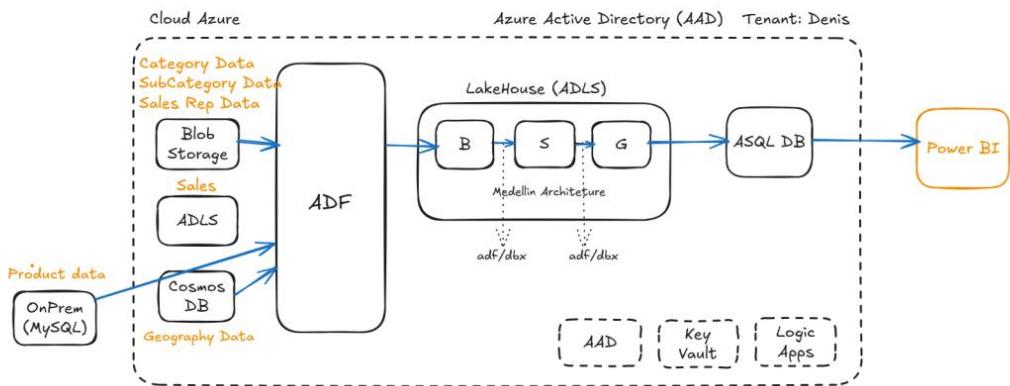


Project Architecture - Denis



Microsoft Azure | denissablob | Storage browser

Storage account

denissablob

Overview Activity log Tags Diagnose and solve problems Access Control (IAM) Data migration Events Storage browser Storage Mover Partner solutions Resource visualizer Data storage Containers File shares Add or remove favorites by pressing **Ctrl+L** + **Shift+F**

Add Directory Upload Change access level Refresh Delete Copy ...

Help me save costs by tiering unused blobs

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

Add filter

Search blobs by prefix (case-sensitive)

Only show active blobs

Showing all 3 items

Name	Last modified	Access tier	Blob type	Size
Categories...	11/22/2025, 7:58:42 PM	Hot (Inferred)	Block blob	17.03 KiB
SalesRep.xlsx	11/22/2025, 7:58:42 PM	Hot (Inferred)	Block blob	17.62 KiB
SubCategor...	11/22/2025, 7:58:42 PM	Hot (Inferred)	Block blob	18.09 KiB

Microsoft Azure | denissaadls | Storage browser

Storage account

denissaadls

Add container Upload Refresh Delete Change access level Restore containers Edit columns

Help me save costs by tiering unused blobs

Search containers by prefix

Only show active containers

Showing all 3 items

Name	Last modified	Anonymous access level	Lease state
Slogs	11/22/2025, 6:39:25 PM	Private	Available
denis	11/22/2025, 8:40:07 PM	Private	Available
denisraw	11/22/2025, 8:20:46 PM	Private	Available

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

denissaadls | Storage browser Storage account

Add Directory Upload Refresh Delete Copy Paste Rename Acquire lease Break lease ...

Blob containers > denisraw

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

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

Showing all 1 items

Name	Last modified	Access tier	Blob type	Size	Lease state
salesraw	11/22/2025, 8:21:29 PM				

Add or remove favorites by pressing Ctrl+Shift+F

This screenshot shows the Microsoft Azure Storage browser interface. The left sidebar is collapsed, and the main area displays a single blob named "salesraw" in the "denisraw" container. The blob was last modified on 11/22/2025 at 8:21:29 PM. The interface includes standard file operations like Add Directory, Upload, Refresh, Delete, Copy, Paste, Rename, Acquire lease, and Break lease.

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

denissaadls | Storage browser Storage account

Add Directory Upload Refresh Delete Copy Paste Rename Acquire lease Break lease ...

Blob containers > denisraw > salesraw

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

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

Showing all 4 items

Name	Last modified	Access tier	Blob type	Size	Lease state
[..]					
Sales 2014.csv	11/22/2025, 8:22:09 PM	Hot (Inferred)	Block blob	617.38 KiB	Available
sales 2015.csv	11/22/2025, 8:22:10 PM	Hot (Inferred)	Block blob	640.35 KiB	Available
sales 2016.csv	11/22/2025, 8:22:10 PM	Hot (Inferred)	Block blob	625.03 KiB	Available
sales 2017.csv	11/22/2025, 8:22:10 PM	Hot (Inferred)	Block blob	915.34 KiB	Available

Add or remove favorites by pressing Ctrl+Shift+F

This screenshot shows the Microsoft Azure Storage browser interface. The left sidebar is collapsed, and the main area displays four blobs in the "salesraw" container of the "denisraw" container. The blobs are named "Sales 2014.csv", "sales 2015.csv", "sales 2016.csv", and "sales 2017.csv". They were last modified on 11/22/2025 at 8:22:09 PM, 8:22:10 PM, 8:22:10 PM, and 8:22:10 PM respectively. All blobs are of type "Block blob" and are currently "Available". The interface includes standard file operations like Add Directory, Upload, Refresh, Delete, Copy, Paste, Rename, Acquire lease, and Break lease.

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

denissaadls | Storage browser Storage account

Add Directory Upload Refresh Delete Copy Paste Rename Acquire lease Break lease ...

Blob containers > denis

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

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

Showing all 1 items

Name	Last modified	Access tier	Blob type	Size	Lease state
medallian	11/22/2025, 8:40:42 PM				

Add or remove favorites by pressing Ctrl+Shift+F

This screenshot shows the Microsoft Azure Storage browser interface. The left sidebar is collapsed, and the main area displays a single blob named "medallian" in the "denis" container. The blob was last modified on 11/22/2025 at 8:40:42 PM. The interface includes standard file operations like Add Directory, Upload, Refresh, Delete, Copy, Paste, Rename, Acquire lease, and Break lease.

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

denissaadls | Storage browser Storage account

Add Directory Upload Refresh Delete Copy Paste Rename Acquire lease Break lease

Help me save costs by tiering unused blobs

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

Search blobs by prefix (case-sensitive)

Showing all 3 items

Name	Last modified	Access tier	Blob type	Size	Lease state
[..]	11/22/2025, 8:41:00 PM				
bronze	11/22/2025, 8:41:29 PM				

Denisaadls | Storage browser Storage account

Add Directory Upload Refresh Delete Copy Paste Rename Acquire lease Break lease

Help me save costs by tiering unused blobs

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

Search blobs by prefix (case-sensitive)

Showing all 3 items

Name	Last modified	Access tier	Blob type	Size	Lease state
[..]	11/22/2025, 8:41:00 PM				
gold	11/22/2025, 8:41:29 PM				

Denisaadls | Storage browser Storage account

Add Directory Upload Refresh Delete Copy Paste Rename Acquire lease Break lease

Help me save costs by tiering unused blobs

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

Search blobs by prefix (case-sensitive)

Showing all 3 items

Name	Last modified	Access tier	Blob type	Size	Lease state
[..]	11/22/2025, 8:41:00 PM				
silver	11/22/2025, 8:41:17 PM				

https://portal.azure.com/#home / pressing Ctrl+Shift+F

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

denissaadls | Storage browser Storage account

Add Directory Upload Refresh Delete Copy Paste Rename Acquire lease Break lease

Help me save costs by tiering unused blobs

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

Search blobs by prefix (case-sensitive)

Showing all 6 items

Name	Last modified	Access tier	Blob type	Size	Lease state
[..]	11/22/2025, 10:01:48 PM				
Sales	11/22/2025, 10:25:24 PM	Hot (Inferred)	Block blob	17.03 KiB	Available
Categories.xlsx	11/22/2025, 10:25:24 PM	Hot (Inferred)	Block blob	962 B	Available
Geography.json	11/22/2025, 10:24:34 PM	Hot (Inferred)	Block blob	17.62 KiB	Available
SalesRep.xlsx	11/22/2025, 10:25:24 PM	Hot (Inferred)	Block blob	18.09 KiB	Available
SubCategories.xlsx	11/22/2025, 10:25:24 PM	Hot (Inferred)	Block blob	778 B	Available
product.csv	11/22/2025, 10:25:00 PM	Hot (Inferred)	Block blob		

Denisaadls | Storage browser Storage account

Add Directory Upload Refresh Delete Copy Paste Rename Acquire lease Break lease

Help me save costs by tiering unused blobs

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

Search blobs by prefix (case-sensitive)

Showing all 6 items

Name	Last modified	Access tier	Blob type	Size	Lease state
[..]	11/22/2025, 10:01:48 PM				
Sales	11/22/2025, 10:25:24 PM	Hot (Inferred)	Block blob	17.03 KiB	Available
Categories.xlsx	11/22/2025, 10:25:24 PM	Hot (Inferred)	Block blob	962 B	Available
Geography.json	11/22/2025, 10:24:34 PM	Hot (Inferred)	Block blob	17.62 KiB	Available
SalesRep.xlsx	11/22/2025, 10:25:24 PM	Hot (Inferred)	Block blob	18.09 KiB	Available
SubCategories.xlsx	11/22/2025, 10:25:24 PM	Hot (Inferred)	Block blob	778 B	Available
product.csv	11/22/2025, 10:25:00 PM	Hot (Inferred)	Block blob		

Denisaadls | Storage browser Storage account

Add Directory Upload Refresh Delete Copy Paste Rename Acquire lease Break lease

Help me save costs by tiering unused blobs

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

Search blobs by prefix (case-sensitive)

Showing all 6 items

Name	Last modified	Access tier	Blob type	Size	Lease state
[..]	11/22/2025, 10:01:48 PM				
Sales 2014.csv	11/22/2025, 10:25:21 PM	Hot (Inferred)	Block blob	617.38 KiB	Available
sales 2015.csv	11/22/2025, 10:25:21 PM	Hot (Inferred)	Block blob	640.35 KiB	Available
sales 2016.csv	11/22/2025, 10:25:21 PM	Hot (Inferred)	Block blob	625.03 KiB	Available
sales 2017.csv	11/22/2025, 10:25:21 PM	Hot (Inferred)	Block blob	915.34 KiB	Available
product.csv	11/22/2025, 10:25:00 PM	Hot (Inferred)	Block blob		

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

denissaadls | Storage browser Storage account

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

Help me save costs by tiering unused blobs

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

Search blobs by prefix (case-sensitive)

Showing all 4 items

Name	Last modified	Access tier	Blob type	Size	Lease state
[..]	11/22/2025, 10:25:21 PM				
Sales 2014.csv	11/22/2025, 10:25:21 PM	Hot (Inferred)	Block blob	617.38 KiB	Available
sales 2015.csv	11/22/2025, 10:25:21 PM	Hot (Inferred)	Block blob	640.35 KiB	Available
sales 2016.csv	11/22/2025, 10:25:21 PM	Hot (Inferred)	Block blob	625.03 KiB	Available
sales 2017.csv	11/22/2025, 10:25:21 PM	Hot (Inferred)	Block blob	915.34 KiB	Available
product.csv	11/22/2025, 10:25:00 PM	Hot (Inferred)	Block blob		

Denisaadls | Storage browser Storage account

Add Directory Upload Refresh Delete Copy Paste Rename Acquire lease Break lease

Help me save costs by tiering unused blobs

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

Search blobs by prefix (case-sensitive)

Showing all 4 items

Name	Last modified	Access tier	Blob type	Size	Lease state
[..]	11/22/2025, 10:25:21 PM				
Sales 2014.csv	11/22/2025, 10:25:21 PM	Hot (Inferred)	Block blob	617.38 KiB	Available
sales 2015.csv	11/22/2025, 10:25:21 PM	Hot (Inferred)	Block blob	640.35 KiB	Available
sales 2016.csv	11/22/2025, 10:25:21 PM	Hot (Inferred)	Block blob	625.03 KiB	Available
sales 2017.csv	11/22/2025, 10:25:21 PM	Hot (Inferred)	Block blob	915.34 KiB	Available
product.csv	11/22/2025, 10:25:00 PM	Hot (Inferred)	Block blob		

Denisaadls | Storage browser Storage account

Add Directory Upload Refresh Delete Copy Paste Rename Acquire lease Break lease

Help me save costs by tiering unused blobs

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

Search blobs by prefix (case-sensitive)

Showing all 4 items

Name	Last modified	Access tier	Blob type	Size	Lease state
[..]	11/22/2025, 10:25:21 PM				
Sales 2014.csv	11/22/2025, 10:25:21 PM	Hot (Inferred)	Block blob	617.38 KiB	Available
sales 2015.csv	11/22/2025, 10:25:21 PM	Hot (Inferred)	Block blob	640.35 KiB	Available
sales 2016.csv	11/22/2025, 10:25:21 PM	Hot (Inferred)	Block blob	625.03 KiB	Available
sales 2017.csv	11/22/2025, 10:25:21 PM	Hot (Inferred)	Block blob	915.34 KiB	Available
product.csv	11/22/2025, 10:25:00 PM	Hot (Inferred)	Block blob		

Microsoft Azure | Data Factory | denisprojectadf

Linked services

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

+ New

Filter by name Annotations: Any

Show 1 - 4 of 4 items

Name ↑	Type ↑
adls2adf_ls	Azure Data Lake Storage
blob2adf_ls	Azure Blob Storage
cosmos2adf_ls	Azure Cosmos DB
mysql2adf_ls	MySQL

Edit linked service

[Azure Cosmos DB for MongoDB](#) [Learn more \[?\]](#)

Name *:

Description:

Connect via Integration runtime *: AutoResolveIntegrationRuntime

Connection string [Azure Key Vault](#)

Account selection method: From Azure subscription Enter manually

Server version: Above 3.2 3.2

Connection string *:

Database name *: Edit

Apply **Cancel** **Test connection**

mysql2adf_ls

Microsoft Azure | Data Factory | denisprojectadf

Linked services

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

+ New

Filter by name Annotations: Any

Show 1 - 4 of 4 items

Name ↑	Type ↑
adls2adf_ls	Azure Data Lake Storage
blob2adf_ls	Azure Blob Storage
cosmos2adf_ls	Azure Cosmos DB
mysql2adf_ls	MySQL

Edit linked service

[MySQL](#) [Learn more \[?\]](#)

Connect via Integration runtime *: SelfHostedIR

Server name *:

Port:

Database name *:

User name *:

Password [Azure Key Vault](#)

Password *:

SSL mode:

Use system trust store Not use system trust store

Save **Cancel** **Test connection**

blob2adf_ls

Microsoft Azure | Data Factory | denisprojectadf

Linked services

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

+ New

Filter by name Annotations: Any

Show 1 - 4 of 4 items

Name ↑	Type ↑
adls2adf_ls	Azure Data Lake Storage
blob2adf_ls	Azure Blob Storage
cosmos2adf_ls	Azure Cosmos DB
mysql2adf_ls	MySQL

Edit linked service

[Azure Blob Storage](#) [Learn more \[?\]](#)

