a8c5-4a14-9e6b-03a56490777e%2FresourceGroups%2Fazu... | Search factory and documentation | Shellunext_1693422655111@npunext.onmicrosoft.com

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Data Factory | Validate all | Publish all | Preview experience: Off

Factory Resources

- Pipelines (4)
 - pipeline1
 - pipeline_select_df
 - pipeline2wait
 - pipelinedataflow
- Change Data Capture (preview) (0)
- Datasets (4)
 - Employee
 - sink
 - SourceCSV
 - Switchdataset1
- Data flows (2)
 - dataflow1
 - Select_DF
- Power Query (0)

dataflow1

source1 (Import data from SourceCSV) + sink1 (Columns: 8 total)

Add Source

Sink Settings Errors Mapping Optimize Inspect Data preview

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 * Source_Tgt.txt

Quote All ☐

79°F Partly sunny | Search | 11:58 AM 9/7/2023

DATA FLOW SELECT

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adf.azure.com/en/authoring/dataflow/Select_DF?factory=%2Fsubscriptions%2F88432af5-a8c5-4a14-9e6b-03a56490777e%2FresourceGroups%2Fazu... | Search factory and documentation | Shellunext_1693422655111@npunext.onmicrosoft.com

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Data Factory | Validate all | Publish all | Preview experience: Off

Factory Resources

- Pipelines (4)
 - pipeline1
 - pipeline_select_df
 - pipeline2wait
 - pipelinedataflow
- Change Data Capture (preview) (0)
- Datasets (4)
 - Employee
 - sink
 - SourceCSV
 - Switchdataset1
- Data flows (2)
 - dataflow1
 - Select_DF
- Power Query (0)

Select_DF

source1 + select1 + Department1 + sink1 + Department2 + sink2

Add Source

Parameters Settings

+ New

Properties

General Related

Name * Select_DF

Description

79°F Partly sunny | Search | 12:00 PM 9/7/2023

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adf.azure.com/en/authoring/pipeline/pipeline_select_df?factory=%2Fsubscriptions%2F88432af5-a8c5-4a14-9e6b-03a56490777e%2FresourceGroups...

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Data Factory | Validate all | Publish all | Preview experience | Off

Factory Resources | Filter resources by name | Pipelines | pipeline1 | pipeline_select_df | pipeline2wait | pipelinedataflow | Change Data Capture (preview) | Datasets | Employee | sink | SourceCSV | Switchdataset1 | Data flows | dataflow1 | Select_DF | Power Query

Activities | Search activities | Move and transform | Copy data | Data flow | Synapse | Azure Data Explorer | Azure Function | Batch Service | Databricks | Data Lake Analytics | General | HDInsight | Iteration & conditionals | Machine Learning

Data flow | Data flow1 | General | Settings | Parameters | Data flow * | Select_DF | Run on (Azure IR) * | AutoResolveIntegrationRuntime | Compute size * | Small

Properties | General | Related | Name | pipeline_select_df | Description | Annotations | + New

79°F Partly sunny | Search | 12:02 PM 9/7/2023

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portal.azure.com/#view/Microsoft_Azure_Storage/ContainerMenuBlade/~/overview/storageAccountId/%2Fsubscriptions%2F88432af5-a8c5-4a1...

Microsoft Azure | Search resources, services, and docs (G+)

All services > saakshidf | Containers >

f-demo | Container

Search | Upload | Change access level | Refresh | Delete | Change tier | Acquire lease | Break lease | View snapshots

Overview | Diagnose and solve problems | Access Control (IAM) | Settings | Shared access tokens | Access policy | Properties | Metadata

Authentication method: Access key (Switch to Azure AD User Account) | Location: f-demo

Search blobs by prefix (case-sensitive) | Show deleted blobs

Add filter

Name	Modified	Access tier	Archive status	Blob type	Size
Switch1					
_SUCCESS	07/09/2023, 11:29:28	Hot (Inferred)		Block blob	0 B
Emp_Department_2.txt	07/09/2023, 12:06:50	Hot (Inferred)		Block blob	126
part-00000-d81bf8a2-faf1-4e40-8311-7304b193b89c-...	07/09/2023, 11:29:27	Hot (Inferred)		Block blob	579
Select_output.txt	07/09/2023, 12:06:48	Hot (Inferred)		Block blob	149

79°F Partly sunny | Search | 12:07 PM 9/7/2023

DERIVED COLUMN DATA FLOW

This screenshot shows the Microsoft Azure Data Factory interface. The left sidebar displays the 'Factory Resources' tree, including Pipelines, Datasets, and Data flows. The main canvas shows a Data Flow activity named 'derivedColumn1' in the 'Data flow debug' view. The flow starts with a 'source1' (Import data from Employee), followed by a transformation step 'derivedColumn1' (Creating/updating the columns 'empid, name, country, department, CurrentDate'), and ends with a 'sink1' (Columns: 5 total). A 'Publishing' notification is visible in the top right corner, indicating that changes are being deployed to the factory.

