

Microsoft Azure

Search resources, services, and docs (G+/)

Copilot

odl_user_294484@udaci... UDACITY - DS (UDACITYHOLON...)

Home >

ODL-DataEng-294484

Resource group

Search

Create Manage view Delete resource group Refresh Export to CSV Open query Assign tags Move Delete ... Group by none

Overview

Essentials

Resources Recommendations

Filter for any field... Type equals all Location equals all Add filter

Name ↑	Type	Location
nycdatabase (nycsqlserver/nycdatabase)	SQL database	West US 2
nycdatafactorypayroll	Data factory (V2)	East US 2
nycsqlserver	SQL server	West US 2
nystoragepayroll	Storage account	West US 2
synapsenccpayroll	Synapse workspace	West US 2

Add or remove favorites by pressing **Ctrl+Shift+F**

Showing 1 - 5 of 5. Display count: auto

Give feedback

16°C Mostly sunny

Search

11:32 22-01-2026 ENG IN

Proctor sent a message | Data Integration Pipelines for N | nycdatafactorypayroll - Azure D | synapsenycpayroll - Azure Syn | nyccontainer - Microsoft Azure +

portal.azure.com/#view/Microsoft_Azure_Storage/ContainerMenuBlade/~/overview/storageAccountId/%2Fsubscriptions%2F15b04e09-3cfe-4bb6-9247-741da7443379%2Freso... | DBMS Architecture... | DBMS – Architectur... | 10 Essential Java Int... | synapsepipeline - A... | All Bookmarks

Microsoft Azure | Search resources, services, and docs (G+/) | Copilot | 11 | ⚙️ | 🌐 | 🔍 | odl_user_294484@udaci... UDACITY - DS (UDACITYHOLON... | 🔒

Home > ODL-DataEng-294484 > nycstoragepayroll | Containers >

nyccontainer Container

Search | Add Directory | Upload | Refresh | Delete | Copy | Paste | Rename | Acquire lease | Break lease | Edit columns

Overview

Diagnose and solve problems | Access Control (IAM) | Settings

Authentication method: Access key ([Switch to Microsoft Entra user account](#))

Search blobs by prefix (case-sensitive) | Only show active objects

Showing all 4 items

<input type="checkbox"/>	Name	Last modified	Access tier	Blob type	Size	Lease state	...
<input type="checkbox"/>	[..]						...
<input type="checkbox"/>	AgencyMaster.csv	1/22/2026, 9:39:27 AM	Hot (Inferred)	Block blob	4.9 KiB	Available	...
<input type="checkbox"/>	EmpMaster.csv	1/22/2026, 9:39:27 AM	Hot (Inferred)	Block blob	23.04 KiB	Available	...
<input type="checkbox"/>	TitleMaster.csv	1/22/2026, 9:39:28 AM	Hot (Inferred)	Block blob	49.04 KiB	Available	...
<input type="checkbox"/>	nycpayroll_2021.csv	1/22/2026, 9:39:27 AM	Hot (Inferred)	Block blob	16.45 KiB	Available	...

Add or remove favorites by pressing **Ctrl+Shift+F**

4 16°C Mostly sunny | Search | ⚡️ | 📁 | 💡 | 📈 | 🎬 | ⚡️ | ENG IN | 11:32 | 22-01-2026

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portal.azure.com/#view/Microsoft_Azure_Storage/ContainerMenuBlade/~/overview/storageAccountId/%2Fsubscriptions%2F15b04e09-3cfe-4bb6-9247-741da7443379%2Freso... | DBMS Architecture... | DBMS – Architectur... | 10 Essential Java Int... | synapsepipeline - A... | All Bookmarks

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Home > ODL-DataEng-294484 > nycstoragepayroll | Containers >

nyccontainer Container

Search | Add Directory | Upload | Refresh | Delete | Copy | Paste | Rename | Acquire lease | Break lease | Edit columns

Overview

Diagnose and solve problems | Access Control (IAM) | Settings

Authentication method: Access key ([Switch to Microsoft Entra user account](#))

Search blobs by prefix (case-sensitive) | Only show active objects

Showing all 1 items

<input type="checkbox"/>	Name	Last modified	Access tier	Blob type	Size	Lease state	...
<input type="checkbox"/>	[..]						...
<input type="checkbox"/>	nycpayroll_2020.csv	1/22/2026, 9:39:43 AM	Hot (Inferred)	Block blob	17.07 KiB	Available	...