Name *:

Description:

Connect via Integration runtime *: AutoResolveIntegrationRuntime

Authentication type:

Account selection method: From Azure subscription Enter manually

Storage account name *:

Storage account key [Azure Key Vault](#)

Storage account key *:

Apply **Cancel** **Test connection**

adls2adf_ls

Microsoft Azure | Data Factory > denisprojectadf

Validate all Publish all

Search

Linked services

Linked service defines the connection information to a data store or compute. Learn more

+ New

Filter by name Annotations: Any

Showing 1 - 4 of 4 items

Name	Type	Related	Annotations
ads2adf_ls	Azure Data Lake Storage Gen2	5	
blob2adf_ls	Azure Blob Storage	1	
cosmos2adf_ls	Azure Cosmos DB for MongoDB	1	
mysql2adf_ls	MySQL	1	

Save Cancel Test connection

adls2adf_ls

Description

Connect via integration runtime AutoResolveIntegrationRuntime

Authentication type Account key

Account selection method From Azure subscription Enter manually

URL

Storage account key

Storage account key

Test connection

Microsoft Azure | Data Factory > denisprojectadf

Validate all Publish all

Search

Linked services

Linked service defines the connection information to a data store or compute. Learn more

+ New

Filter by name Annotations: Any

Showing 1 - 4 of 4 items

Name	Type	Related	Annotations
ads2adf_ls	Azure Data Lake Storage Gen2	5	
blob2adf_ls	Azure Blob Storage	1	
cosmos2adf_ls	Azure Cosmos DB for MongoDB	1	
mysql2adf_ls	MySQL	1	

Microsoft Azure | Data Factory > denisprojectadf

Validate all Publish all

Search

Linked services

Linked service defines the connection information to a data store or compute. Learn more

+ New

Filter by name Annotations: Any

Showing 1 - 4 of 4 items

Name	Type	Related	Annotations
ads2adf_ls	Azure Data Lake Storage Gen2	5	
blob2adf_ls	Azure Blob Storage	1	
cosmos2adf_ls	Azure Cosmos DB for MongoDB	1	
mysql2adf_ls	MySQL	1	

Related

adls2adf_ls

This linked service is being used by the following:

Datasets

Geography_B Product_B Dimiles_B FactFlies_B FactFlies_R

Close

Microsoft Azure | Data Factory | denisprojectadf

Validate all Publish all Search

Related somashekhar.bomma@outlook.com DEFAULT DIRECTORY

Linked services

Linked service defines the connection information to a data store or compute. Learn more

+ New Filter by name Annotations: Any

Name Type Related

ads2adf_ls	Azure Data Lake Storage Gen2	5
blob2adf_ls	Azure Blob Storage	1
cosmos2adf_ls	Azure Cosmos DB for MongoDB	1
mysql2adf_ls	MySQL	1

Product_R

Close

This screenshot shows the 'Linked services' blade in the Azure Data Factory portal. It lists four linked services: 'ads2adf_ls' (Azure Data Lake Storage Gen2), 'blob2adf_ls' (Azure Blob Storage), 'cosmos2adf_ls' (Azure Cosmos DB for MongoDB), and 'mysql2adf_ls' (MySQL). The 'mysql2adf_ls' entry is currently selected. The right pane displays related datasets, specifically 'Product_R', which uses this linked service.

Microsoft Azure | Data Factory | denisprojectadf

Validate all Publish all Search

Related somashekhar.bomma@outlook.com DEFAULT DIRECTORY

Linked services

Linked service defines the connection information to a data store or compute. Learn more

+ New Filter by name Annotations: Any

Name Type Related

ads2adf_ls	Azure Data Lake Storage Gen2	5
blob2adf_ls	Azure Blob Storage	1
cosmos2adf_ls	Azure Cosmos DB for MongoDB	1
mysql2adf_ls	MySQL	1

Geography_R

Close

This screenshot shows the 'Linked services' blade in the Azure Data Factory portal. It lists the same four linked services as the previous screenshot. The 'mysql2adf_ls' entry is selected. The right pane displays related datasets, specifically 'Geography_R', which uses this linked service.

Microsoft Azure | Data Factory | denisprojectadf

Validate all Publish all Search

Related somashekhar.bomma@outlook.com DEFAULT DIRECTORY

Linked services

Linked service defines the connection information to a data store or compute. Learn more

+ New Filter by name Annotations: Any

Name Type Related

ads2adf_ls	Azure Data Lake Storage Gen2	5
blob2adf_ls	Azure Blob Storage	1
cosmos2adf_ls	Azure Cosmos DB for MongoDB	1
mysql2adf_ls	MySQL	1

DimFiles_R

Close

This screenshot shows the 'Linked services' blade in the Azure Data Factory portal. It lists the same four linked services. The 'mysql2adf_ls' entry is selected. The right pane displays related datasets, specifically 'DimFiles_R', which uses this linked service.

Geography_R

Microsoft Azure | Data Factory > denisprojectadf

Validate all Publish all

Factory Resources

Pipelines

- Cosmos2Bronze_PL
- FlatFiles2Bronze_PL
- OnPrem2Bronze_PL
- Raw2Bronze_PL

Change Data Capture (preview)

Datasets

- DimFiles_B
- DimFiles_R
- FactFiles_B
- FactFiles_R
- Geography_B
- Geography_R
- Product_B
- Product_R

Data flows

Power Query

Geography_R

Azure Cosmos DB Collection for MongoDB

Geography_R

Connection Parameters

Linked service * cosmos2adf_ls

Collection name * Geography

Enter manually

Test connection Edit + New Learn more

Preview data

Microsoft Azure | Data Factory > denisprojectadf

Validate all Publish all

Factory Resources

Pipelines

- Cosmos2Bronze_PL
- FlatFiles2Bronze_PL
- OnPrem2Bronze_PL
- Raw2Bronze_PL

Change Data Capture (preview)

Datasets

- DimFiles_B
- DimFiles_R
- FactFiles_B
- FactFiles_R
- Geography_B
- Geography_R
- Product_B
- Product_R

Data flows

Power Query

Geography_R

JSON

Geography_B

Connection Schema Parameters

Linked service * adls2adf_ls

File path denis / medallian/bronze / Geography.json

Compression type No compression

Encoding Default(UTF-8)

Test connection Edit + New Learn more

Browse Preview data

Microsoft Azure | Data Factory > denisprojectadf

Validate all Publish all

Factory Resources

Pipelines

- Cosmos2Bronze_PL
- FlatFiles2Bronze_PL
- OnPrem2Bronze_PL
- Raw2Bronze_PL

Change Data Capture (preview)

Datasets

- DimFiles_B
- DimFiles_R
- FactFiles_B
- FactFiles_R
- Geography_B
- Geography_R
- Product_B
- Product_R

Data flows

Power Query

Geography_R

MySQL

Product_R

Connection Parameters

Linked service * mysql2adf_ls

Integration runtime * SelfHostedIR

Table * product

Enter manually

Test connection Edit + New Learn more

Preview data

Microsoft Azure | Data Factory | denisprojectadf | Validate all | Publish all | somashekhar.bomma@outlook.com | DEFAULT DIRECTORY

Factory Resources | Pipelines | Datasets | Change Data Capture (preview) | Data flows | Power Query

Geography_R | Geography_B | Product_R | Product_B

CSV | DelimitedText

Connection Schema Parameters

Linked service: adls2adf_ls | Test connection | Edit | New | Learn more

File path: denis / medallian/bronze / file name | Browse | Preview data

Compression type: No compression

Column delimiter: Comma (,)

Row delimiter: Default (\r\n, or \n)

Encoding: Default(UTF-8)

Quote character: Double quote (")

Escape character: Backslash (\)

First row as header:

Null value:

Microsoft Azure | Data Factory | denisprojectadf | Validate all | Publish all | somashekhar.bomma@outlook.com | DEFAULT DIRECTORY

Factory Resources | Pipelines | Datasets | Change Data Capture (preview) | Data flows | Power Query

Geography_R | Geography_B | Product_R | Product_B | DimFiles_R

CSV | DelimitedText

Connection Schema Parameters

Linked service: blob2adf_ls | Test connection | Edit | New | Learn more

File path: denisraw / Directory / file name | Browse | Preview data

Compression type: No compression

Column delimiter: Comma (,)

Row delimiter: Default (\r\n, or \n)

Encoding: Default(UTF-8)

Quote character: Double quote (")

Escape character: Backslash (\)

First row as header:

Null value:

Microsoft Azure | Data Factory | denisprojectadf | Validate all | Publish all | somashekhar.bomma@outlook.com | DEFAULT DIRECTORY

Factory Resources | Pipelines | Datasets | Change Data Capture (preview) | Data flows | Power Query

Geography_R | Geography_B | Product_R | Product_B | DimFiles_B | DimFiles_R

CSV | DelimitedText

Connection Schema Parameters

Linked service: adls2adf_ls | Test connection | Edit | New | Learn more

File path: denis / medallian/bronze / file name | Browse | Preview data

Compression type: No compression

Column delimiter: Comma (,)

Row delimiter: Default (\r\n, or \n)

Encoding: Default(UTF-8)

Quote character: Double quote (")

Escape character: Backslash (\)

First row as header:

Null value:

Microsoft Azure | Data Factory | denisprojectadf | Validate all | Publish all | Search | ⌂ | 🔍 | 🗃 | 🚧 | ? | 🌐 | 🌐 | somashekhar.bomma@outlook.com | DEFAULT DIRECTORY

Factory Resources

- Pipelines
 - Cosmos2Bronze_PL
 - FlatFiles2Bronze_PL
 - OnPrem2Bronze_PL
 - Raw2Bronze_PL
- Change Data Capture (preview) 0
- Datasets 8
 - DimFiles_B
 - DimFiles_R
 - FactFiles_B
 - FactFiles_R
 - Geography_B
 - Geography_R
 - Product_B
 - Product_R
- Data flows 0
- Power Query 0

FactFiles_R

DelimitedText

CSV

Connection Schema Parameters

Linked service *: adls2adfl_ls | **Test connection** | **Edit** | **New** | **Learn more**

File path: denisraw / salesraw / **File name**: file_name | **Browse** | **Preview data**

Compression type: No compression | **Column delimiter**: Comma (,) | **Row delimiter**: Default (\r\n, or \n\r) | **Encoding**: Default(UTF-8) | **Quote character**: Double quote ("") | **Escape character**: Backslash (\) | **First row as header**: | **Null value**:

Microsoft Azure | Data Factory | denisprojectadf | Validate all | Publish all | Search | ⌂ | 🔍 | 🗃 | 🚧 | ? | 🌐 | 🌐 | somashekhar.bomma@outlook.com | DEFAULT DIRECTORY

Factory Resources

- Pipelines
 - Cosmos2Bronze_PL
 - FlatFiles2Bronze_PL
 - OnPrem2Bronze_PL
 - Raw2Bronze_PL
- Change Data Capture (preview) 0
- Datasets 8
 - DimFiles_B
 - DimFiles_R
 - FactFiles_B
 - FactFiles_R
 - Geography_B
 - Geography_R
 - Product_B
 - Product_R
- Data flows 0
- Power Query 0

FactFiles_B

DelimitedText

CSV

Connection Schema Parameters

Linked service *: adls2adfl_ls | **Test connection** | **Edit** | **New** | **Learn more**

File path: denis / medianial/bronze/Sales / **File name**: file_name | **Browse** | **Preview data**

Compression type: No compression | **Column delimiter**: Comma (,) | **Row delimiter**: Default (\r\n, or \n\r) | **Encoding**: Default(UTF-8) | **Quote character**: Double quote ("") | **Escape character**: Backslash (\) | **First row as header**: | **Null value**:

Microsoft Azure | Upgrade | Search resources, services, and docs (G+) | Copilot | 🌐 | 🌐 | somashekhar.bomma@... | DEFAULT DIRECTORY (SOMASHEK...)

Home > denissblob

denissblob | Storage browser Storage account

Storage account metrics
The date provided is regularly updated about 2-4 times a day and published hourly. If your account has extremely large objects, it may be over a day between updates.

Blob containers

- Number of containers: 1
- Number of blobs: 3
- Total data stored: 53.21 KiB

File shares

- Number of file shares: 0
- Number of files: -
- Total data stored: -

Tables

- Number of tables: 0
- Number of entities: 0
- Total data stored: 0

Queues

- Number of queues: 0
- Number of messages: 0
- Total data stored: 0

Recently viewed ...

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

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

denissaadls | Storage browser Storage account

Overview Activity log Tags Diagnose and solve problems Access Control (IAM) Data migration Events Storage browser Partner solutions Resource visualizer Data storage Containers File shares Queues Add or remove favorites by pressing **Ctrl+L+Shift+F**

denissaadls Privacy settings Help me save costs by tiering unused blobs

Storage account metrics The data provided is regularly updated about 2-4 times a day and published hourly. If your account has extremely large objects, it may be over a day between updates.

Blob containers Number of containers: 2 Number of blobs: 13 Total data stored: 5.52 MB

File shares Number of file shares: 0 Number of files: - Total data stored: -

Tables Number of tables: 0 Number of entities: 0 Total data stored: 0

Queues Number of queues: 0 Number of messages: 0 Total data stored: 0

Recently viewed ...

