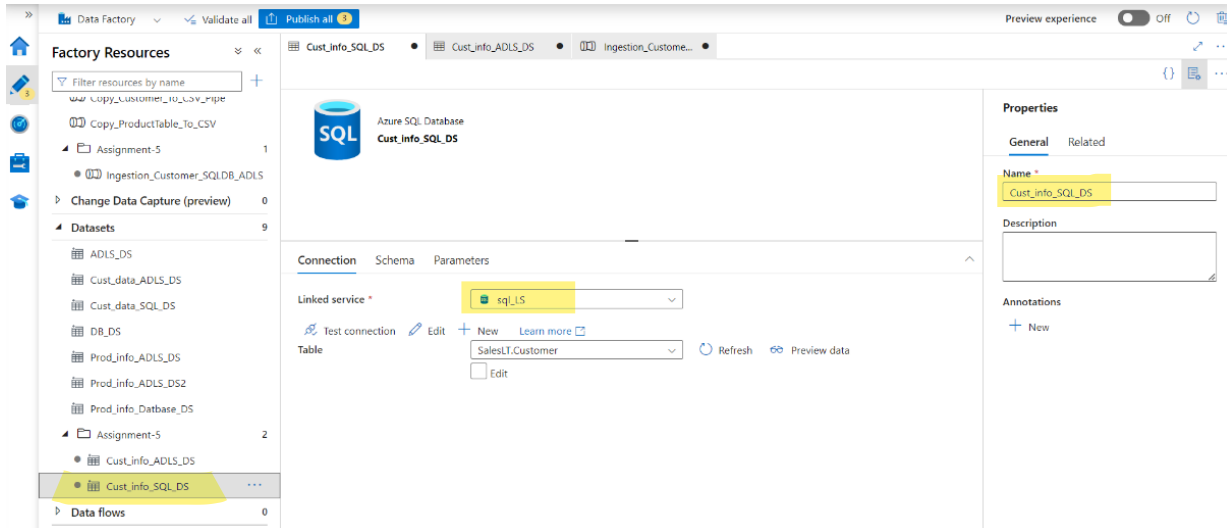


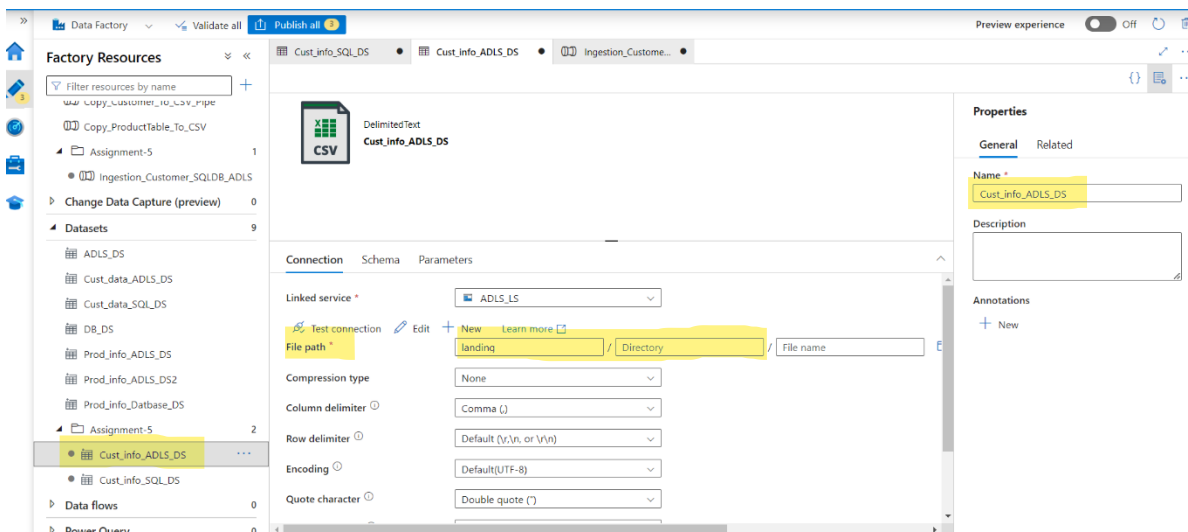
Assignment 5: ADF Pipeline 2

Question1: Create a pipeline name 'Ingestion_Customer_SQLDB_ADLS' which will copy all the records from Customer table to ADLS account as CSV File.