This screenshot shows the Microsoft Azure Data Factory interface with the 'pipeline_derived_df' Data Flow activity selected. The left sidebar shows the 'Factory Resources' tree. The main canvas displays the 'Data flow' activity 'Data flow1' in the 'Settings' view. The 'Settings' tab shows the following configuration: 'Data flow' is set to 'Derived_DF', 'Run on (Azure IR)' is set to 'AutoResolveIntegrationRuntime', and 'Compute size' is set to 'Small'. The 'Properties' panel on the right shows the 'Name' as 'pipeline_derived_df' and the 'Description' field is empty. The 'Activities' panel on the left shows a list of activities, including 'Copy data', 'Data flow', 'Synapse', 'Azure Data Explorer', 'Azure Function', 'Batch Service', 'Databricks', 'Data Lake Analytics', 'General', 'HDI Insight', 'Iteration & conditionals', and 'Machine Learning'.

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» Dashboards
Runs
Pipeline runs
Trigger runs
Change Data Capture (previ...
Runtimes & sessions
Integration runtimes
Data flow debug
Notifications
Alerts & metrics

All pipeline runs > pipeline_derived_df - Activity runs

Rerun Cancel Refresh Update pipeline List Gantt

Data flow
Data flow1

Activity runs
Pipeline run ID: be8e1a4b-a40a-421c-a16f-752d2cf4035a

All status Monitor in Azure Metrics Export to CSV

Showing 1 - 1 items

Activity name	Activity status	Run start	Duration	Integration runtime	User properties	Activ
Data flow1	Succeeded	9/7/2023, 12:22:04 PM	3m 26s	AutoResolveIntegrator		1c7b1

Upcoming earnings

Microsoft Azure | Search resources, services, and docs (G+)

All services > saakshidf | Containers >

f-demo
Container

Search

Upload Change access level Refresh Delete Change tier Acquire lease Break lease View snapshots

Authentication method: Access key (Switch to Azure AD User Account)
Location: f-demo

Search blobs by prefix (case-sensitive) Show deleted blobs

Add filter

Name	Modified	Access tier	Archive status	Blob type	Size
Switch1					
_SUCCESS	07/09/2023, 11:29:28	Hot (Inferred)		Block blob	0 B
Derived_Column.txt	07/09/2023, 12:25:25	Hot (Inferred)		Block blob	298
Emp_Department_2.txt	07/09/2023, 12:06:50	Hot (Inferred)		Block blob	126
part-00000-d81bf8a2-faf1-4e40-8311-7304b193b89c-...	07/09/2023, 11:29:27	Hot (Inferred)		Block blob	579
Select_output.txt	07/09/2023, 12:06:48	Hot (Inferred)		Block blob	149

Upcoming earnings

UNION DATA FLOW

The screenshot displays the Microsoft Azure Data Factory portal interface. The left sidebar shows the 'Factory Resources' pane with a list of datasets (dept1, Dept2, Employee, sink, SourceCSV, Switchdataset1) and data flows (dataflow1, Union_DF, Derived_DF, Select_DF, Power Query). The main canvas shows the 'Union_DF' pipeline design. It consists of two input datasets, 'dept1' and 'Dept2', which are connected to a 'union1' activity. The 'union1' activity is described as 'Combining rows from transformation EmpDept1, EmpDept2'. The output of the union activity is connected to a 'sink1' activity, which is described as 'Export data to sink'. The pipeline is named 'Union_DF' and is currently in a 'Validate' state. The bottom of the screen shows the Windows taskbar with the time 1:58 PM on 9/7/2023.