Data Factory Validate all Publish all SubCategories_DF

Validate Data flow debug

Source settings Source options Projection Optimize Inspect Data preview

Output stream name * source1 Learn more

Description Import data from SubCategories_B

Source type * Dataset

Dataset * SubCategories_B

Options Allow schema drift Infer drifted column types Validate schema Enable Disable

Data Factory Validate all Publish all SubCategories_DF

Validate Data flow debug

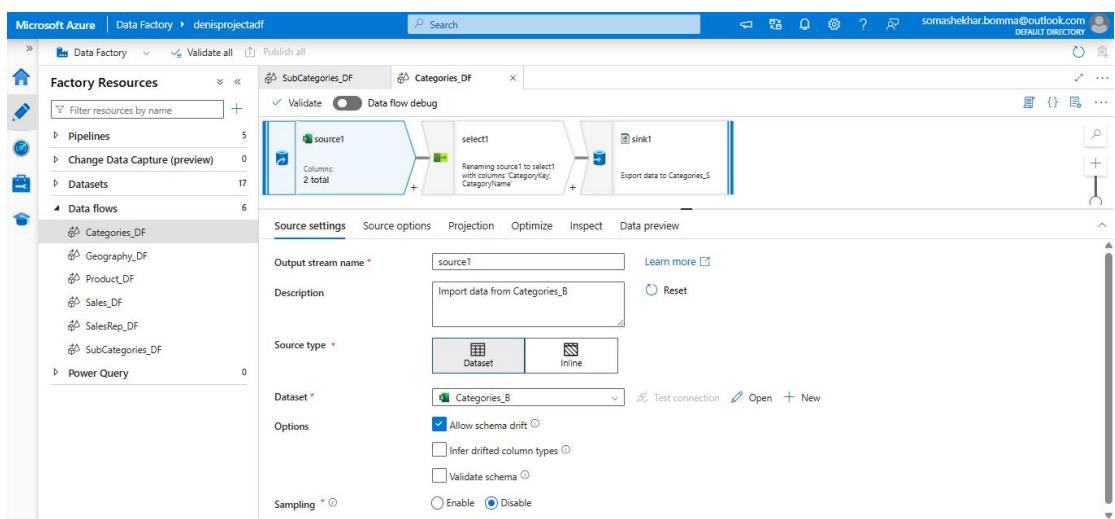
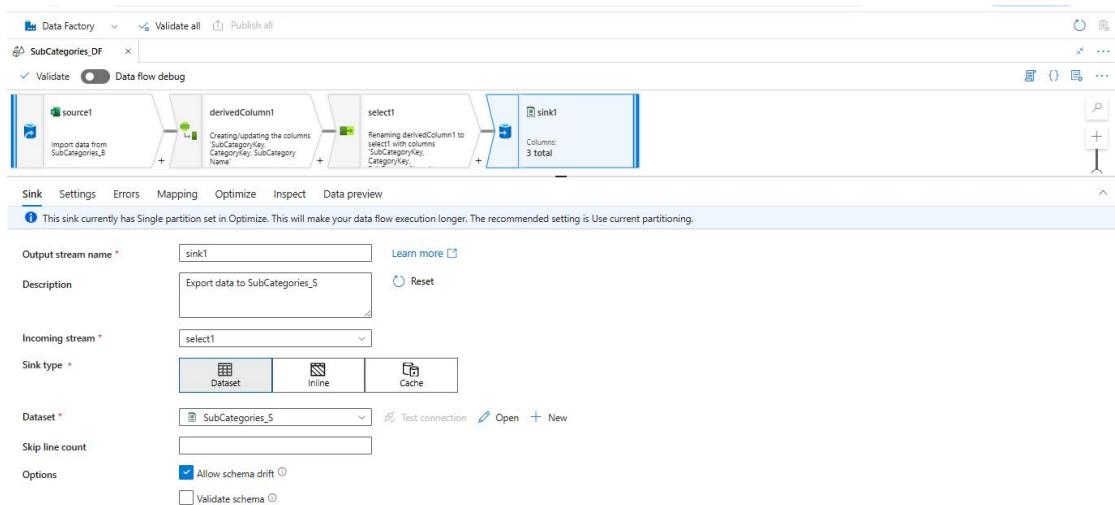
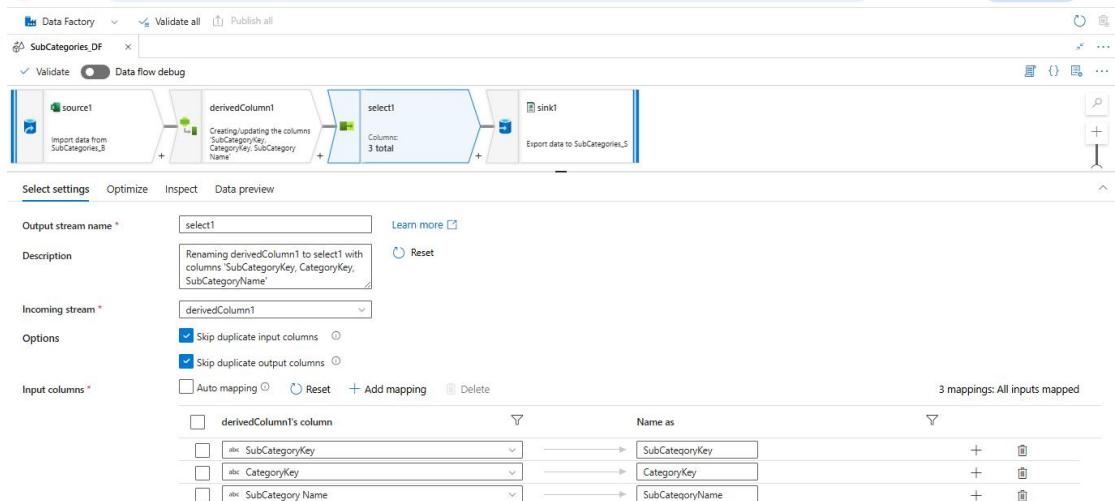
Derived column's settings Optimize Inspect Data preview

Output stream name * derivedColumn1 Learn more

Description Creating/updating the columns 'SubCategoryKey', 'CategoryKey', 'SubCategory Name'

Incoming stream * source1

Columns * Column Expression



Microsoft Azure | Data Factory | denisprojectadf

Validate all Publish all

Factory Resources

Pipelines 5

Change Data Capture (preview) 0

Datasets 17

Data flows 6

- Categories_DF
- Geography_DF
- Product_DF
- Sales_DF
- SalesRep_DF
- SubCategories_DF

Power Query 0

SubCategories_DF Categories_DF

Validate Data flow debug

source1 select1 sink1

Import data from Categories_B Columns: 2 total Export data to Categories_S

Select settings Optimize Inspect Data preview

Output stream name * select1 Learn more

Description Renaming source1 to select1 with columns 'CategoryKey, CategoryName'

Incoming stream * source1

Options Skip duplicate input columns Skip duplicate output columns

Input columns * Auto mapping Reset Add mapping Delete

source's column Name as

abc CategoryKey CategoryKey

abc Category CategoryName

2 mappings: All inputs mapped

```
graph LR; source1[source1] --> select1[select1]; select1 --> sink1[sink1];
```

Microsoft Azure | Data Factory | denisprojectadf

Validate all Publish all

Factory Resources

Pipelines 5

Change Data Capture (preview) 0

Datasets 17

Data flows 6

- Categories_DF
- Geography_DF
- Product_DF
- Sales_DF
- SalesRep_DF
- SubCategories_DF

Power Query 0

SubCategories_DF Categories_DF

Validate Data flow debug

source1 select1 sink1

Import data from Categories_B Renaming source1 to select1 with columns 'CategoryKey, CategoryName' Columns: 2 total Export data to Categories_S

Sink Settings Errors Mapping Optimize Inspect Data preview

Output stream name * sink1 Learn more

Description Export data to Categories_S

Incoming stream * select1

Sink type * Dataset Inline Cache

Dataset * Categories_S Test connection Open New

Skip line count

Options Allow schema drift Validate schema

```
graph LR; source1[source1] --> select1[select1]; select1 --> sink1[sink1];
```

Microsoft Azure | Data Factory | denisprojectadf

Validate all Publish all

Factory Resources

Pipelines 5

Change Data Capture (preview) 0

Datasets 17

Data flows 6

- Categories_DF
- Geography_DF
- Product_DF
- Sales_DF
- SalesRep_DF
- SubCategories_DF

Power Query 0

SubCategories_DF Categories_DF SalesRep_DF

Validate Data flow debug

source1 derivedColumn1 select1 sink1

Creating/updating the columns SalesRepID, SalesRepName Columns: 2 total Renaming derivedColumn1 to select1 with columns 'SalesRepID, SalesRepName' Export data to SalesRep_S

Source settings Source options Projection Optimize Inspect Data preview

Output stream name * source1 Learn more

Description Import data from SalesRep_B

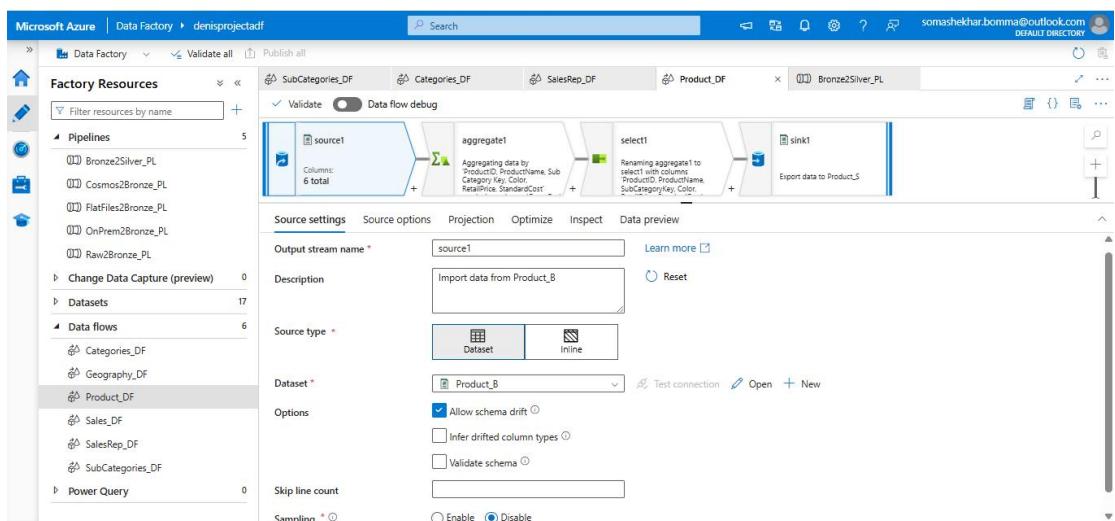
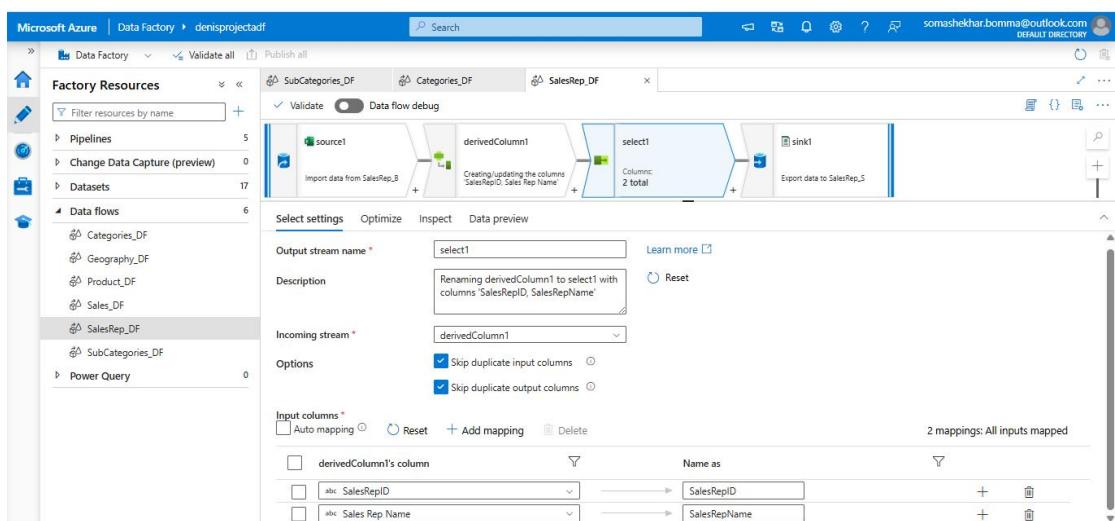
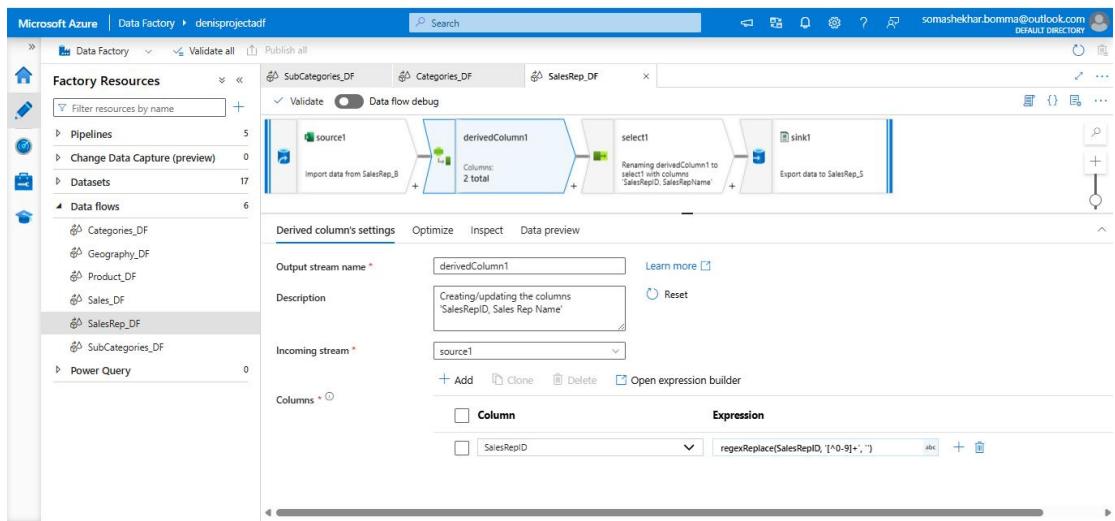
Source type * Dataset Inline