Creating Dataset using Customer info. SQL Db



Creating Dataset using Customer info. ADLS



Execution and Triggering the pipeline

The screenshot displays the Azure Data Factory portal interface. On the left, the 'Factory Resources' pane shows a list of pipelines, with 'Ingestion_Customer_SQLDB_ADLS' selected. The main pane shows the 'Activities' section for this pipeline, with a 'Copy data' activity highlighted. The 'Output' tab is active, showing the 'Pipeline run ID' as 'a1cc7b3f-ca2d-4166-bd39-b3fe9d02fe75'. Below this, a table lists the activities, with 'Ingestion_Customer_SQLDB_ADLS' showing a 'Succeeded' status.

Activity name	Status	Activity type	Run start	Duration	Log
Ingestion_Customer_SQLDB_ADLS	Succeeded	Copy data	7/4/2023, 11:14:42 PM	8s	

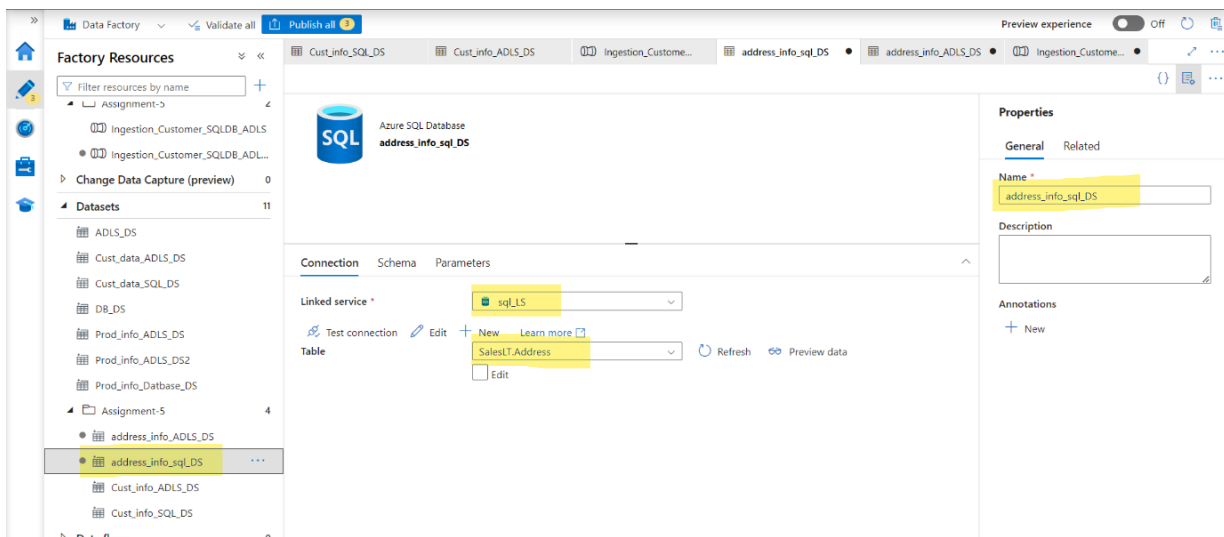
Finally Checking the Customer Data in landing ADLS

The screenshot shows the Azure Storage Explorer interface. The left pane displays the 'landing' container, with a list of files including 'SalesLT.Customer.txt'. The right pane shows the contents of 'SalesLT.Customer.txt', which is a CSV file containing customer data. The data is displayed in a table format with columns for CustomerID, NameStyle, Title, FirstName, MiddleName, LastName, Suffix, CompanyName, SalesPerson, EmailAddress, Phone, and Address.