Add or remove favorites by pressing **Ctrl+Shift+F**

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Proctor sent a message | Data Integration Pipelines for N... | nycdatafactorypayroll - Azure D... | synapsenccpayroll - Azure Syna... | nycdatabase (nycsqlserver/nycd... +

portal.azure.com/#@udacityhol.onmicrosoft.com/resource/subscriptions/15b04e09-3cfe-4bb6-9247-741da7443379/resourceGroups/ODL-DataEng-294484/providers/Microsoft...

DBMS Architecture... DBMS – Architectur... 10 Essential Java Int... synapsepipeline - A... All Bookmarks

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Home > nycdatabase (nycsqlserver/nycdatabase)

nycdatabase (nycsqlserver/nycdatabase) | Query editor (preview) ☆ ...

SQL database

Search Login New Query Open query Feedback Getting started

nycdatabase (odl_user_294484@udacity...)

Showing limited object explorer here. For full capability please click here to open Azure Data Studio.

Tables

- > dbo.NYC_Payroll_AGENCY_MD
- > dbo.NYC_Payroll_Data_2020
- > dbo.NYC_Payroll_Data_2021
- > dbo.NYC_Payroll_EMP_MD
- > dbo.NYC_Payroll_Summary
- > dbo.NYC_Payroll_TITLE_MD

Views

Stored Procedures

Query 1 ×

Run Cancel query Save query Export data as Show only Editor

Results Messages

Search to filter items...

Add or remove favorites by pressing **Ctrl+Shift+F**

Ready

16°C Mostly sunny

Search

11:33 22-01-2026 ENG IN

Proctor sent a message | Data Integration Pipelines for N | nycdatafactorypayroll - Azure D | synapsenpcpayroll - Azure Syn | nycdatabase (nycsqlserver/nycd | +

web.azure-synapse.net/en/authoring/explore/workspace?workspace=%2Fsubscriptions%2F15b04e09-3cfe-4bb6-9247-741da7443379%2FresourceGroups%2FODL-DataEng-294484%2Fpr... | All Bookmarks

DBMS Architecture... DBMS – Architectur... 10 Essential Java Int... synapsepipeline - A...

Microsoft Azure | Synapse Analytics > synapsenpcpayroll

Search

Synapse live Validate all Publish all

Data

Workspace Linked

Filter resources by name

SQL database 1

- udacity (SQL)
 - External tables
 - dbo.NYC_Payroll_Summary
 - External resources
 - External data sources
 - NYC_ADLS
 - External file formats
 - Views
 - Schemas
 - Security

Select an item

Use the resource explorer to select or create a new item

4 16°C Mostly sunny

Search

11:33 22-01-2026 ENG IN

Proctor sent a message | Data Integration Pipelines for N | ... nycdatafactorypayroll - Azure D | synapsenpcpayroll - Azure Syn | nycdatabase (nycsqlserver/nycd | +

adf.azure.com/en/management/datalinkedservices?factory=%2Fsubscriptions%2F15b04e09-3fce-4bb6-9247-741da7443379%2FresourceGroups%2FODL-DataEng-294484%2Fproviders%... | All Bookmarks

DBMS Architecture... DBMS – Architectur... 10 Essential Java Int... synapsepipeline - A...

Microsoft Azure | Data Factory > nycdatafactorypayroll

Check migration readiness Run an assessment to identify which resources could be upgraded to Microsoft Fabric. Learn more about upgrading to Fabric

Start assessment (preview)

Data Factory Validate all Publish all

General

Connector upgrade advisor...