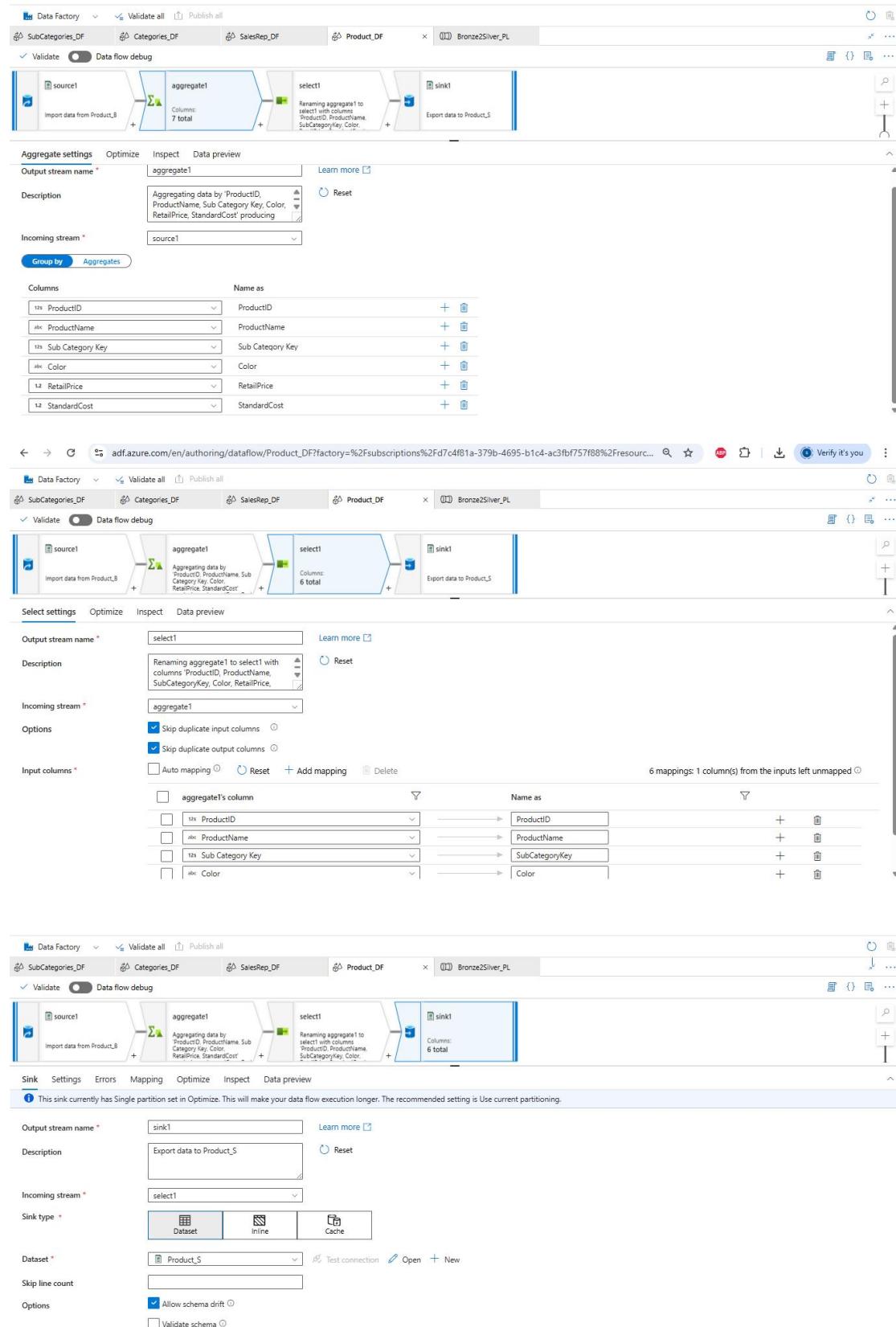
Dataset * SalesRep_B Test connection Open New

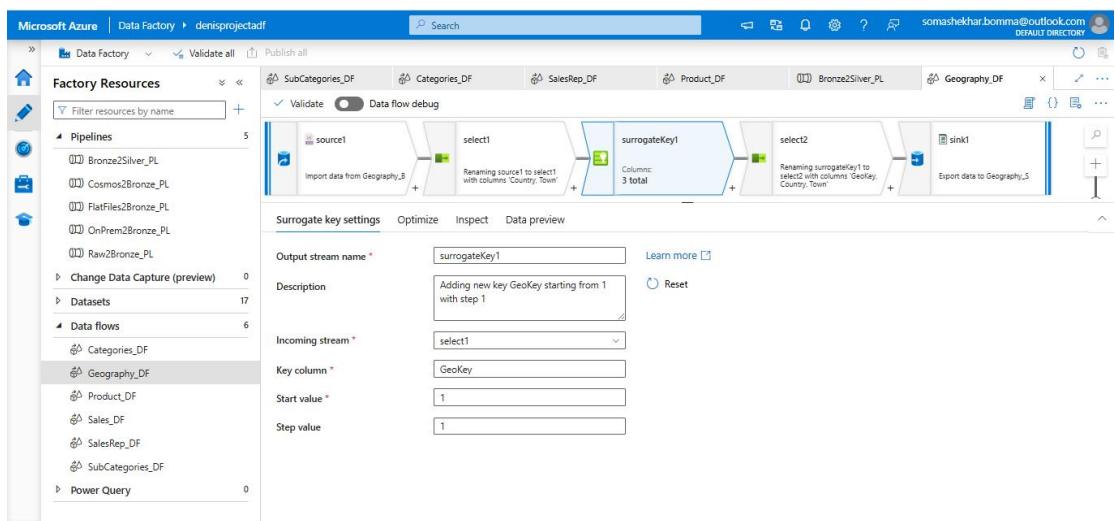
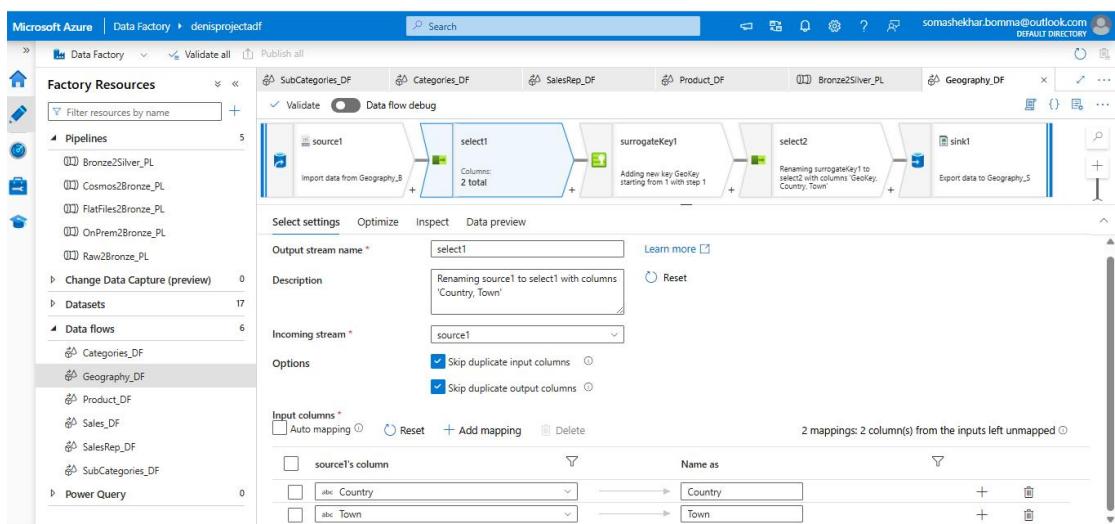
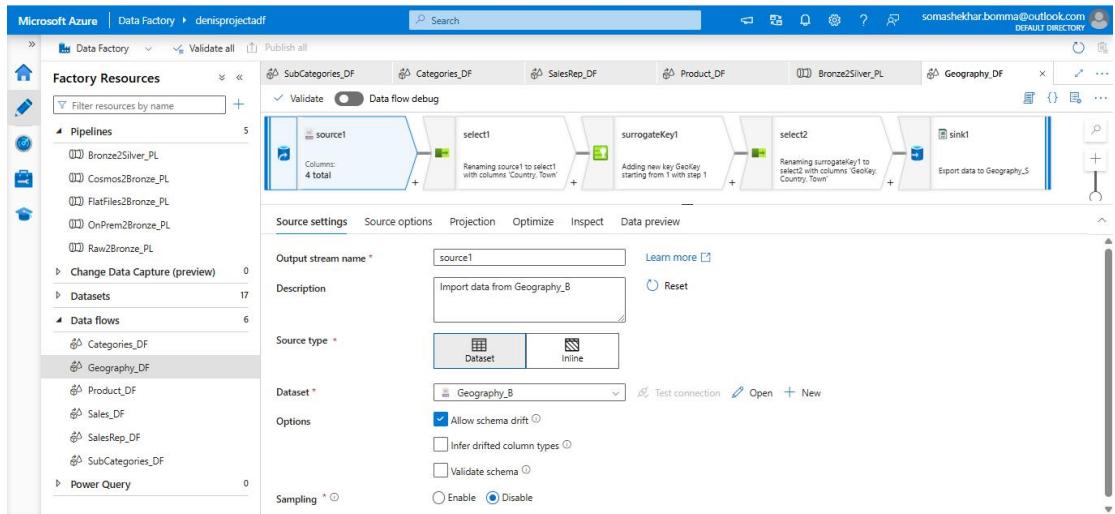
Options Allow schema drift Infer drifted column types Validate schema

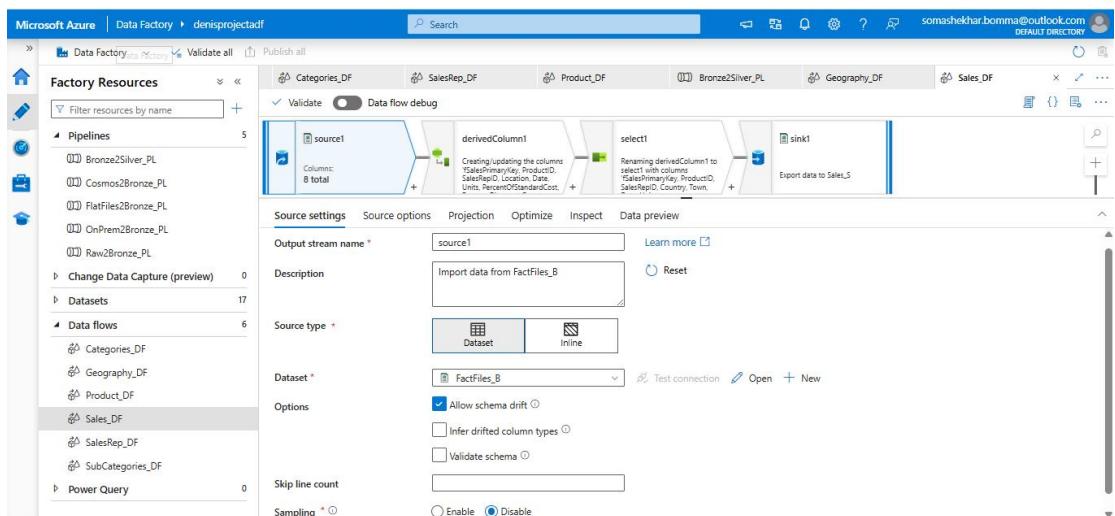
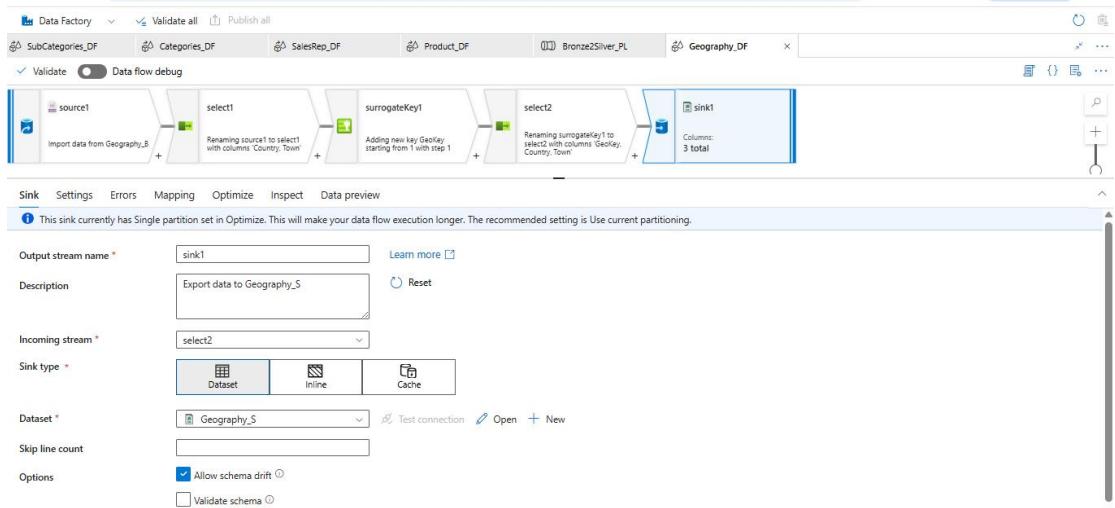
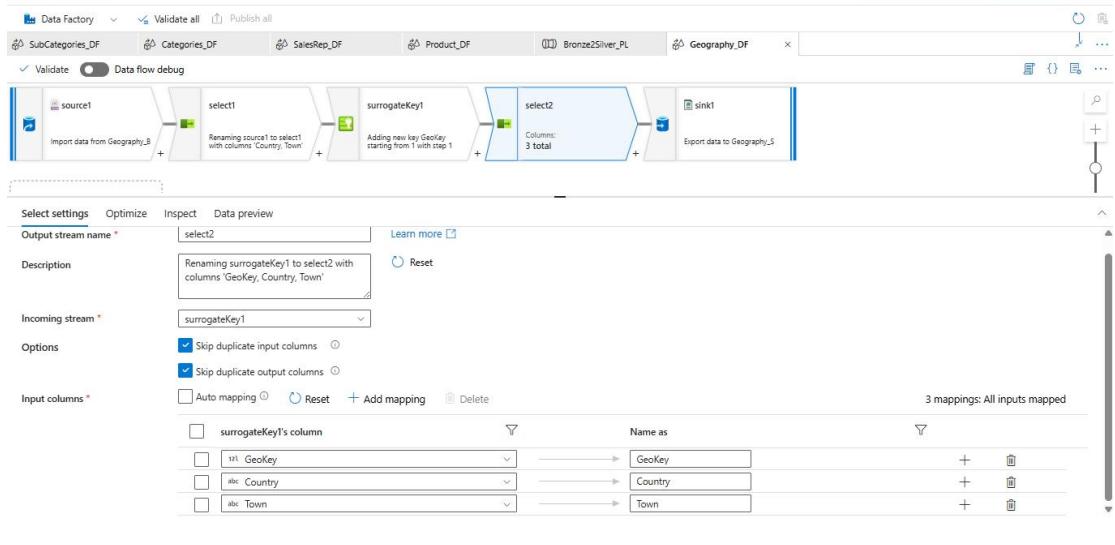
Sampling * Enable Disable