The screenshot displays the Microsoft Azure Data Factory portal interface, specifically the 'All pipeline runs' view for the 'pipelineunion - Activity runs'. The left sidebar shows the 'Runs' section with a list of pipeline runs. The main canvas shows the 'Activity runs' section for the 'Data flow1' activity. The activity runs are listed in a table with columns: Activity name, Activity status, Run start, Duration, Integration runtime, User properties, and Activ. The table shows one activity run for 'Data flow1' with a status of 'Succeeded' and a duration of 3m 23s. The bottom of the screen shows the Windows taskbar with the time 1:58 PM on 9/7/2023.

Activity name	Activity status	Run start	Duration	Integration runtime	User properties	Activ
Data flow1	Succeeded	9/7/2023, 1:54:37 PM	3m 23s	AutoResolveIntegrator		75dc

SORT DATAFLOW

The screenshot displays the Microsoft Azure Data Factory interface. The top navigation bar shows the 'Data Factory' tab and the 'Sort_DF' data flow. The left sidebar lists 'Factory Resources' including 'Data flows' and 'Datasets'. The main canvas shows a data flow diagram with three components: 'source1' (Import data from Employee), 'sort1' (Sorting rows on columns 'empid, name'), and 'sink1' (Columns: 4 total). Below the diagram, the 'Settings' tab is active, showing options for 'Clear the folder', 'File name option' (Output to single file), 'Output to single file' (Sorted_Dataset.txt), 'Quote All', and 'Headers'.

The screenshot displays the Microsoft Azure Data Factory interface, showing the 'Properties' tab for the 'Sort_DF' data flow. The left sidebar lists 'Factory Resources' including 'Data flows' and 'Datasets'. The main canvas shows the 'Properties' tab with fields for 'Name' (pipelinesort) and 'Description'. Below the 'Properties' tab, the 'Settings' tab is active, showing options for 'Data flow' (Sort_DF), 'Run on (Azure IR)' (AutoResolveIntegrationRuntime), and 'Compute size' (Small).

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adf.azure.com/en/monitoring/pipeline/runs/a7ba0cb4-cd3c-46d8-aaeb-34174cfa75f6?factory=%2Fsubscriptions%2F88432af5-a8c5-4a14-9e6b-03a5...

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Dashboards

Runs

Pipeline runs

Trigger runs

Change Data Capture (previ...

Runtimes & sessions

Integration runtimes

Data flow debug

Notifications

Alerts & metrics

All pipeline runs > pipelinesort - Activity runs

Rerun Cancel Refresh Update pipeline List Gantt

Data flow

Data flow1

Activity runs

Pipeline run ID a7ba0cb4-cd3c-46d8-aaeb-34174cfa75f6

All status Monitor in Azure Metrics Export to CSV

Showing 1 - 1 items

Activity name	Activity status	Run start	Duration	Integration runtime	User properties	Activ
Data flow1	Succeeded	9/7/2023, 2:02:54 PM	3m 16s	AutoResolveIntegrator		198fe

Upcoming earnings

2:09 PM 9/7/2023

SURROGATE KEY DATA FLOW

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adf.azure.com/en/authoring/dataflow/SURROGATEKEY_DF?factory=%2Fsubscriptions%2F88432af5-a8c5-4a14-9e6b-03a56490777e%2FresourceGrou...

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Data Factory Validate all Publish all Preview experience Off

Factory Resources

Filter resources by name

- dept1
- Dept2
- Employee
- sink
- SourceCSV
- SurrogateKeyDataset
- Switchdataset1

Data flows

- dataflow1
- SURROGATEKEY_DF
- Derived_DF
- Select_DF
- Sort_DF
- Union_DF

Power Query

ort_DF pipelinesort SurrogateKeyDataset SURROGATEKEY_DF pipelinesk

Validate Data flow debug

source1 Import data from SurrogateKeyDataset

surrogateKey1 Adding new key SKEmpKey starting from 1 with step 1

sink1 Columns: 4 total

Sink Settings Errors Mapping Optimize Inspect Data preview

Options

- ☒ Skip duplicate input columns
- ☒ Skip duplicate output columns

☐ Auto mapping Reset Add mapping Delete Output format 4 mappings: All inputs mapped

Input columns Output columns

Name Name

82°F Mostly cloudy

2:27 PM 9/7/2023

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adf.azure.com/en/authoring/pipeline/pipeline2?factory=%2Fsubscriptions%2F88432af5-a8c5-4a14-9e6b-03a56490777e%2FresourceGroups%2Fazur... Shellunext_1693422655111@npunext.onmicrosoft.com UNEXT