Factory settings

Connections

Linked services

Integration runtimes

Microsoft Purview

ADF in Microsoft Fabric

Source control

Git configuration

ARM template

Author

Triggers

Global parameters

Data flow libraries

Security

Credentials

Linked services

Linked service defines the connection information to a data store or compute. [Learn more](#)

+ New

Filter by name Annotations : Any

Showing 1 - 2 of 2 items

Name ↑↓	Type ↑↓	Related ↑↓	Annotations ↑↓
ls_adls_linkedservice	Azure Data Lake Storage Gen2	12	
ls_sql_linkedservice	Azure SQL Database	6	

16°C Mostly sunny

Search

11:34 22-01-2026 ENG IN

Proctor sent a message | Data Integration Pipelines for N | ... nycdatafactorypayroll - Azure D | synapsenycpayroll - Azure Syn | nycdatabase (nycsqlserver/nycd | +

adf.azure.com/en/authoring?factory=%2Fsubscriptions%2F15b04e09-3cfe-4bb6-9247-741da7443379%2FresourceGroups%2FODL-DataEng-294484%2Fproviders%2FMicrosoft.DataFactor... | DBMS Architecture... | DBMS – Architectur... | 10 Essential Java Int... | synapsepipeline - A... | All Bookmarks

Microsoft Azure | Data Factory > nycdatafactorypayroll | Search | 1 21 ? 🔍 odl_user_294484@udacityhol.onmicrosoft.com UDACITY - DS

Check migration readiness Run an assessment to identify which resources could be upgraded to Microsoft Fabric. Learn more about upgrading to Fabric | Start assessment (preview)

Data Factory ▾ Validate all Publish all

Factory Resources ▾ <>

Filter resources by name +

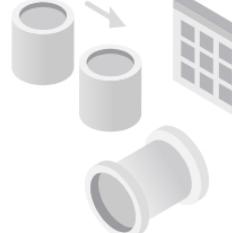
Change Data Capture (preview) 0

Datasets 12

- ds_adls_AgencyMaster
- ds_adls_EmpMaster
- ds_adls_payroll_2020
- ds_adls_payroll_2021
- ds_adls_TitleMaster
- ds_sql_EmpMaster
- ds_sql_payroll_2020
- ds_sql_payroll_2021
- ds_sql_summary
- ds_sql_TitleMaster
- ds_Sql_AgencyMaster
- ds_staging

Data flows 6

Power Query 0


Select an item
Use the resource explorer to select or create a new item

19°C Sunny | Search | 🎥 | 📁 | 🎨 | 📈 | 🌐 | ⏵ | ENG IN | WiFi | Battery | 11:35 | 22-01-2026

Proctor sent a message | Data Integration Pipelines for N... | nycdatafactorypayroll - Azure D... | synapsenycpayroll - Azure Syna... | nycdatabase (nycsqlserver/nycd... | +

adf.azure.com/en/authoring?factory=%2Fsubscriptions%2F15b04e09-3cf... | 1 | 21 | ? | ↗ | All Bookmarks

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Microsoft Azure | Data Factory > nycdatafactorypayroll

Search

Check migration readiness Run an assessment to identify which resources could be upgraded to Microsoft Fabric. Learn more about upgrading to Fabric

Start assessment (preview)

Data Factory Validate all Publish all

Factory Resources

Filter resources by name

+ ds_adls_TitleMaster
ds_sql_EmpMaster
ds_sql_payroll_2020
ds_sql_payroll_2021
ds_sql_summary
ds_sql_TitleMaster
ds_SqlAgencyMaster
ds_staging

▲ Data flows ...

dataflow_summary
df_load_agencymaster
df_load_EmpMaster
df_load_payroll_2020
df_load_payroll_2021
df_load_TitleMaster

Power Query 0

Select an item

Use the resource explorer to select or create a new item

19°C Sunny

Search

11:35 22-01-2026 ENG IN

Proctor sent a message | Data Integration Pipelines for N | nycdatafactorypayroll - Azure D | synapsenypayroll - Azure Syn | nycdatabase (nycsqlserver/nycd | +

adf.azure.com/en/authoring/pipeline/pipeline1?factory=%2Fsubscriptions%2F15b04e09-3cf8-4bb6-9247-741da7443379%2FresourceGroups%2FODL-DataEng-294484%2Fproviders%2F... | DBMS Architecture... | DBMS – Architectur... | 10 Essential Java Int... | synapsepipeline - A... | All Bookmarks

Microsoft Azure | Data Factory > nycdatafactorypayroll | Search | 1 21 ? 🔍 odl_user_294484@udacityhol.onmicrosoft.com UDACITY - DS