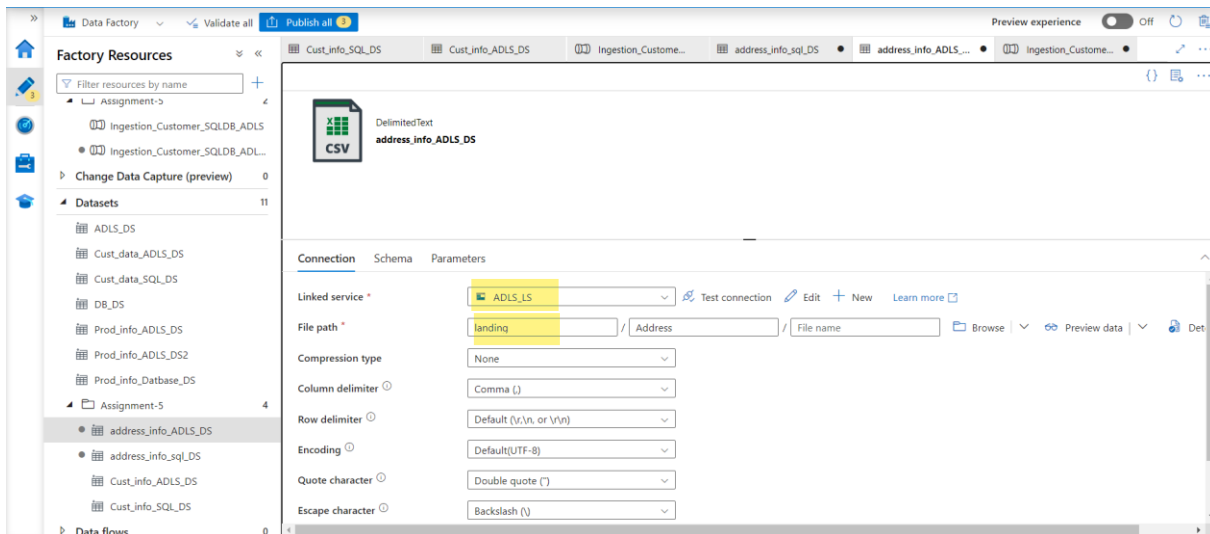
CustomerID	NameStyle	Title	FirstName	MiddleName	LastName	Suffix	CompanyName	SalesPerson	EmailAddress	Phone	Address
1	False	Mr.	Orlando	N.	Gee		A Bike Store	adventure-works\pamelao	orlando@adventure-works.com		
2	False	Mr.	Keith	Harris	Progressive Sports		adventure-works\david8	keith@adventure-works.com			
3	False	Ms.	Donna	F.	Carreras		Advanced Bike Components	adventure-works\jilliano	donna@adventure-works.com		
4	False	Ms.	Janet	M.	Gates		Modular Cycle Systems	adventure-works\jilliano	janet1@adventure-works.com		
5	False	Mr.	Lucy	Harrington	Metropolitan Sports Supply		adventure-works\shuo	lucy@adventure-works.com			
6	False	Ms.	Rosmarie	J.	Carroll		Aerobic Exercise Company	adventure-works\linda3	rosmarie@adventure-works.com		
7	False	Mr.	Dominic	P.	Gash		Associated Bikes	adventure-works\shuo	dominic@adventure-works.com		
8	False	Ms.	Kathleen	M.	Garza		Rural Cycle Emporium	adventure-works\jose1	kathleen@adventure-works.com		
9	False	Ms.	Katherine	Harding	Sharp Bikes		adventure-works\jose1	katherine@adventure-works.com			
10	False	Mr.	Johnny	A.	Caprio	Jr.	Bikes and Motorbikes	adventure-works\garrett1	johnny@adventure-works.com		
11	False	Mr.	Christopher	R.	Beck	Jr.	Bulk Discount Store	adventure-works\jae0	christopher1@adventure-works.com		
12	False	Mr.	David	J.	Liu		Catalog Store	adventure-works\michael9	david2@adventure-works.com		
13	False	Mr.	John	A.	Beaver		Center Cycle Shop	adventure-works\pamelao	john8@adventure-works.com		
14	False	Ms.	Jean	P.	Handley		Central Discount Store	adventure-works\david8	jean1@adventure-works.com		
15	False	Mr.	Jinghao	Liu	Chic Department Stores		adventure-works\jilliano	jinghao1@adventure-works.com			
16	False	Ms.	Linda	E.	Burnett		Travel Systems	adventure-works\jilliano	linda4@adventure-works.com		
17	False	Mr.	Kerim	Hanif	Bike World		adventure-works\shuo	kerim@adventure-works.com			
18	False	Mr.	Kevin	Liu	Eastside Department Store		adventure-works\linda3	kevin5@adventure-works.com			
19	False	Mr.	Kevin	Liu	Eastside Department Store		adventure-works\linda3	kevin5@adventure-works.com			

Question2: Create a pipeline name 'Ingestion_Customer_SQLDB_ADLS_Folder' which will copy all the records from Address table to ADLS account inside the 'Address' folder as CSV File.