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Data Factory Validate all Publish all

Factory Resources

- Pipelines 8
 - pipeline1
 - pipelinesk
 - pipeline2wait
 - pipeline_derived_df
 - pipeline_select_df
 - pipelinedataflow
 - pipelinesort
 - pipelineunion
- Change Data Capture (preview) 0
- Datasets 7
 - dept1
 - Dept2
 - Employee
 - sink

Activities

- Move and transform
 - Copy data
 - Data flow
- Synapse
- Azure Data Explorer
- Azure Function
- Batch Service
- Databricks
- Data Lake Analytics
- General
- HDInsight
- Iteration & conditionals
- Machine Learning

Data flow

Data flow1

Properties

General Related

Name pipelinesk

Description

Annotations

+ New

82°F Mostly cloudy 2:27 PM 9/7/2023

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adf.azure.com/en/monitoring/pipeline/runs/3094f5f3-109f-469b-bff6-3d6e15b1d07c?factory=%2Fsubscriptions%2F88432af5-a8c5-4a14-9e6b-03a56... Shellunext_1693422655111@npunext.onmicrosoft.com UNEXT

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Dashboards

Runs

- Pipeline runs
- Trigger runs
- Change Data Capture (previ...

Runtimes & sessions

- Integration runtimes
- Data flow debug

Notifications

- Alerts & metrics

All pipeline runs > pipelinesk - Activity runs

Rerun Cancel Refresh Update pipeline List Gantt

Data flow

Data flow1

Activity runs

Pipeline run ID 3094f5f3-109f-469b-bff6-3d6e15b1d07c

All status

Showing 1 - 1 items

Activity name	Activity status	Run start	Duration	Integration runtime	User properties	Activ
Data flow1	Succeeded	9/7/2023, 2:27:02 PM	3m 37s	AutoResolveIntegratior	48d0.	

82°F Mostly cloudy 2:31 PM 9/7/2023

FILTER DATAFLOW

The screenshot displays the Microsoft Azure Data Factory portal interface. The top navigation bar shows the URL: `adf.azure.com/en/authoring/dataflow/Filter_DF?factory=%2Fsubscriptions%2F88432af5-a8c5-4a14-9e6b-03a56490777e%2FresourceGroups%2Fazur...`. The left sidebar contains the 'Factory Resources' pane with a search bar and a list of pipelines and datasets. The main canvas shows the 'Filter_DF' pipeline configuration. The pipeline consists of three components: 'source1' (Import data from EmpText), 'filter1' (Filtering rows using expressions on columns 'department'), and 'sink1' (Columns: 6 total). The 'filter1' component is highlighted, and its configuration is shown in the 'Sink' tab. The configuration includes: 'Output stream name' (sink1), 'Description' (Export data to sink), 'Incoming stream' (filter1), and 'Sink type' (Dataset). The 'Data preview' tab is also visible.

The screenshot displays the Microsoft Azure Data Factory portal interface. The top navigation bar shows the URL: `adf.azure.com/en/authoring/pipeline/pipelinefilter?factory=%2Fsubscriptions%2F88432af5-a8c5-4a14-9e6b-03a56490777e%2FresourceGroups%2Fazur...`. The left sidebar contains the 'Factory Resources' pane with a search bar and a list of pipelines and datasets. The main canvas shows the 'pipelinefilter' pipeline configuration. The pipeline consists of a single component: 'Data flow' (Data flow1). The 'Data flow' component is highlighted, and its configuration is shown in the 'Settings' tab. The configuration includes: 'Data flow' (Filter_DF), 'Run on (Azure IR)' (AutoResolveIntegrationRuntime), and 'Compute size' (Small). The 'Properties' pane on the right shows the 'General' tab with the 'Name' (pipelinefilter) and 'Description' fields.

BRANCHING AND MULTIPLE FILTER

The screenshot displays the Microsoft Azure Data Factory portal. The left sidebar shows the 'Factory Resources' tree with 'Data flows' expanded, listing 'dataflow1' and 'dataflow2'. The main canvas shows a data flow named 'dataflow2' with a branching structure. The top path consists of 'source1' (Import data from EmpText), 'filter2' (Filtering rows using expressions on columns: department), and 'sink2' (Columns: 6 total). The bottom path consists of 'source1' (Import data from EmpText), 'filter1' (Filtering rows using expressions on columns: department), and 'sink1' (Export data to sink). The bottom panel shows the 'Sink' settings for 'sink', with options for 'Dataset', 'Skip line count', and 'Options' (Allow schema drift, Validate schema). The bottom status bar shows the system clock as 2:43 PM on 9/7/2023.