Check migration readiness Run an assessment to identify which resources could be upgraded to Microsoft Fabric. Learn more about upgrading to Fabric | Start assessment (preview)

Data Factory Validate all Publish all

Activities pipeline1

Validate Debug Add trigger Data flow debug

Data flow agencymaster

Data flow empmaster

Data flow titlemaster

Data flow 2020

Data flow 2021

Data flow summary

Parameters Variables Settings Output

+ New

19°C Sunny ENG IN 11:35 22-01-2026

```
graph LR; agencymaster --> 2020; empmaster --> 2020; titlemaster --> 2020; 2020 --> summary;
```

Proctor sent a message | Data Integration Pipelines for N... | nycdatafactorypayroll - Azure D... | synapsenycpayroll - Azure Syna... | nycdatabase (nycsqlserver/nycd... | +

adf.azure.com/en/authoring/dataflow/dataflow_summary?factory=%2Fsubscriptions%2F15b04e09-3cf... | DBMS Architecture... | DBMS – Architectur... | 10 Essential Java Int... | synapsepipeline - A... | All Bookmarks

Microsoft Azure | Data Factory > nycdatafactorypayroll | Search | 1 21 ? 🔍 Start assessment (preview)

Check migration readiness Run an assessment to identify which resources could be upgraded to Microsoft Fabric. Learn more about upgrading to Fabric

Data Factory Validate all Publish all

pipeline1 ds_adls_AgencyMaster dataflow_summary

Validate Data flow debug Debug Settings

source2020 union1 filter1 derivedColumn1 aggregate1 sink2

source2021

source2021

Add Source

Parameters Settings

New Delete

Nifty midcap +0.84%

Search

ENG IN

11:36 22-01-2026

Proctor sent a message | Data Integration Pipelines for N | nycdatafactorypayroll - Azure D | synapsenycpayroll - Azure Syn | nycdatabase (nycsqlserver/nycd | +

adf.azure.com/en/monitoring/pipelineruns/5433659c-192c-4c85-bd5f-1ae1b2a969ad?factory=%2Fsubscriptions%2F15b04e09-3cf8-4bb6-9247-741da7443379%2FresourceGroups%2FOD... | DBMS Architecture... | DBMS – Architectur... | 10 Essential Java Int... | synapsepipeline - A... | All Bookmarks

Microsoft Azure | Data Factory | nycdatafactorypayroll | Search | 1 | 21 | ? | 🌐 | odl_user_294484@udacityhol.onmicrosoft.com | UDACITY - DS

Check migration readiness Run an assessment to identify which resources could be upgraded to Microsoft Fabric. Learn more about upgrading to Fabric | Start assessment (preview)

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

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

Data flow agencymaster
Data flow empmaster
Data flow titlemaster
Data flow 2020
Data flow 2021
Data flow summary

Showing 1 - 6 items

Activity name	Activity st...	Activit...	Run start	Duration	Integration runtime	User prop...	Activity run ID
summary	Succeeded	Data flow	1/22/2026, 11:36:34 AM	2m 7s	AutoResolveIntegrationRuntime (East US 2)		80000c61-7307
2020	Succeeded	Data flow	1/22/2026, 11:36:03 AM	29s	AutoResolveIntegrationRuntime (East US 2)		831368f2-6d6d
2021	Succeeded	Data flow	1/22/2026, 11:36:03 AM	26s	AutoResolveIntegrationRuntime (East US 2)		ebef5f9c-90c2-
titlemaster	Succeeded	Data flow	1/22/2026, 11:30:32 AM	3m 33s	AutoResolveIntegrationRuntime (East US 2)		61e54369-e88c
empmaster	Succeeded	Data flow	1/22/2026, 11:30:32 AM	5m 29s	AutoResolveIntegrationRuntime (East US 2)		7cb12d26-8fb9
agencymaster	Succeeded	Data flow	1/22/2026, 11:30:32 AM	5m 18s	AutoResolveIntegrationRuntime (East US 2)		f8f0d52e-988b-