Creating Dataset using Address info. SQL DB



Creating Dataset using Address info. ADLS



Executing and Triggering the Pipeline

The screenshot displays the Azure Data Factory (ADF) console. On the left, the 'Factory Resources' pane shows a list of pipelines, with 'Ingestion_Customer_SQLDB_ADLS' selected. The main canvas shows a 'Copy data' activity within a pipeline. The 'Properties' pane on the right shows the activity's configuration, including the name 'Ingestion_Customer_SQLDB_ADLS_Folder'. The 'Output' tab at the bottom shows the pipeline run status, indicating that the 'Ingestion_Customer_SQLDB_ADLS_Folder' activity has successfully completed.

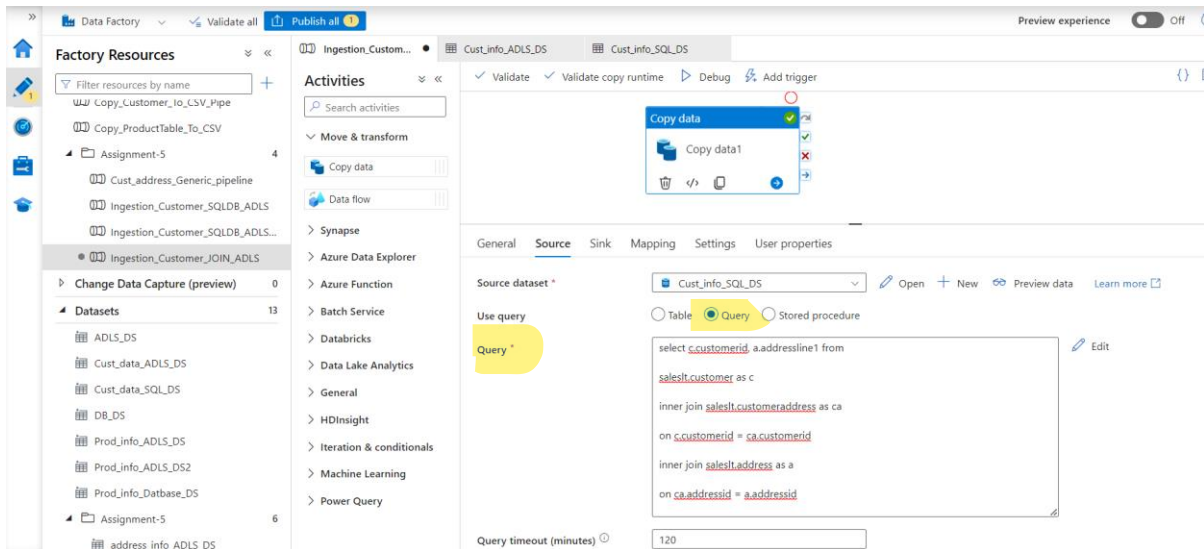
Activity name	Status	Activity type	Run start
Ingestion_Customer_SQLDB_ADLS_Folder	Succeeded	Copy data	7/4/2023, 3:11:49 PM