AGGREGATE DATA FLOW

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adf.azure.com/en/authoring/dataflow/dataflow2?factory=%2Fsubscriptions%2F88432af5-a8c5-4a14-9e6b-03a56490777e%2FresourceGroups%2Fazu...

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Data Factory | Validate all | Publish all | Preview experience: Off

Factory Resources

- Pipelines: 9
- Change Data Capture (preview): 0
- Datasets: 8
- Data flows: 8
 - dataflow1
 - Aggregate_DF
 - Derived_DF
 - Filter_DF
 - Select_DF
 - Sort_DF
 - SURROGATEKEY_DF
 - Union_DF
- Power Query: 0

Aggregate_DF

pipelinesk | EmpText | Filter_DF | pipelinefilter | Aggregate_DF

Validate | Data flow debug

Add Source

source1 | aggregate1 | sink1

Import data from EmpText | Columns: 2 total | Export data to sink

Aggregate settings

Optimize | Inspect | Data preview

Description: Aggregating data by department producing columns 'TotalEmployees'

Incoming stream: source1

Group by: Aggregates

Columns: department | Name as: department

85°F Mostly cloudy | 2:47 PM 9/7/2023

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adf.azure.com/en/authoring/pipeline/pipeline2?factory=%2Fsubscriptions%2F88432af5-a8c5-4a14-9e6b-03a56490777e%2FresourceGroups%2Fazu...

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Data Factory | Validate all | Publish all | Preview experience: Off

Factory Resources

- Pipelines: 10
 - pipeline1
 - pipelineaggregate
 - pipeline2wait
 - pipeline_derived_df
 - pipeline_select_df
 - pipelinedataflow
 - pipelinefilter
 - pipelinesk
 - pipelinesort
 - pipelineunion
- Change Data Capture (preview): 0
- Datasets: 8
- Data flows: 8
 - dataflow1

pipelineaggregate

EmpText | Filter_DF | pipelinefilter | Aggregate_DF | pipelineaggregate

Validate | Debug | Add trigger | Data flow debug

Activities

Search activities

- Move and transform
 - Copy data
 - Data flow
- Synapse
 - Azure Data Explorer
 - Azure Function
 - Batch Service
 - Databricks
 - Data Lake Analytics
- General
 - HDInsight
- Iteration & conditionals
- Machine Learning

Data flow

Data flow1

Properties

General | Related

Name: pipelineaggregate

Description:

Annotations: + New

Settings

Data flow: Aggregate_DF

Run on (Azure IR): AutoResolveIntegrationRuntime

Compute size: Small

85°F Mostly cloudy | 2:47 PM 9/7/2023

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adf.azure.com/en/monitoring/pipeline/runs/6b8e371a-5b7c-4de7-90f7-092af78a256?factory=%2Fsubscriptions%2F88432af5-a8c5-4a14-9e6b-03a56... UNEXT

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» Dashboards
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Runtimes & sessions
Integration runtimes
Data flow debug
Notifications
Alerts & metrics

All pipeline runs > pipelineaggregate - Activity runs

Rerun Cancel Refresh Update pipeline List Gantt

Data flow Data flow1

Activity runs

Pipeline run ID 6b8e371a-5b7c-4de7-90f7-092af78a256

All status Monitor in Azure Metrics Export to CSV

Showing 1 - 1 items

Activity name	Activity status	Run start	Duration	Integration runtime	User properties	Activ
Data flow1	Succeeded	9/7/2023, 2:49:06 PM	3m 30s	AutoResolveIntegrator		9349!