Rainy days ahead 19°C | Search | 🎬 | 📁 | 🎨 | 📈 | 🚧 | ENG IN | 11:39 | 22-01-2026

Proctor sent a message | Data Integration Pipelines for N | nycdatafactorypayroll - Azure D | synapsenycpayroll - Azure Syn | nycdatabase (nycsqlserver/nycdatabase) +

portal.azure.com/#@udacityhol.onmicrosoft.com/resource/subscriptions/15b04e09-3cfe-4bb6-9247-741da7443379/resourceGroups/ODL-DataEng-294484/providers/Microsoft... Copilot 11 🔍 ⚙️ 🌐

DBMS Architecture... DBMS – Architectur... 10 Essential Java Int... synapsepipeline - A... All Bookmarks

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Home > nycdatabase (nycsqlserver/nycdatabase)

nycdatabase (nycsqlserver/nycdatabase) | Query editor (preview) ⚡

Login New Query Open query Feedback Getting started

Query 1 × Query 2 ×

Run Cancel query Save query Export data as Show only Editor

```
1 SELECT TOP (1000) * FROM [dbo].[NYC_Payroll_Summary]
```

Showing limited object explorer here. For full capability please click here to open Azure Data Studio.

Tables

- dbo.NYC_Payroll_AGENCY_MD
- dbo.NYC_Payroll_Data_2020
- dbo.NYC_Payroll_Data_2021
- dbo.NYC_Payroll_EMP_MD
- dbo.NYC_Payroll_Summary
- dbo.NYC_Payroll_TITLE_MD

Views

Stored Procedures

Results Messages

Search to filter items...

FiscalYear	AgencyName	TotalPaid
2021	DEPT OF CITYWIDE ADMIN SVCS	
2021	DEPT OF ENVIRONMENT PROTECTION	
2021	DEPT OF PARKS & RECREATION	
2021	COMMUNITY COLLEGE (HOSTOS)	

Query succeeded | 1s

Rainy days ahead 19°C ENG IN 11:39 22-01-2026

The screenshot shows the Microsoft Azure Storage Container blade for the 'nyccontainer' storage account. The left sidebar includes links for Overview, Diagnose and solve problems, Access Control (IAM), and Settings. The main area displays a list of 25 blobs under the 'dirstaging' folder. The columns are Name, Last modified, Access tier, Blob type, Size, and Lease state. Each blob entry includes a checkbox, a file/folder icon, and a three-dot ellipsis menu. The 'part-00000...' blob is currently selected. The top navigation bar shows the URL as portal.azure.com/#view/Microsoft_Azure_Storage/ContainerMenuBlade/~/overview/storageAccountId/%2Fsubscriptions%2F15b04e09-3cfe-4bb6-9247-741da7443379%2Freso... and the title as 'nycstoragepayroll | Containers'.

Name	Last modified	Access tier	Blob type	Size	Lease state
[..]					
_SUCCESS	1/22/2026, 11:37:37 AM	Hot (Inferred)	Block blob	0	Available
part-00000-e4344f9a-adb1-4899-aef7-74e9604e6bab-c000...	1/22/2026, 11:37:22 AM	Hot (Inferred)	Block blob	34 B	Available
part-00005-e4344f9a-adb1-4899-aef7-74e9604e6bab-c000...	1/22/2026, 11:37:13 AM	Hot (Inferred)	Block blob	78 B	Available
part-00023-e4344f9a-adb1-4899-aef7-74e9604e6bab-c000...	1/22/2026, 11:37:13 AM	Hot (Inferred)	Block blob	89 B	Available
part-00044-e4344f9a-adb1-4899-aef7-74e9604e6bab-c000...	1/22/2026, 11:37:13 AM	Hot (Inferred)	Block blob	76 B	Available
part-00055-e4344f9a-adb1-4899-aef7-74e9604e6bab-c000...	1/22/2026, 11:37:14 AM	Hot (Inferred)	Block blob	76 B	Available
part-00065-e4344f9a-adb1-4899-aef7-74e9604e6bab-c000...	1/22/2026, 11:37:15 AM	Hot (Inferred)	Block blob	77 B	Available
part-00070-e4344f9a-adb1-4899-aef7-74e9604e6bab-c000...	1/22/2026, 11:37:15 AM	Hot (Inferred)	Block blob	76 B	Available
part-00077-e4344f9a-adb1-4899-aef7-74e9604e6bab-c000...	1/22/2026, 11:37:15 AM	Hot (Inferred)	Block blob	71 B	Available