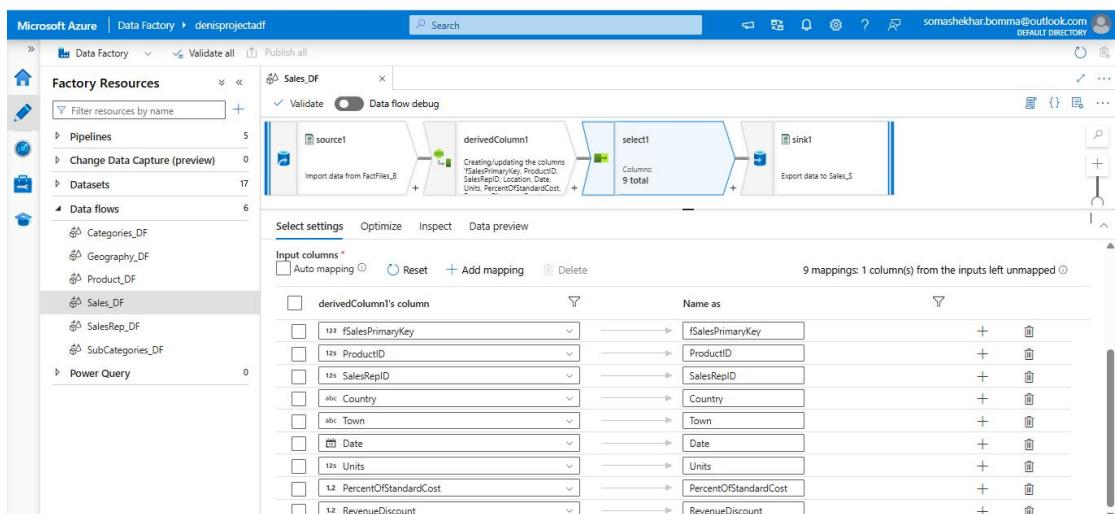
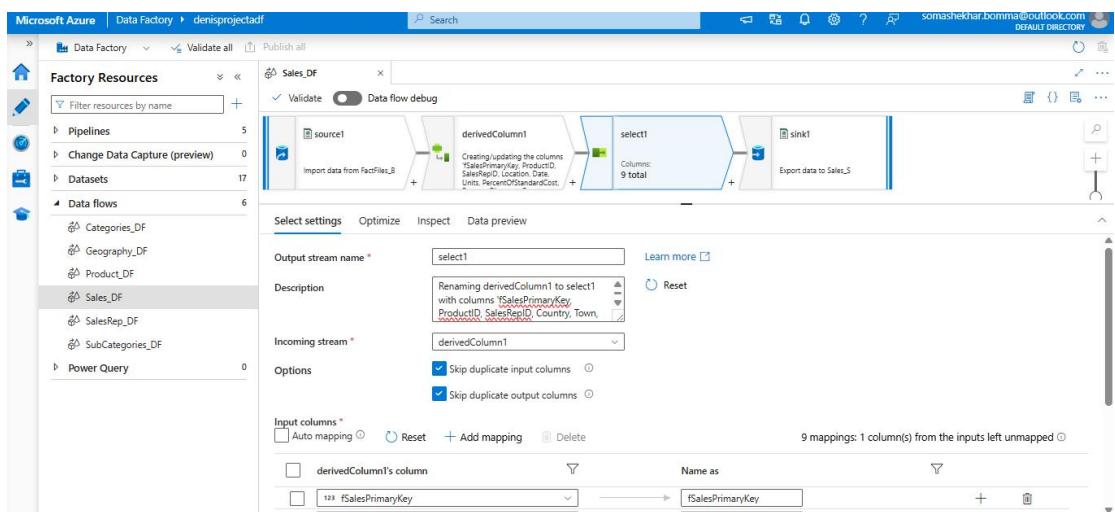
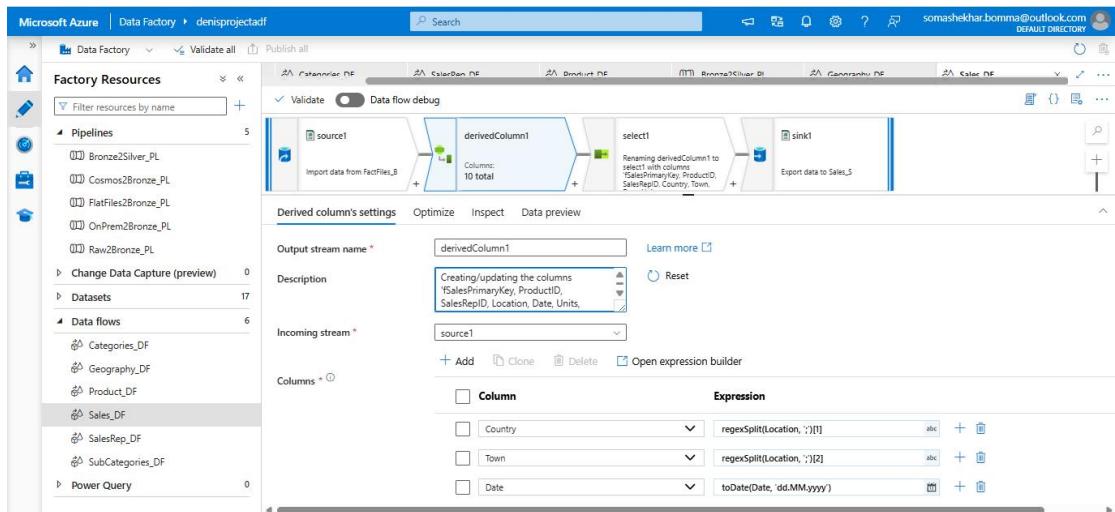
```
graph LR; source1[source1] --> derivedColumn1[derivedColumn1]; derivedColumn1 --> select1[select1]; select1 --> sink1[sink1];
```

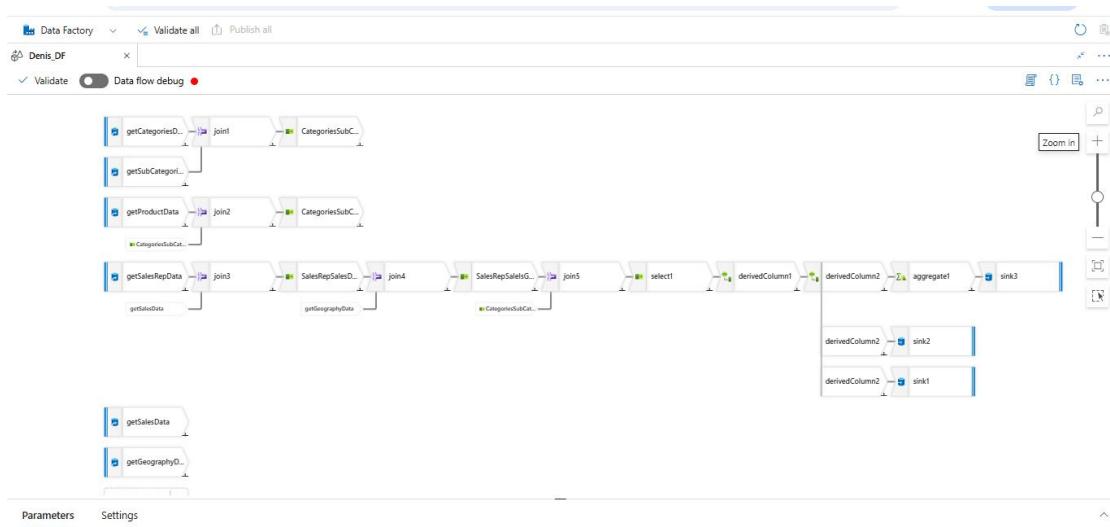
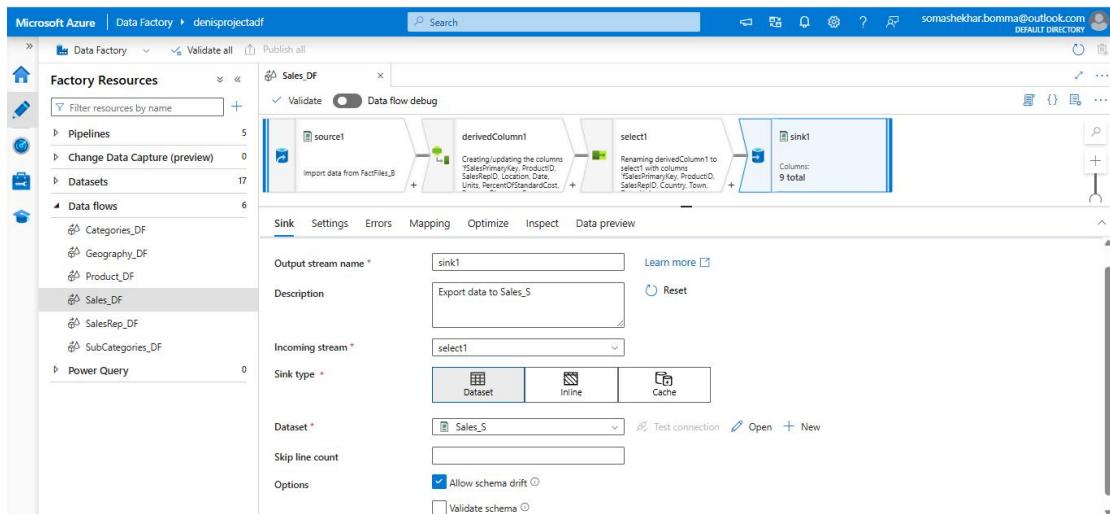












getCategoriesData

Microsoft Azure | Data Factory | denisprojectadff

Validate all Publish all

Factory Resources Pipelines Change Data Capture (preview) Datasets Data flows Power Query

Filter resources by name +

Denis_DF

Validate Data flow debug

Source settings Source options Projection Optimize Inspect Data preview

Output stream name * getCategoriesData Learn more

Description Import data from Categories_S

Source type Dataset

Dataset * Categories_S Test connection Open New

Options Allow schema drift Infer drifted column types Validate schema

Denis_DF

Validate Data flow debug

Source settings Source options Projection Optimize Inspect Data preview

Output stream name * getSubCategoriesData Learn more

Description Import data from SubCategories_S

Source type Dataset

Dataset * SubCategories_S Test connection Open New

Options Allow schema drift Infer drifted column types Validate schema

Denis_DF

Validate Data flow debug

Join settings Optimize Inspect Data preview

Output stream name * join1 Learn more

Description Inner join on 'getCategoriesData' and 'getSubCategoriesData'

Left stream * getCategoriesData

Right stream * getSubCategoriesData

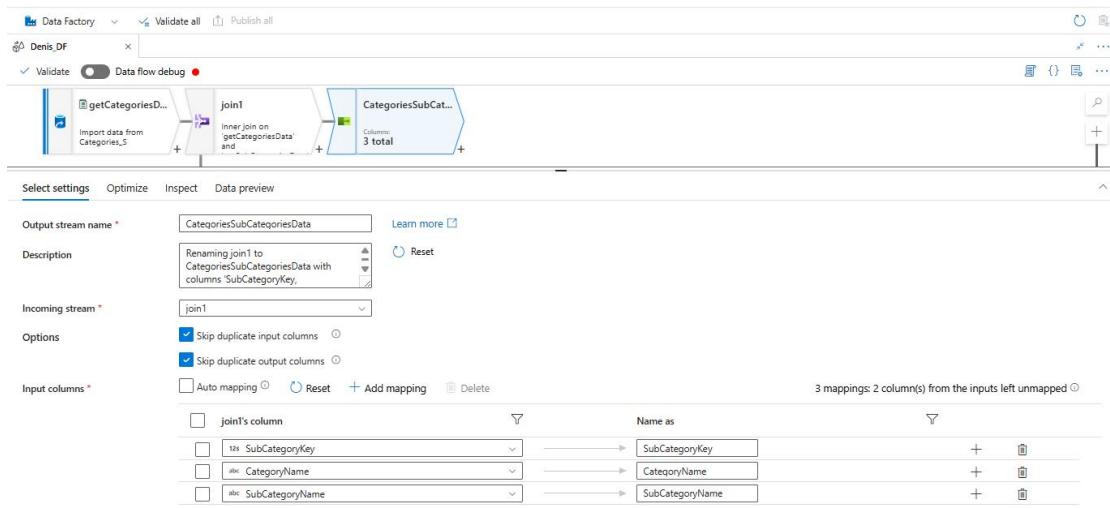
Join type * Full outer Inner Left outer Right outer Custom (cross)

Use fuzzy matching

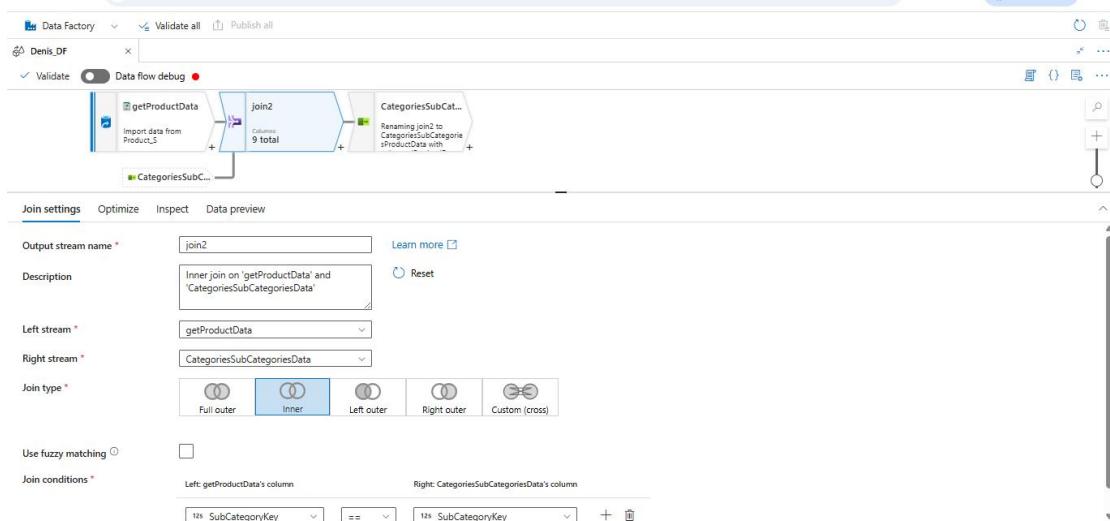
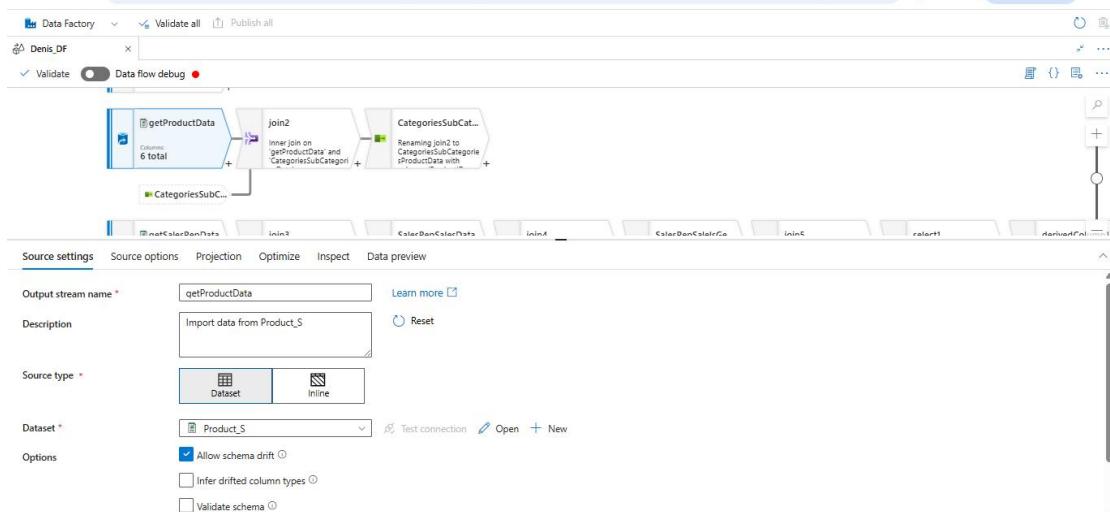
Join conditions * Left: getCategoriesData's column Right: getSubCategoriesData's column