Finally Checking the Address Data in landing/Address ADLS

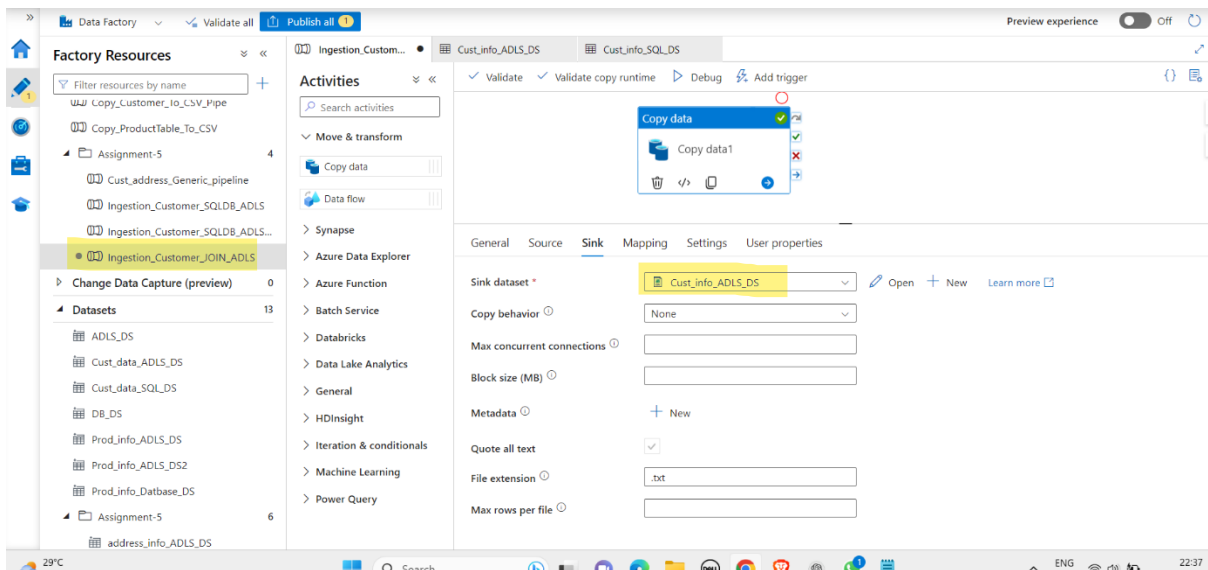
The screenshot shows the Azure Storage Explorer interface. The left pane displays the 'landing' container, which contains a file named 'SalesLT.Address.txt'. The right pane shows the contents of this file, which is a CSV dataset of address information. The data includes columns for AddressID, AddressLine1, AddressLine2, City, StateProvince, CountryRegion, PostalCode, rowguid, and ModifiedDate. The data is organized into rows, with the first row being a header row.

AddressID	AddressLine1	AddressLine2	City	StateProvince	CountryRegion	PostalCode	rowguid	ModifiedDate
9	8713 Yosemite Ct.		Bothell	Washington	United States	98011	268af621-76d7-4c78-9441-144fd139821a	2006-08-01 00:00:00
11	1318 Lasalle Street		Bothell	Washington	United States	98011	981b3383-aca2-49c7-9a96-fb678785b269	2006-08-01 00:00:00
25	9178 Jumping St.		Dallas	Texas	United States	75201	c8df3bd9-48f0-4654-abdd-14a67a84d3c6	2006-09-01 00:00:00
28	9228 Via Del Sol		Phoenix	Arizona	United States	85004	12ae5eef-fc3e-468b-9b92-3b970b169774	2005-08-01 00:00:00
32	26910 Indela Road		Montreal	Quebec	Canada	H1Y 2H5	84a95f62-3ae8-4e7e-bbd5-5a6f00cd982d	2006-08-01 00:00:00
185	2681 Eagle Peak		Bellevue	Washington	United States	98004	7bccf442-2268-46cc-8472-14c44c14e98c	2006-08-01 00:00:00
297	7943 Walnut Ave		Renton	Washington	United States	98055	52410da4-2778-4b1d-a599-95746625ce0d	2006-08-01 00:00:00
445	6388 Lake City Way		Burnaby	British Columbia	Canada	V5A 3A6	53572f25-9133-4a80-a0e5-102ff35416e6	2006-08-01 00:00:00
446	52500 Free Street		Toronto	Ontario	Canada	M4B 1V7	801a1dfc-5125-486b-a8a4-cdb2ec57c9a4	2005-08-01 00:00:00
447	22500 Free Street		Toronto	Ontario	Canada	M4B 1V7	88cee379-dbb6-433b-b6de-a35e08435580	2006-08-01 00:00:00
448	2575 Bloor Street East		Toronto	Ontario	Canada	M4B 1V6	2df6d0ad-0926-4f34-a450-9b1083150cbf	2006-08-01 00:00:00
449	Station E		Chalk River	Ontario	Canada	K0J 1J0	8b5a7729-cb75-4303-a607-7f9793ba494f	2005-08-01 00:00:00
450	575 Rue St Amable		Quebec	Quebec	Canada	G1R 5F3	5f3c345a-6475-41d5-b17b-d8d2773bb1	2006-09-01 00:00:00
451	2512-4th Ave Sw		Calgary	Alberta	Canada	T2P 2G8	49644f1e-6f90-46d9-8dbb-9db15f0ef7ec	2006-12-01 00:00:00
452	55 Lakeshore Blvd East		Toronto	Ontario	Canada	M4B 1V6	a358652f-0e00-49e6-b6b0-de1099c43506	2006-08-01 00:00:00
453	6333 Cote Vertu		Montreal	Quebec	Canada	H1Y 2H7	355681f2-4d9d-4522-bfao-105be64394d8	2007-09-01 00:00:00
454	3255 Front Street West		Toronto	Ontario	Canada	M4B 1V6	ef4dc57d-8b8b-4074-b5f0-acbef65dbec1	2006-08-01 00:00:00
455	2550 Signet Drive		Weston	Ontario	Canada	M9V 4K3	43d582cf-e95f-4861-ba60-2dc7121410a6	2006-08-01 00:00:00