The screenshot shows the Microsoft Azure Synapse Analytics workspace interface. The left sidebar displays the 'Data' section with 'Workspace' selected, showing a tree view of resources including 'udacity (SQL)', 'External tables', 'Views', 'Schemas', and 'Security'. The main area shows a 'SQL script 1' editor with the following SQL code:

```
1 SELECT * FROM dbo.NYC_Payroll_Summary;
```

The 'Results' tab is active, displaying the query results in a table format:

FiscalYear	AgencyName	TotalPaid
2021	DEPT OF PARKS & RECREATION	530489.66
2021	NYC HOUSING AUTHORITY	5354217.1
2021	DEPT OF HEALTH/MENTAL HYGIE...	18113426.619999994
2021	COMMUNITY COLLEGE (QUEENS...	594968.16
2021	COMMUNITY COLLEGE (LAGUAR...	560520.4
2021	DEPT OF CITYWIDE ADMIN SVCS	3746440.78
2021	DEPARTMENT OF SANITATION	6107402.320000000

A message at the bottom indicates: "00:00:03 Query executed successfully."

The 'Properties' panel on the right shows the following details for the script:

- Name ***: SQL script 1
- Description**: (empty)
- Type**: .sql script
- Size**: 90 bytes
- Results settings per query**:
 - First 5000 rows (default)
 - All rows

Microsoft Azure | Data Factory > nycdatafactorypayroll

Check migration readiness Run an assessment to identify which resources could be upgraded to Microsoft Fabric. Learn more about upgrading to Fabric

Start assessment (preview)

main branch | Validate all | Save all | Publish

Factory Resources

Pipelines

1 pipeline1

Change Data Capture (preview) 0

Datasets 12

- ds_adls_AgencyMaster
- ds_adls_EmpMaster
- ds_adls_payroll_2020
- ds_adls_payroll_2021
- ds_adls_TitleMaster
- ds_sql_EmpMaster
- ds_sql_payroll_2020
- ds_sql_payroll_2021
- ds_sql_summary
- ds_sql_TitleMaster
- ds_Sql_AgencyMaster
- ds_staging

source2020

union1

filter1

derivedColumn1

aggregate1

sink2

source2021

Number of rows + INSERT 100 * UPDATE 0 × DELETE 0

FiscalYear PayrollNumber AgencyID AgencyName EmployeeID LastName FirstName AgencyStartDate

FiscalYear	PayrollNumber	AgencyID	AgencyName	EmployeeID	LastName	FirstName	AgencyStartDate
2020	17	2120	OFFICE OF EMERGENCY MAN...	10001	GEAGER	VERONICA	NULL
2020	17	2120	OFFICE OF EMERGENCY MAN...	149612	ROTTA	JONATHAN	NULL
2020	17	2120	OFFICE OF EMERGENCY MAN...	206583	WILSON II	ROBERT	NULL

Rainy days ahead 21°C

ENG IN

13:39 22-01-2026

Microsoft Azure | Data Factory > nycdatafactorypayroll

Check migration readiness Run an assessment to identify which resources could be upgraded to Microsoft Fabric. Learn more about upgrading to Fabric

Start assessment (preview)

Factory Resources

- Pipelines: pipeline1
- Change Data Capture (preview): 0
- Datasets: 12

source2020: Import data from ds_sql_payroll_2020

union1: Combining rows from transformation 'source2020', ...

filter1: Filtering rows using expressions on columns 'FiscalYear', ...

derivedColumn1: Creating/updating the columns 'FiscalYear', ...

aggregate1: Aggregating data by 'AgencyName', ...

sink2: Export data to ds_sql_summary

source2021: Import data from ds_sql_payroll_2021

Data preview

Number of rows: 100

FiscalYear	PayrollNumber	AgencyCode	AgencyName	EmployeeID	LastName	FirstName	AgencySta
2021	996	2153	NYC HOUSING AUTHORITY	209184	MUSTACIUOLO	VITO	NULL
2021	996	2153	NYC HOUSING AUTHORITY	302330	RUSS	GREGORY	NULL
2021	816	2129	DEPT OF HEALTH/MENTAL H...	49788	HALLAHAN	PATRICK	NULL