85°F Mostly cloudy 2:53 PM 9/7/2023

JOIN DATA FLOW

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adf.azure.com/en/authoring/dataflow/Join_DF?factory=%2Fsubscriptions%2F88432af5-a8c5-4a14-9e6b-03a56490777e%2FresourceGroups%2Fazure... UNEXT

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Data Factory Validate all Publish all Preview experience Off

Factory Resources

Filter resources by name

Pipelines 10

- pipeline1
- pipelineaggregate
- pipeline2wait
- pipeline_derived_df
- pipeline_select_df
- pipelinedataflow
- pipelinefilter
- pipelinesk
- pipelinesort
- pipelineunion

Change Data Capture (preview) 0

Datasets 9

- Department
- dept1

pipelinefilter Aggregate_DF pipelineaggregate Department Join_DF

Validate Data flow debug

Employee join1 4 Columns

Department

Properties

General Related

Name * Join_DF

Description

Sink Settings Errors Mapping Optimize

Input columns Output columns

abc empid	empid
abc name	empname
abc country	country
abc department	deptname

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Microsoft Azure | Data Factory | saakshidatfactory | Search factory and documentation | Shellunext_1693422655111@npunext.onmicrosoft.com | UNEXT

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 | Preview experience: Off

Factory Resources

Filter resources by name

- Pipelines (11)
 - pipeline1
 - pipeline2**
 - pipeline2wait
 - pipeline_derived_df
 - pipeline_select_df
 - pipelineaggregate
 - pipelinedataflow
 - pipelinefilter
 - pipelinesk
 - pipelinesort
 - pipelineunion
- Change Data Capture (preview) (0)
- Datasets (9)
- Department

Activities

Search activities

- Move and transform
 - Copy data
 - Data flow
- Synapse
- Azure Data Explorer
- Azure Function
- Batch Service
- Databricks
- Data Lake Analytics
- General
- HDInsight
- Iteration & conditionals
- Machine Learning

Data flow

General | **Settings** | Parameters

Data flow * | Join_DF | Open

Run on (Azure IR) * | AutoResolveIntegrationRuntime

Compute size * | Small

Properties

General | Related

Name * | pipeline2

Description

Annotations

+ New

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All pipeline runs > pipeline2 - Activity runs

Rerun | Cancel | Refresh | Update pipeline | List | Gantt

Activity runs

Pipeline run ID 47d551a7-04be-4765-9216-1f110bce9e4a

All status | Monitor in Azure Metrics | Export to CSV

Showing 1 - 1 items

Activity name	Activity status	Run start	Duration	Integration runtime	User properties	Activ
Data flow1	Succeeded	9/7/2023, 3:00:17 PM	3m 34s	AutoResolveIntegratior	1733!	

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LOOKUP DATA FLOW

This screenshot displays the Microsoft Azure Data Factory interface for a pipeline named 'pipeline2'. The pipeline is a 'Lookup Data Flow' type, designed to look up data from one source (Department) into another (Employee). The visual representation shows two input streams: 'Employee' (Import data from Employee) and 'Department' (Import data from Department). These streams converge at a 'lookup1' activity, which is configured with 'Columns: 6 total'. The output of the lookup activity flows into a 'sink1' activity (Export data to sink). The 'Lookup settings' pane on the right provides configuration details: the 'Output stream name' is 'lookup1', the 'Description' is 'Lookup on 'Employee' from 'Department'', the 'Primary stream' is 'Employee', and the 'Lookup stream' is 'Department'. The left sidebar shows the 'Factory Resources' tree, with 'Data flows' expanded to show 'Lookup_DF' selected. The top navigation bar includes the Microsoft Azure logo, the Data Factory name 'saakshidatfacto', and a search bar. The bottom status bar shows the system time as 3:27 PM on 9/7/2023.

This screenshot shows the Microsoft Azure Data Factory interface for a pipeline named 'pipeline2', specifically focusing on the configuration of a 'pipelinelookup' activity. The 'Activities' pane on the left lists various activities under 'Move and transform', including 'Copy data', 'Data flow', and 'Synapse'. The 'pipelinelookup' activity is selected. The 'Properties' pane on the right shows the 'General' tab with the 'Name' set to 'pipelinelookup' and a blank 'Description'. The 'Settings' pane at the bottom provides configuration details for the 'Data flow' activity: the 'Data flow' is set to 'Lookup_DF', the 'Run on (Azure IR)' is set to 'AutoResolveIntegrationRuntime', and the 'Compute size' is set to 'Small'. The left sidebar shows the 'Factory Resources' tree, with 'Pipelines' expanded to show 'pipelinelookup' selected. The top navigation bar includes the Microsoft Azure logo, the Data Factory name 'saakshidatfacto', and a search bar. The bottom status bar shows the system time as 3:27 PM on 9/7/2023.