Question3: Create a Pipeline name 'Ingestion_Customer_JOIN_ADLS' which will copy the all the customer names along with their address into the csv. (Hint Join Customer+ Customer Address table)
Creating a Source DS and Providing Query to get Customers along with Address



Creating a Sink in DS



Executing and Triggering the Pipeline

The screenshot shows the Azure Data Factory interface. On the left, the 'Factory Resources' pane lists various datasets and pipelines. The 'Activities' pane shows a 'Copy data' activity. The main pane displays the 'Copy data' activity details, including the 'Pipeline run ID' and a table showing the activity status.

Activity name	Status	Activity type	Run start	Duration	Log
Copy data1	Succeeded	Copy data	7/4/2023, 10:17:17 PM	7s	

Finally checking CustomerId, Address data in ADLS

The screenshot shows the Azure Storage Explorer interface. The left pane shows the 'landing' container. The right pane shows the 'customer_names_with_address.txt' file, which contains a list of customer names and addresses.

```
1 customerid,addressline1
2 29698,"#9900 2700 Production Way"
3 29997,"1050 Oak Street"
4 29854,"1200 First Ave."
5 30027,"123 Camelia Avenue"
6 30023,"123 W. Lake Ave."
7 29637,"12345 Sterling Avenue"
8 29545,"1318 Lasalle Street"
9 29890,"15 East Main"
10 29772,"165 North Main"
11 29883,"2000 300th Street"
12 29625,"20225 Lansing Ave"
13 29646,"220 Mercy Drive"
14 29719,"225 South 314th Street"
15 29773,"2251 Elliot Avenue"
16 30031,"2255 254th Avenue Se"
17 29598,"22555 Paseo De Las Americas"
18 30070,"22571 South 2500 East"
19 29627,"22580 Free Street"
```

Question4: Create a pipeline name 'Ingestion_Product_To_JSON' which will copy all the product records as JSON only if total number of records >10.

The screenshot shows the Azure Data Factory interface. The left pane shows the 'Factory Resources' pane. The main pane shows the 'Ingestion_Product_To_JSON' pipeline configuration. The 'Lookup' activity is configured to check the product data, and the 'If Condition' activity is configured to check if the total number of records is greater than 10.

Lookup Activity Configuration:

- Source dataset: SQL_generic_DS
- Dataset properties:
 - Name: SchemaName
 - Value: salesit
 - Type: string
 - Name: TableName
 - Value: product
 - Type: string
- First row only: ☒
- Use query: ☒ Table ☐ Query ☐ Stored procedure
- Query: select count(*) as RecordCount from salesit.product

Factory Resources

- Copy_ProductTable_To_CSV
- Assignment-5
 - 3_Tables_to_ADLS
 - Foreach_Example
 - Ingestion_Customer_JOIN_ADLS
 - Ingestion_Customer_SQLDB_ADLS
 - Ingestion_Customer_SQLDB_ADLS...
 - Ingestion_Product_To_JSON
 - Without_Foreach_Example
- Change Data Capture (preview) 0
- Datasets 14
 - ADLS_DS
 - Cust_data_ADLS_DS
 - Cust_data_SQL_DS
 - DB_DS
 - Prod_info_ADLS_DS
 - Prod_info_ADLS_DS2

Ingestion_Product...

Lookup

Check Product data

General **Activities (1)** User properties

Expression \odot @greater(activity('Check Product dat...)