Rainy days ahead 21°C

ENG IN

13:40 22-01-2026

Microsoft Azure | Data Factory > nycdatafactorypayroll

Check migration readiness Run an assessment to identify which resources could be upgraded to Microsoft Fabric. Learn more about upgrading to Fabric

Start assessment (preview)

main branch | Validate all | Save all | Publish

Factory Resources

- Pipelines: pipeline1
- Change Data Capture (preview): 0
- Datasets: 12

Filter resources by name

source2020 Import data from ds_sql_payroll_2020

union1 Columns: 20 total

filter1 Filtering rows using expressions on columns 'FiscalYear'

derivedColumn1 Creating/updating the columns 'FiscalYear', 'PayrollNumber',

aggregate1 Aggregating data by 'AgencyName', 'FiscalYear' producing

sink2 Export data to ds_sql_summary

source2021

Number of rows: 100

FiscalYear	PayrollNumber	AgencyID	AgencyName	EmployeeID	LastName	FirstName	AgencyStartDate
2020	17	2120	OFFICE OF EMERGENCY MAN...	10001	GEAGER	VERONICA	NULL
2020	17	2120	OFFICE OF EMERGENCY MAN...	149612	ROTTA	JONATHAN	NULL
2020	17	2120	OFFICE OF EMERGENCY MAN...	206583	WILSON II	ROBERT	NULL

Rainy days ahead 21°C

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Microsoft Azure | Data Factory | nycdatafactorypayroll

Check migration readiness Run an assessment to identify which resources could be upgraded to Microsoft Fabric. Learn more about upgrading to Fabric

Start assessment (preview)

main branch | Validate all | Save all | Publish

Factory Resources

Pipelines: 1

source2020

union1

filter1

derivedColumn1

aggregate1

sink2

source2021

Number of rows: 100

FiscalYear, PayrollNumber, AgencyID, AgencyName, EmployeeID, LastName, FirstName, AgencyStartD

FiscalYear	PayrollNumber	AgencyID	AgencyName	EmployeeID	LastName	FirstName	AgencyStartD
2021	996	NULL	NYC HOUSING AUTHORITY	209184	MUSTACIUOLO	VITO	NULL
2021	996	NULL	NYC HOUSING AUTHORITY	302330	RUSS	GREGORY	NULL
2021	816	NULL	DEPT OF HEALTH/MENTAL H...	49788	HALLAHAN	PATRICK	NULL

Rainy days ahead 21°C

ENG IN

13:40 22-01-2026

```
graph LR; source2020 --> union1; source2021 --> union1; union1 --> filter1; filter1 --> derivedColumn1; derivedColumn1 --> aggregate1; aggregate1 --> sink2;
```

Microsoft Azure | Data Factory > nycdatafactorypayroll

Check migration readiness Run an assessment to identify which resources could be upgraded to Microsoft Fabric. Learn more about upgrading to Fabric

Start assessment (preview)

main branch | Validate all | Save all | Publish

Factory Resources

Pipelines

source2020

union1

filter1

derivedColumn1

aggregate1

sink2

source2021

Number of rows: 100

Refresh | Typecast | Modify | Map drifted | Statistics | Remove | Export to CSV

FiscalYear	PayrollNumber	AgencyID	AgencyName	EmployeeID	LastName	FirstName	AgencyStartD
2021	996	NULL	NYC HOUSING AUTHORITY	209184	MUSTACIUOLO	VITO	NULL
2021	996	NULL	NYC HOUSING AUTHORITY	302330	RUSS	GREGORY	NULL
2021	816	NULL	DEPT OF HEALTH/MENTAL H...	49788	HALLAHAN	PATRICK	NULL