CategoryKey == CategoryKey +

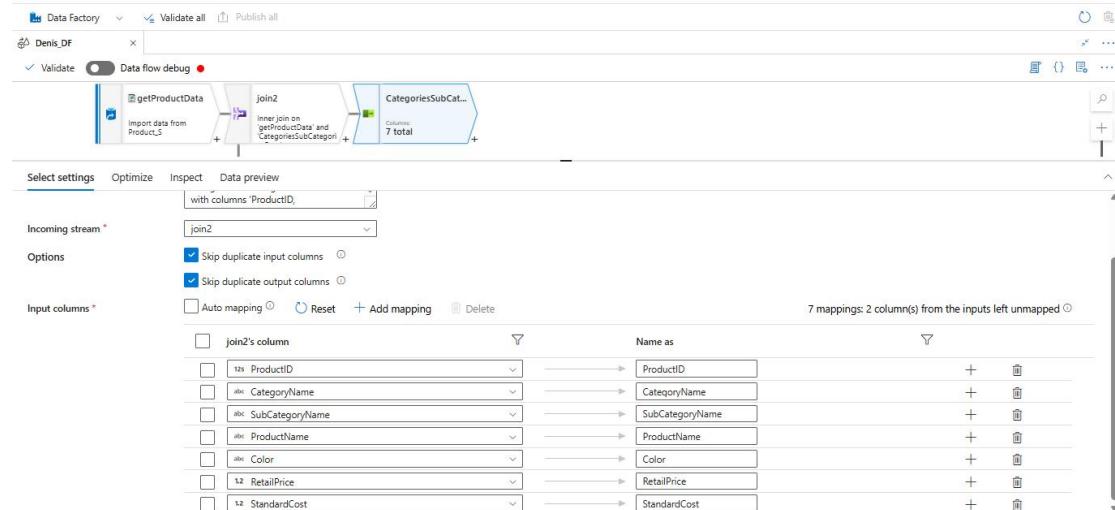
```
graph TD; subgraph getCategoriesData [getCategoriesData]; A[Import data from Categories_S] --> B[getCategoriesData]; end; subgraph getSubCategoriesData [getSubCategoriesData]; C[Import data from SubCategories_S] --> D[getSubCategoriesData]; end; E[getCategoriesData] --> F((join1)); F --> G[getSubCategoriesData]; F --> H[CategoriesSubCat...]; G --> I[CategoriesSubCat...];
```