Case	Activity
True	Product_data_to_...
False	No activities

Pipeline expression builder

Add dynamic content below using any combination of expressions, functions and system variables.

```
@greater(activity('Check Product data').output.firstRow.RecordCount,10)
```

Clear contents

Activity outputs Parameters System variables Functions Variables

Search

- Check Product data
- Check Product data activity output
- Check Product data
- Check Product data pipeline return value
- Check Product data first row
- Data of the first row
- Product_data_to_json_ADLS
- Product_data_to_json_ADLS activity output

OK Cancel

Factory Resources

- Copy_ProductTable_To_CSV
- Assignment-5
 - 3_Tables_to_ADLS
 - Foreach_Example
 - Ingestion_Customer_JOIN_ADLS
 - Ingestion_Customer_SQLDB_ADLS
 - Ingestion_Customer_SQLDB_ADLS...
 - Ingestion_Product_To_JSON
 - Without_Foreach_Example
- Change Data Capture (preview) 0
- Datasets 14
 - ADLS_DS
 - Cust_data_ADLS_DS
 - Cust_data_SQL_DS
 - DB_DS
 - Prod_info_ADLS_DS
 - Prod_info_ADLS_DS2

Ingestion_Product...

Validate Validate copy runtime Debug Add trigger

Ingestion_Product_To_JSON > Greater than 10 records > True activities

Copy data

Product_data_to_Is on ADLS

General **Source** Sink Mapping Settings User properties

Source dataset * SQL_generic_DS Open + New Preview data Learn more

Dataset properties

Name	Value
SchemaName	saleslt
TableName	product

Use query ☒ Table ☐ Query ☐ Stored procedure

Query timeout (minutes) \odot 120

Isolation level \odot None

Partition option \odot ☒ None ☐ Physical partitions of table \odot ☐ Dynamic range \odot

Factory Resources

- Copy_ProductTable_To_CSV
- Assignment-5
 - Copy_ProductTable_To_CSV
 - 3_Tables_to_ADLS
 - Foreach_Example
 - Ingestion_Customer_JOIN_ADLS
 - Ingestion_Customer_SQLDB_ADLS
 - Ingestion_Customer_SQLDB_ADLS...
 - Ingestion_Product_To_JSON
 - Without_Foreach_Example
- Change Data Capture (preview) 0
- Datasets 14
 - ADLS_DS
 - Cust_data_ADLS_DS
 - Cust_data_SQL_DS
 - DB_DS
 - Prod_info_ADLS_DS

Ingestion_Product...

Validate Validate copy runtime Debug Add trigger

Ingestion_Product_To_JSON > Greater than 10 records > True activities

Copy data

Product_data_to_Is on ADLS

General Source **Sink** Mapping Settings User properties

Sink dataset * ADLS_json_generic_DS Open + New Learn more

Dataset properties

Name	Value
FilePath	Json_Product_data

Copy behavior \odot None

Max concurrent connections \odot

Block size (MB) \odot

Metadata \odot + New

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

Factory Resources

Filter resources by name

- Copy_ProductTable_To_CSV
- Assignment-5
 - 3_Tables_to_ADLS
 - Foreach_Example
 - Ingestion_Customer_JOIN_ADLS
 - Ingestion_Customer_SQLDB_ADLS
 - Ingestion_Customer_SQLDB_ADLS...
 - Ingestion_Product_To_JSON**
 - Without_Foreach_Example
- Change Data Capture (preview)
- Datasets**
 - ADLS_DS
 - Cust_data_ADLS_DS
 - Cust_data_SQL_DS
 - DB_DS

Ingestion_Product...

Validate | Debug | Add trigger

Lookup: Check Product data

If Condition: Greater than 10 records

Parameters | Variables | Settings | **Output**

Pipeline run ID: f4e20b41-b502-41af-a713-21027a2df39e

All status | List

Showing 1 - 3 of 3 items

Activity name	Status	Activity type	Run start	Duration	Log	Integration runtime
Product_data_to_json_ADLS	Succeeded	Copy data	7/5/2023, 9:28:00 PM	7s		AutoResolveIntegrator
Greater than 10 records	Succeeded	If Condition	7/5/2023, 9:27:59 PM	10s		
Check Product data	Succeeded	Lookup	7/5/2023, 9:27:56 PM	3s		AutoResolveIntegrator

Containers > landing

Upload | Add Directory

Authentication method: Access key (Switch to Azure AD User Account)

Location: landing / Json_Product_data

Search blobs by prefix (case-...)