Rainy days ahead 21°C

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```
graph LR; source2020 --> union1; source2021 --> union1; union1 --> filter1; filter1 --> derivedColumn1; derivedColumn1 --> aggregate1; aggregate1 --> sink2;
```

The screenshot shows the Microsoft Azure Data Factory pipeline editor. The left sidebar displays 'Factory Resources' with sections for Pipelines (pipeline1), Change Data Capture (preview) (0), Datasets (12), and other datasets like ds_adls_AgencyMaster, ds_sql_EmpMaster, etc. The main workspace shows a data flow named 'df_load_agencymaster'. The data flow diagram consists of several components connected by arrows: 'source2020' (Import data from ds_sql_payroll_2020) connects to 'union1' (Combining rows from transformation 'source2020', source2021). 'union1' connects to 'filter1' (Filtering rows using expressions on columns 'FiscalYear'). 'filter1' connects to 'derivedColumn1' (Creating/updating the columns 'FiscalYear', PayrollNumber,). 'derivedColumn1' connects to 'aggregate1' (Columns: 3 total). 'aggregate1' connects to 'sink2' (Export data to ds_sql_summary). A secondary 'sink1' is also present. Below the diagram, the 'Data preview' tab is selected, showing a table with three rows of data:

AgencyName	FiscalYear	TotalOTPaid
DEPT OF CITYWIDE ADMIN SVCS	2021	3746440.78
DEPT OF ENVIRONMENT PROTECTION	2021	1717604.7999999998
DEPT OF PARKS & RECREATION	2021	530489.66

Microsoft Azure | Data Factory > nycdatafactorypayroll

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Factory Resources

Pipelines: pipeline1

Change Data Capture (preview): 0

Datasets: 12

- ds_adls_AgencyMaster
- ds_adls_EmpMaster
- ds_adls_payroll_2020
- ds_adls_payroll_2021
- ds_adls_TitleMaster
- ds_sql_EmpMaster
- ds_sql_payroll_2020
- ds_sql_payroll_2021
- ds_sql_summary
- ds_sql_TitleMaster
- ds_Sql_AgencyMaster
- ds_staging

source2020 Import data from ds_sql_payroll_2020

union1 Combining rows from transformation 'source2020',

filter1 Filtering rows using expressions on columns 'FiscalYear'

derivedColumn1 Creating/updating the columns 'FiscalYear', 'PayrollNumber',

aggregate1 Aggregating data by 'AgencyName', 'FiscalYear' producing

sink2 Columns: 3 total

source2021

Number of rows: 0

AgencyName

FiscalYear

DEPT OF CITYWIDE ADMIN SVCS

DEPT OF ENVIRONMENT PROTECTION

DEPT OF PARKS & RECREATION

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Start assessment (preview)

main branch | Validate all | Save all | Publish

Factory Resources

Pipelines: pipeline1

Change Data Capture (preview): 0

Datasets: 12

- ds_adls_AgencyMaster
- ds_adls_EmpMaster
- ds_adls_payroll_2020
- ds_adls_payroll_2021
- ds_adls_TitleMaster
- ds_sql_EmpMaster
- ds_sql_payroll_2020
- ds_sql_payroll_2021
- ds_sql_summary
- ds_sql_TitleMaster
- ds_Sql_AgencyMaster
- ds_staging

ds_sql_TitleMaster | ds_Sql_AgencyMaster | df_load_agencymaster | df_load_EmpMaster | df_load_payroll_2020 | dataflow_summary

Data flow debug | Debug Settings

Import data from ds_sql_payroll_2020 | Combining rows from transformation 'source2020...' | Filtering rows using expressions on columns 'FiscalYear' | Creating/updating the columns 'FiscalYear', 'PayrollNumber', ... | Aggregating data by 'AgencyName', 'FiscalYear' producing | Export data to ds_sql_summary

source2021 | aggregate1 | sink1

source2021

Sink | Settings | Errors | Mapping | Optimize | Inspect | Data preview

Number of rows: + INSERT N/A | * UPDATE N/A | × DELETE N/A | + UPSERT N/A | LOOKUP N/A | ✖ ERROR N/A | TOTAL N/A

FiscalYear | AgencyName | TotalOTPaid

FiscalYear	AgencyName	TotalOTPaid
2021	DEPT OF CITYWIDE ADMIN SVCS	3746440.78
2021	DEPT OF ENVIRONMENT PROTECTION	1717604.7999999998
2021	DEPT OF PARKS & RECREATION	530489.66

Rainy days ahead 21°C

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