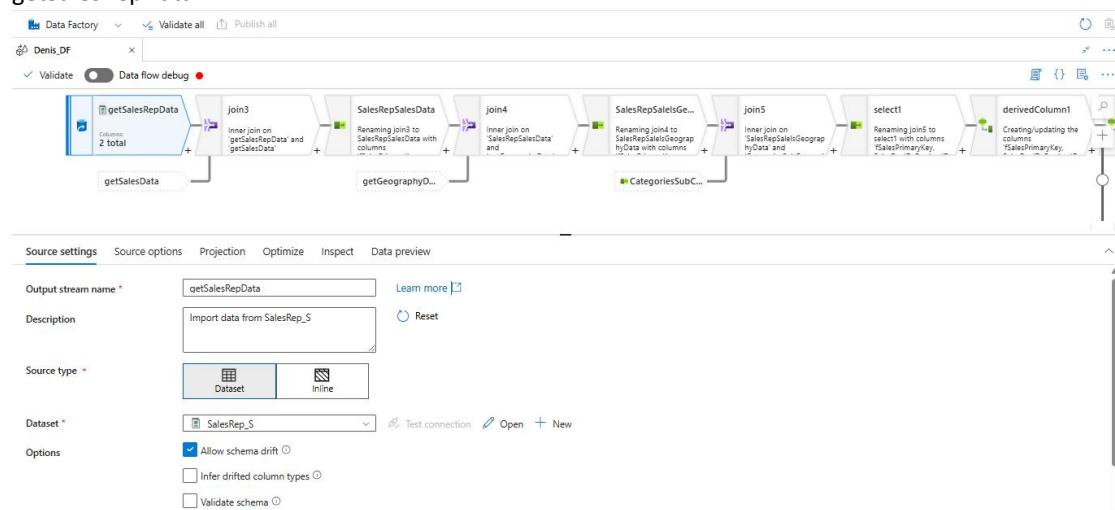
getProductData



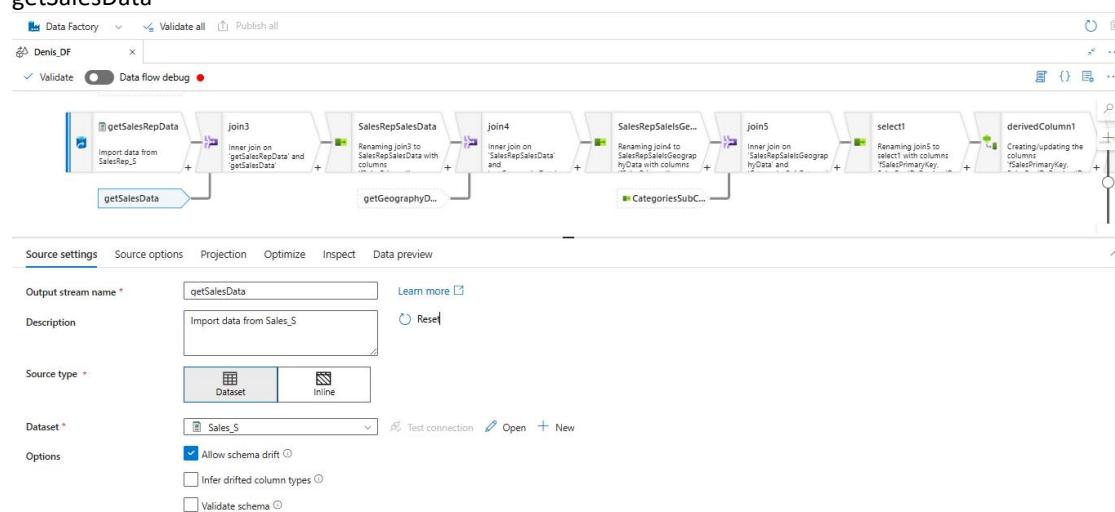
CategoriesSubCategoriesProductData

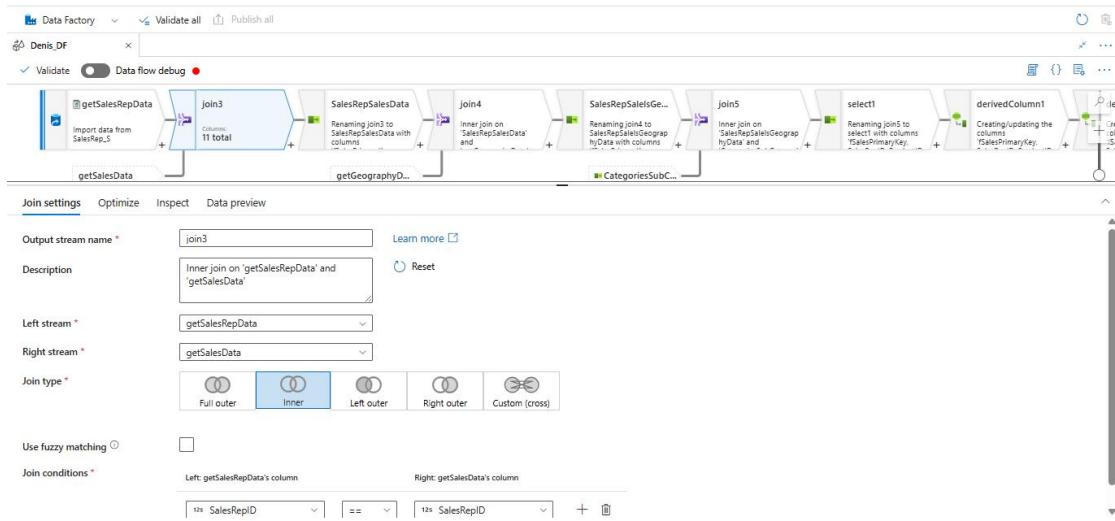


getSalesRepData

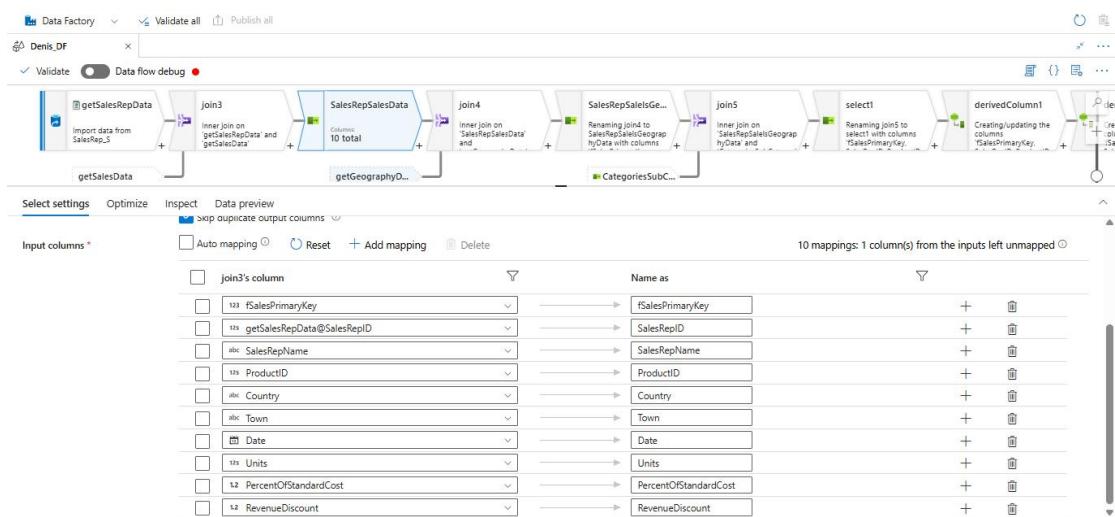


getSalesData

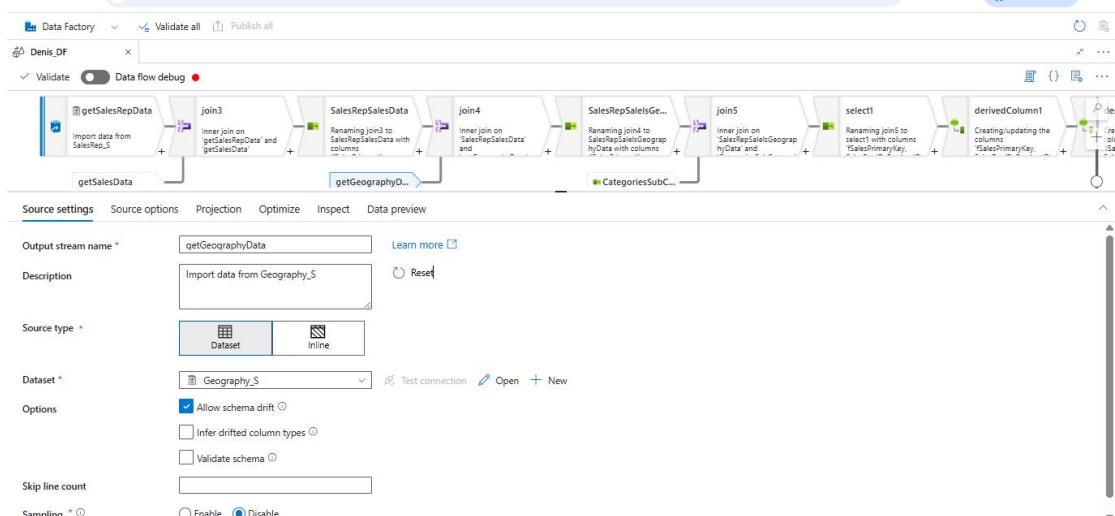




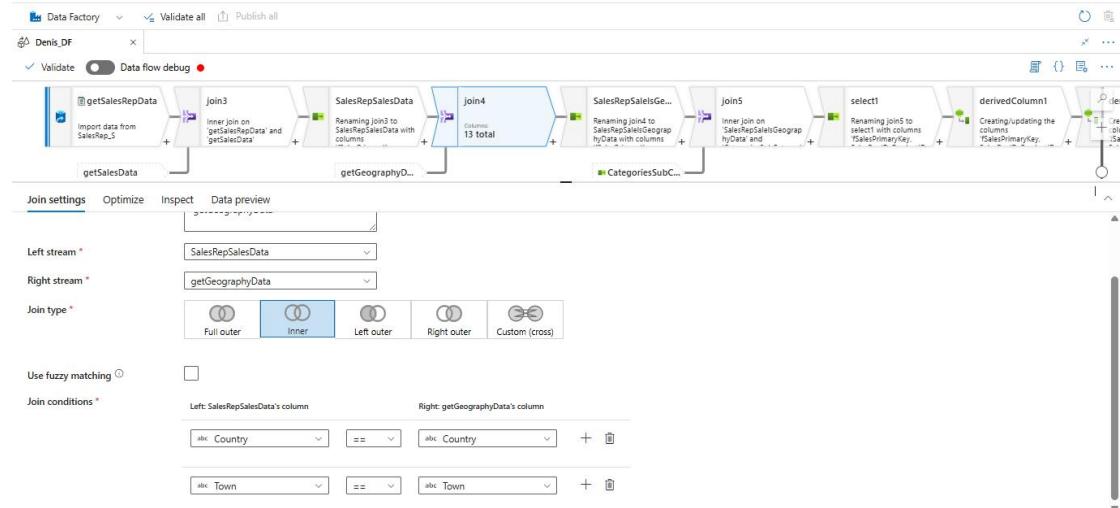
SalesRepSalesData



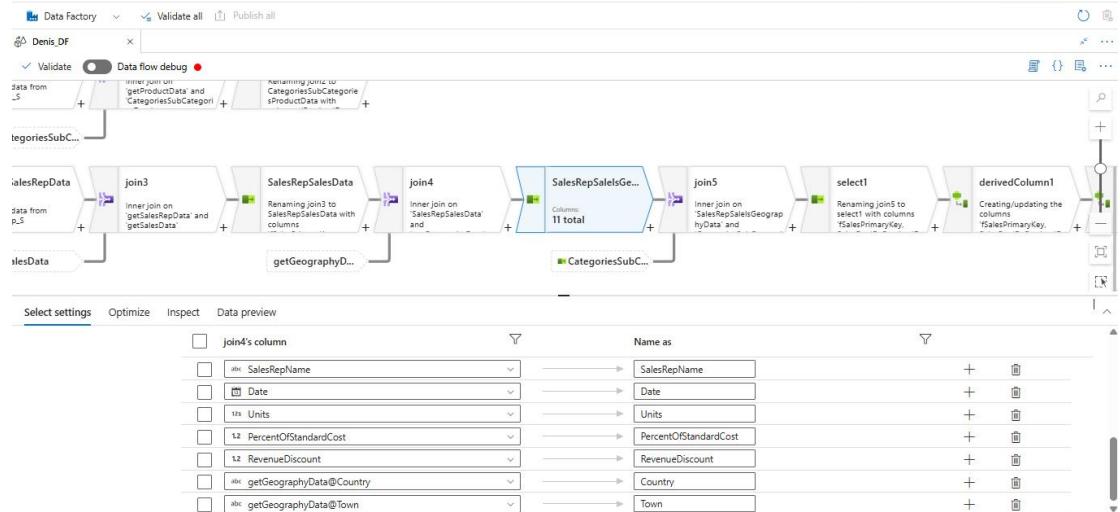
getGeographyData



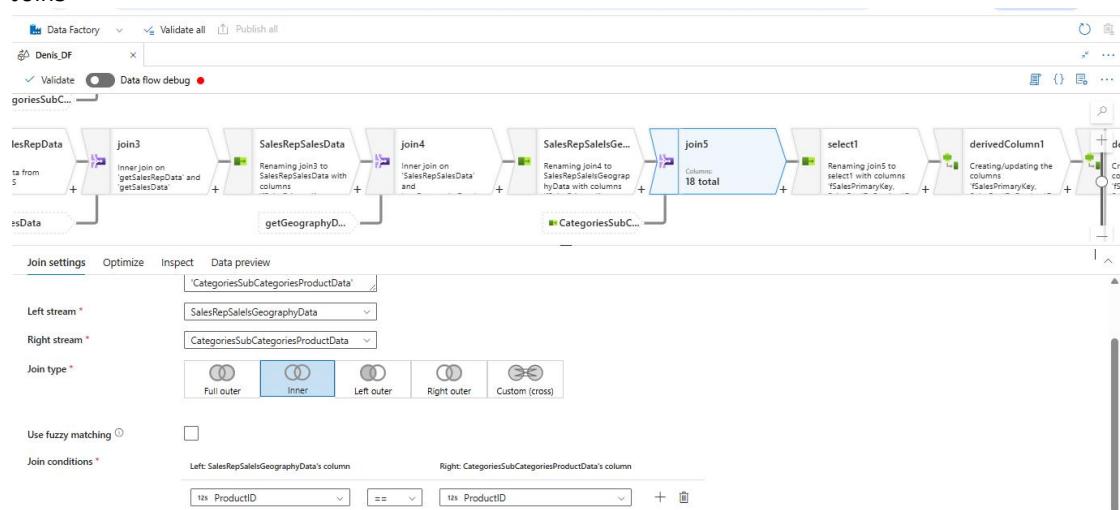
Join4



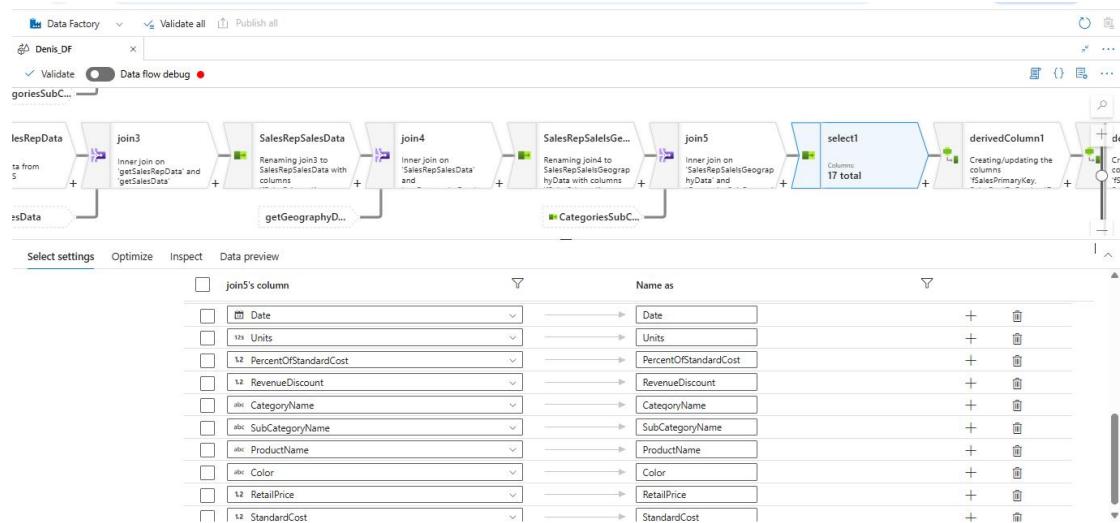
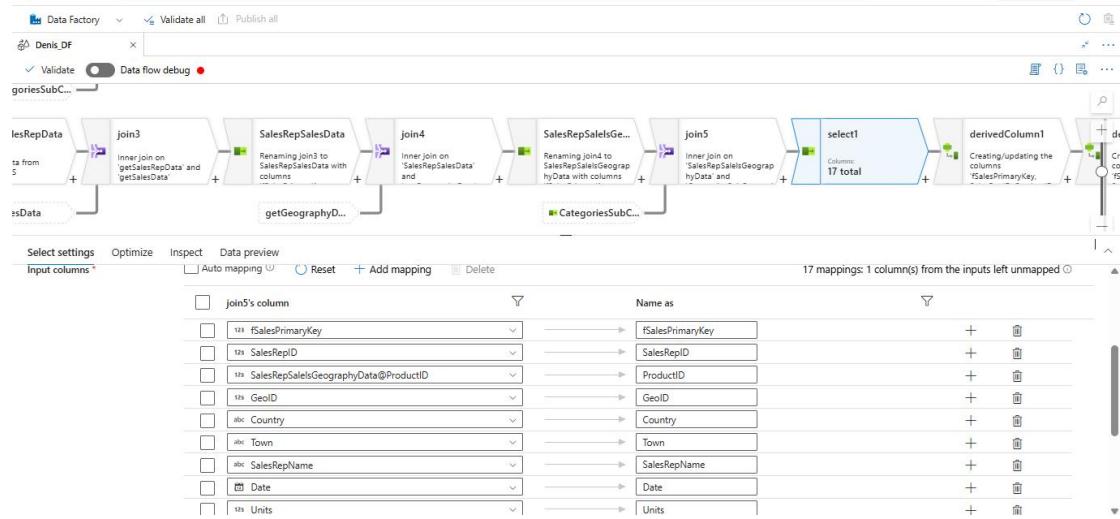
SalesRepSalesGeographyData



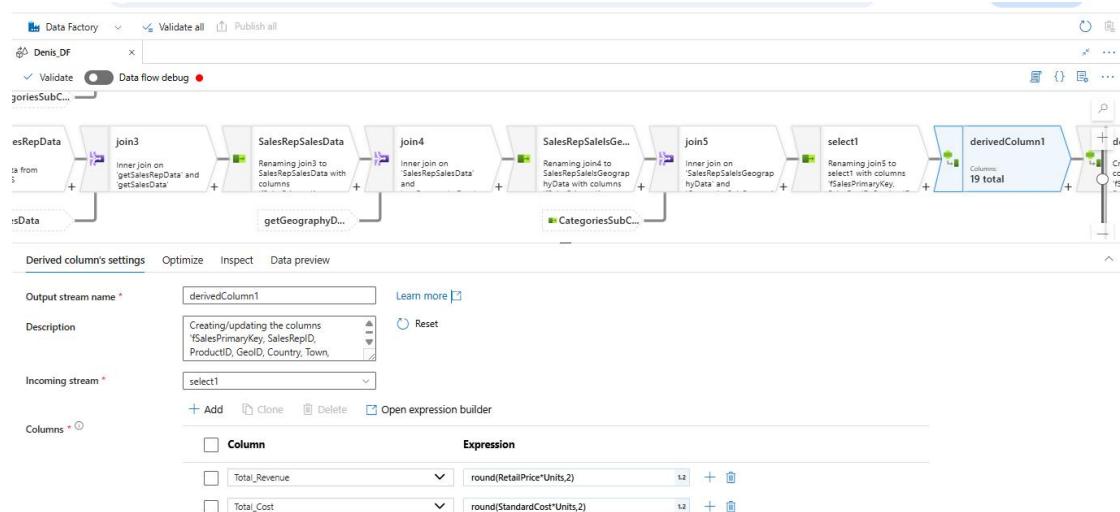
Join5



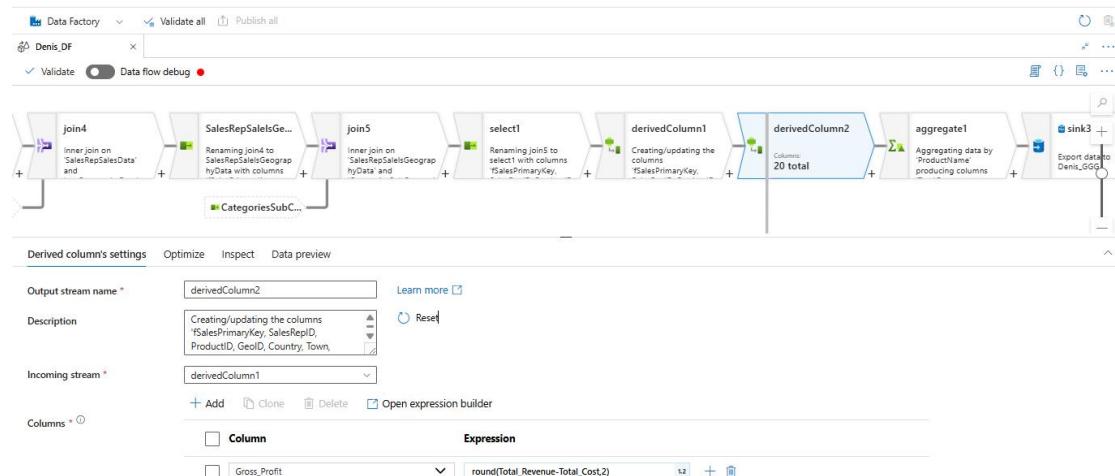
Select1



derivedColumn1



derivedColumn2



Sink1

Data Factory Validate all Publish all

Denis_DF Data flow debug

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.

Output stream name * Learn more

Description

Incoming stream *

Sink type * Dataset Inline Cache

Dataset * Open + New

Skip line count

Options Allow schema drift Validate schema

Data Factory Validate all Publish all

Denis_DF Data flow debug

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 *

Pattern *

Quote All

Headers Enter expression...

Umask Owner R W X
Group R W X
Others R W X

Octal

Pre/post commands

File run command

Data Factory Validate all Publish all

Denis_DF Data flow debug

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.

Partition option * Use current partitioning Single partition Set partitioning

Data Factory Validate all Publish all

Denis_DF Denis_G

DelimitedText:
Denis_G

Connection Schema Parameters

Linked service: adls2adfl_ls **Test connection** **Edit** **New** **Learn more**

File path: denis / medallian/gold / **File name:** **Browse** **Preview data** **Detect format**

Compression type: No compression
Column delimiter: Comma (,)
Row delimiter: Default (\r\n or \n)
Encoding: Default(UTF-8)
Quote character: Double quote (")
Escape character: Backslash (\)\n
First row as header:

Sink2

Data Factory Validate all Publish all

Denis_DF

Validate **Data flow debug**

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

Output stream name: sink2 **Learn more**

Description: Export data to Denis_GG **Reset**

Incoming stream: derivedColumn2

Sink type: **Dataset** **Inline** **Cache**

Dataset: Denis_GG **Test connection** **Open** **New**

Options: Allow schema drift Validate schema

Data Factory Validate all Publish all

Denis_DF Denis_GG

Azure SQL Database: Denis_GG

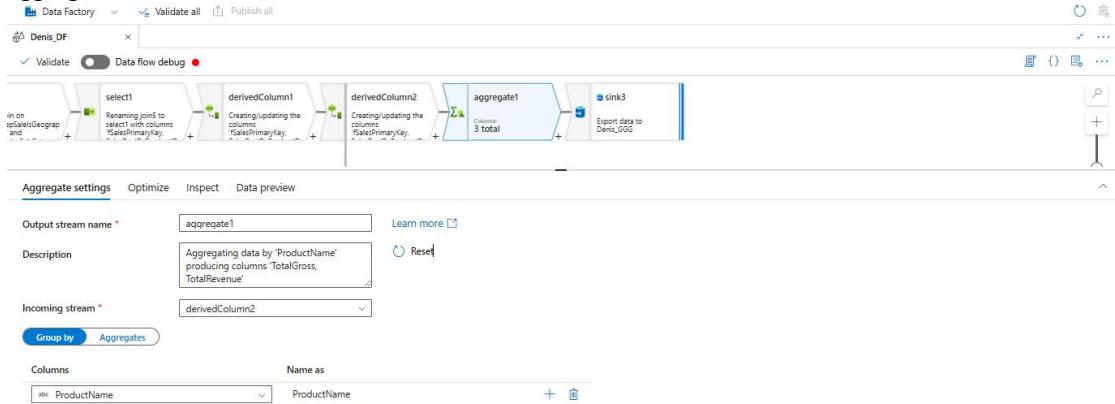
Connection Schema Parameters

Linked service: adf2asql_LS **Test connection** **Edit** **New** **Learn more**

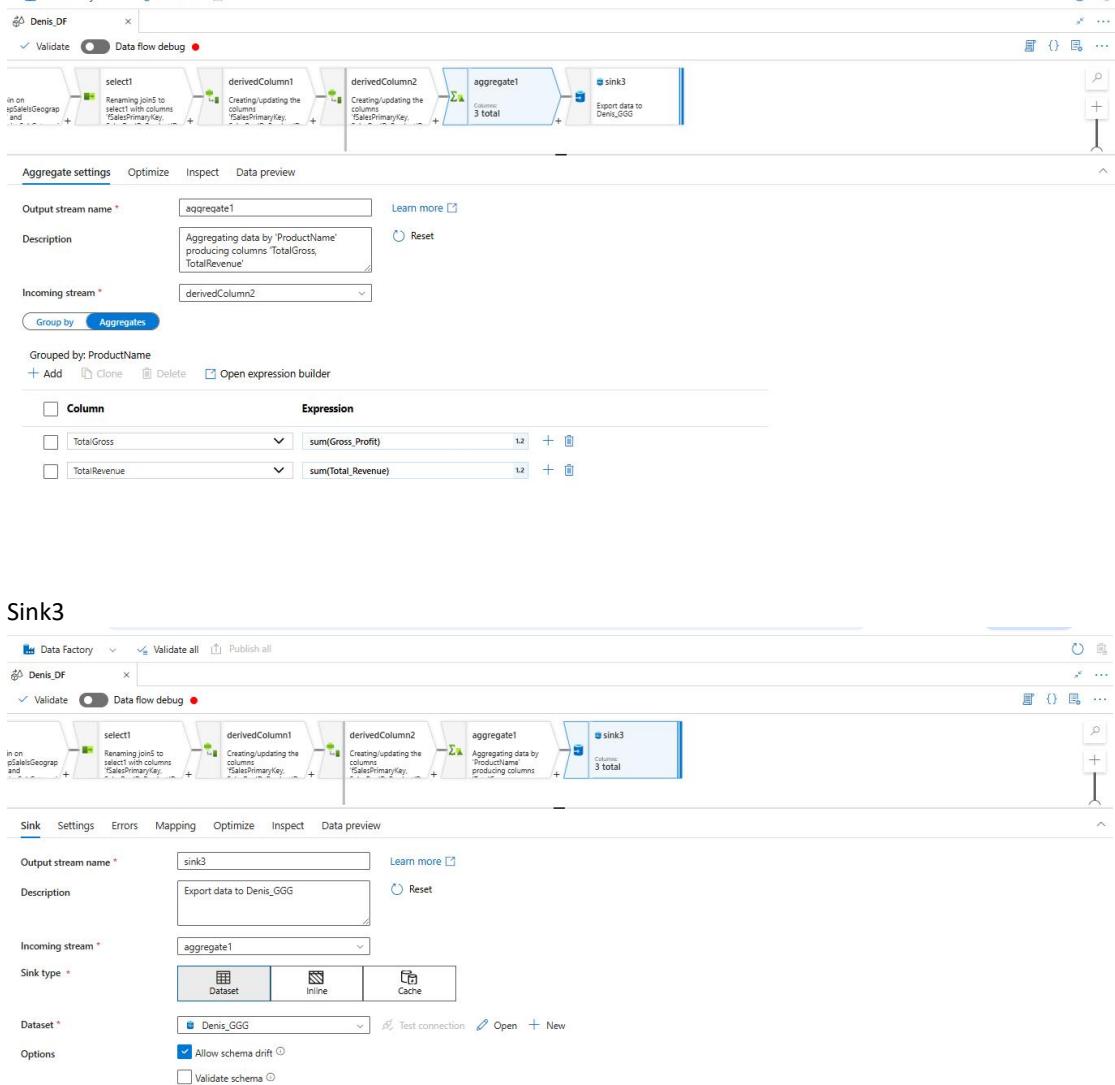
Table: **schema name:** .Denis_G_Tb **Preview data**

Enter manually

aggregate1



Sink3



Denis_DF Denis_GGG

Connection Schema Parameters

Linked service *

Table .

Edit linked service

Azure SQL Database

Name *

Description

Connect via integration runtime *

Version

Account selection method

Fully qualified domain name *

Database name *

Authentication type *

User name *

Edit linked service

Azure SQL Database

Authentication type *

User name *

Password

Always encrypted

Encrypt

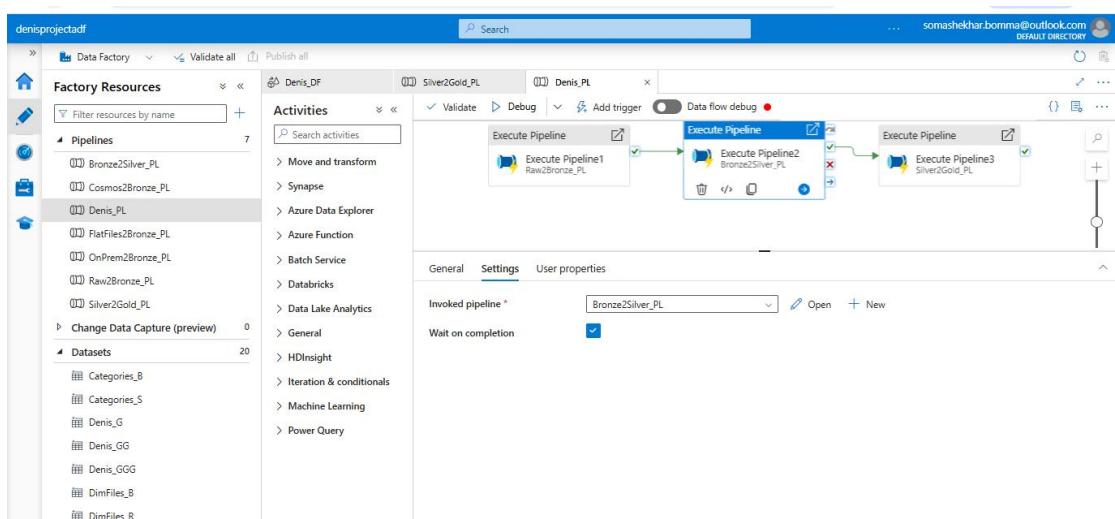
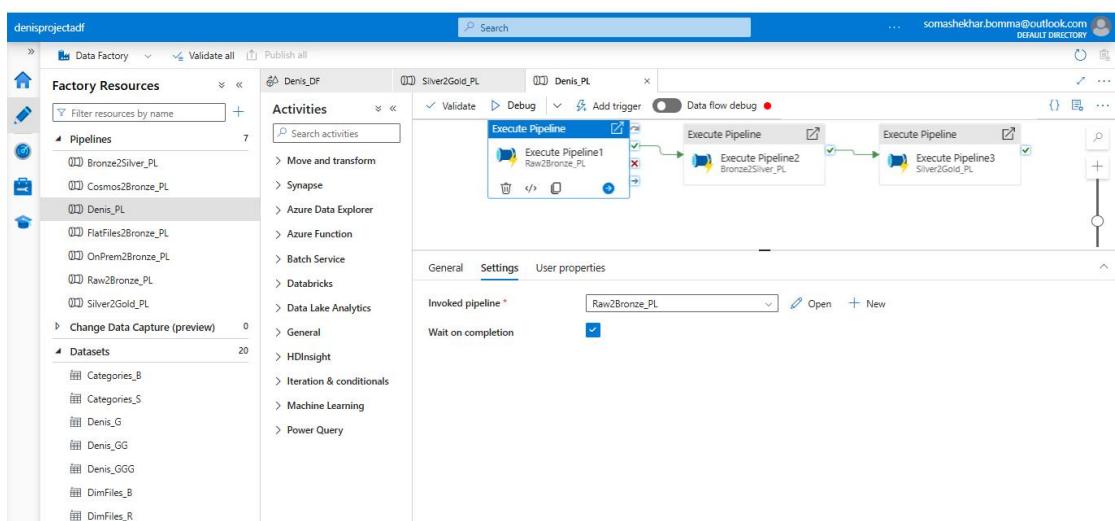
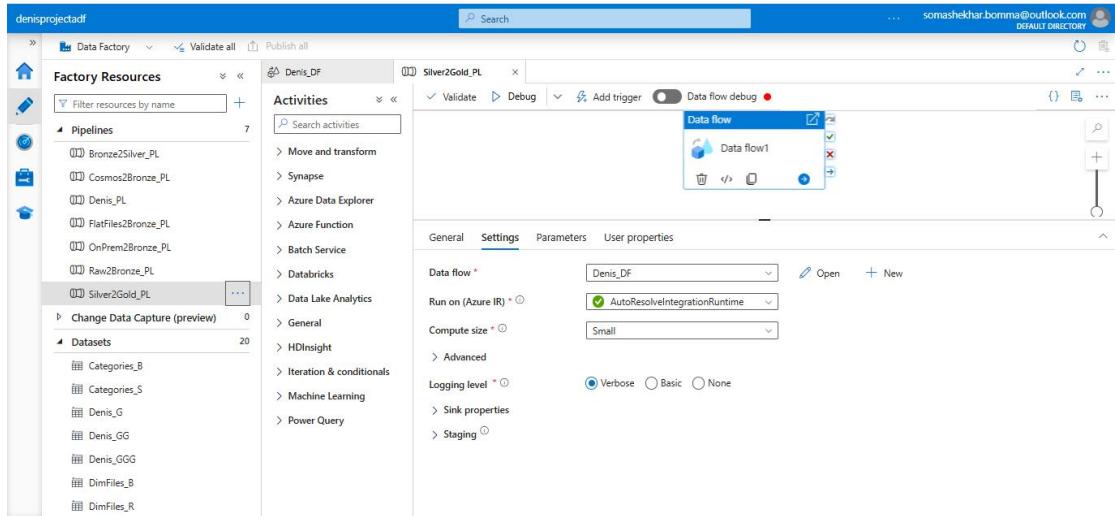
Trust server certificate

Host name in certificate

Additional connection properties

Annotations

Silver2Gold_PL



denisprojectadf

Data Factory - Validate all Publish all

Factory Resources

- Pipelines
 - Bronze2Silver_PL
 - Cosmos2Bronze_PL
 - Denis_PL**
 - FlatFiles2Bronze_PL
 - OnPrem2Bronze_PL
 - Raw2Bronze_PL
 - Silver2Gold_PL
- Change Data Capture (preview) 0
- Datasets 20
 - Categories_B
 - Categories_S
 - Denis_G
 - Denis_GG
 - Denis_GGG
 - DimFiles_B
 - DimFiles_R

Deris_DF Silver2Gold_PL Denis_PL

Activities

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

Validate Debug Add trigger Data flow debug

Execute Pipeline → Execute Pipeline1 Raw2Bronze_PL → Execute Pipeline2 Bronze2Silver_PL → Execute Pipeline3 Silver2Gold_PL

General Settings User properties

Invoked pipeline * Silver2Gold_PL Open + New

Wait on completion

Microsoft Azure | Data Factory - denisprojectadf

All pipeline runs > Denis_PL - Activity runs

Re-run Cancel Refresh Update pipeline List Gantt

Execute Pipeline → Execute Pipeline1 Raw2Bronze_PL → Execute Pipeline2 Bronze2Silver_PL → Execute Pipeline3 Silver2Gold_PL

Activity runs

Pipeline run ID: 09a937b6-f631-42c0-a8d8-b8f0e3e64c0b

All status Monitor in Azure Metrics Export to CSV

Showing 1 - 3 items

Activity name	Activity start	Activity type	Run start	Duration	Integration runtime	User properties	Activity run ID
Execute Pipeline3	Succeeded	Execute Pipeline	11/24/2025, 6:08:14 PM	2m 54s			4c2a2cec-5e73-4
Execute Pipeline2	Succeeded	Execute Pipeline	11/24/2025, 6:02:45 PM	5m 29s			2af1fc6c-1317-4
Execute Pipeline1	Succeeded	Execute Pipeline	11/24/2025, 6:01:27 PM	1m 18s			#04321b-9bf-4

Microsoft Azure | denissaadls

denissaadls | Storage browser

Storage account

Search Add Directory Upload Refresh Delete Copy Paste Rename Acquire lease ...

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

Search blobs by prefix (case-sensitive)

Only show active objects

Showing all 1 items

Name	Last modified	Access tier	Blob type	Size	Lease state
Denis_G.csv	11/24/2025, 6:09:40 PM	Hot (Inferred)	Block blob	6.56 MB	Available

Add or remove favorites by pressing Ctrl+Shift+F

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

denis_db (denissqlserver/denis_db) | Query editor (preview) somashekhar.bomma@somash.com DEFAULT DIRECTORY somash

Home > Resource Manager | Resource groups > denis-project-rg > denis_db (denissqlserver/denis_db)

SQL database

Login New Query Open query Feedback Getting started

denis_db (somashekhar.bomma@outlook.com)

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

Tables ...

dbo.Denis_G_Tb
dbo.ProductSummary_Tb
Views
Stored Procedures

Query 1 × Query 2 ×

Run Cancel query Save query Export data as Show only Editor

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

Results Messages

Search to filter items...

ISalesPrimaryKey	SalesRepID	ProductID	GeoID	Cou
35589	3	1	6	Czed
35590	2	2	2	Denr
35591	5	7	4	Germ

Query succeeded | ▾

The screenshot shows the Azure Query editor interface for the 'denis_db' database. The left sidebar lists various Azure services, and the main area shows the object explorer with tables 'dbo.Denis_G_Tb' and 'dbo.ProductSummary_Tb'. The 'Tables' section is expanded. A query window titled 'Query 1' contains the SQL command 'SELECT TOP (1000) * FROM [dbo].[Denis_G_Tb]'. The results pane displays a table with columns: ISalesPrimaryKey, SalesRepID, ProductID, GeoID, and Cou. The data shows three rows: (35589, 3, 1, 6, Czed), (35590, 2, 2, 2, Denr), and (35591, 5, 7, 4, Germ). A message at the bottom indicates 'Query succeeded'.

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

denis_db (denissqlserver/denis_db) | Query editor (preview) somashekhar.bomma@somash.com DEFAULT DIRECTORY somash

Home > Resource Manager | Resource groups > denis-project-rg > denis_db (denissqlserver/denis_db)

SQL database

Login New Query Open query Feedback Getting started

denis_db (somashekhar.bomma@outlook.com)

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

Tables ...

dbo.Denis_G_Tb
dbo.ProductSummary_Tb
Views
Stored Procedures

Query 1 × Query 2 × Query 3 ×

Run Cancel query Save query Export data as Show only Editor

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

Results Messages

Search to filter items...

ProductName	TotalGross	TotalRevenue
Alder	5838465.59999989	8526295.80000012
Quad	22262292.40000066	32396269.900000133
Black Monk	10816009.20000004	15740516.700000053
Carrots	15101070.40000094	21784690.340000016

Query succeeded | ▾

The screenshot shows the Azure Query editor interface for the 'denis_db' database. The left sidebar lists various Azure services, and the main area shows the object explorer with tables 'dbo.Denis_G_Tb' and 'dbo.ProductSummary_Tb'. The 'Tables' section is expanded. A query window titled 'Query 3' contains the SQL command 'SELECT TOP (1000) * FROM [dbo].[ProductSummary_Tb]'. The results pane displays a table with columns: ProductName, TotalGross, and TotalRevenue. The data shows four rows: Alder (TotalGross: 5838465.59999989, TotalRevenue: 8526295.80000012), Quad (TotalGross: 22262292.40000066, TotalRevenue: 32396269.900000133), Black Monk (TotalGross: 10816009.20000004, TotalRevenue: 15740516.700000053), and Carrots (TotalGross: 15101070.40000094, TotalRevenue: 21784690.340000016). A message at the bottom indicates 'Query succeeded'.