Show deleted objects

Name

- [-]
- saleslt.product.json

Json_Product_data/saleslt.product.json

Blob

Save | Discard | Download | Refresh | Delete

Overview | Versions | **Edit** | Generate SAS

```

1 [{"ProductID":680,"Name":"HL Road Frame - Black, 58","ProductNumber":"FR-R92B-58","Color":"Black","StandardCost":13.0}
2 [{"ProductID":706,"Name":"HL Road Frame - Red, 58","ProductNumber":"FR-R92R-58","Color":"Red","StandardCost":13.0}
3 [{"ProductID":707,"Name":"Sport-100 Helmet, Red","ProductNumber":"HL-U509-R","Color":"Red","StandardCost":13.0}
4 [{"ProductID":708,"Name":"Sport-100 Helmet, Black","ProductNumber":"HL-U509-B","Color":"Black","StandardCost":13.0}
5 [{"ProductID":709,"Name":"Mountain Bike Socks, M","ProductNumber":"SO-B909-M","Color":"White","StandardCost":3.0}
6 [{"ProductID":710,"Name":"Mountain Bike Socks, L","ProductNumber":"SO-B909-L","Color":"White","StandardCost":3.0}
7 [{"ProductID":711,"Name":"Sport-100 Helmet, Blue","ProductNumber":"HL-U509-B","Color":"Blue","StandardCost":13.0}
8 [{"ProductID":712,"Name":"AWC Logo Cap","ProductNumber":"CA-1098","Color":"Multi","StandardCost":6.9223,"ListPrice":12.0}
9 [{"ProductID":713,"Name":"Long-Sleeve Logo Jersey, S","ProductNumber":"LJ-0192-S","Color":"Multi","StandardCost":12.0}
10 [{"ProductID":714,"Name":"Long-Sleeve Logo Jersey, M","ProductNumber":"LJ-0192-M","Color":"Multi","StandardCost":12.0}
11 [{"ProductID":715,"Name":"Long-Sleeve Logo Jersey, L","ProductNumber":"LJ-0192-L","Color":"Multi","StandardCost":12.0}
12 [{"ProductID":716,"Name":"Long-Sleeve Logo Jersey, XL","ProductNumber":"LJ-0192-X","Color":"Multi","StandardCost":12.0}
13 [{"ProductID":717,"Name":"HL Road Frame - Red, 62","ProductNumber":"FR-R92R-62","Color":"Red","StandardCost":13.0}
14 [{"ProductID":718,"Name":"HL Road Frame - Red, 44","ProductNumber":"FR-R92R-44","Color":"Red","StandardCost":13.0}
15 [{"ProductID":719,"Name":"HL Road Frame - Red, 48","ProductNumber":"FR-R92R-48","Color":"Red","StandardCost":13.0}
16 [{"ProductID":720,"Name":"HL Road Frame - Red, 52","ProductNumber":"FR-R92R-52","Color":"Red","StandardCost":13.0}
17 [{"ProductID":721,"Name":"HL Road Frame - Red, 56","ProductNumber":"FR-R92R-56","Color":"Red","StandardCost":13.0}
18 [{"ProductID":722,"Name":"LL Road Frame - Black, 58","ProductNumber":"FR-R38B-58","Color":"Black","StandardCost":13.0}
19 [{"ProductID":723,"Name":"LL Road Frame - Black, 60","ProductNumber":"FR-R38B-60","Color":"Black","StandardCost":13.0}

```

Json | Preview

Question5: Create a pipeline name 'Ingestion_Product_Address_To_JSON' which will copy all the product records as JSON only if total number of records >10. After that check total record count in address table if they are greater than 100 then copy the address table data as CSV in ADLS.

Note: Product data already created in above Q4.

Data Factory | Validate all | Publish all | Preview experience

Factory Resources

Filter resources by name

- address_greater_than_100
- Foreach_Example
- Ingestion_Customer_JOIN_ADLS
- Ingestion_Customer_SQLDB_ADLS
- Ingestion_Customer_SQLDB_ADLS...
- Ingestion_Product_To_JSON
- Ingestion_Product_Addres_To_JS...
- Without_Foreach_Example

Change Data Capture (preview) 0

Datasets

14

- ADLS_DS
- Cust_data_ADLS_DS
- Cust_data_SQL_DS
- DB_DS
- Prod_info_ADLS_DS
- Prod_info_ADLS_DS2
- Prod_info_Database_DS

Activities

cop

Move & transform

- Copy data

Validation: Validate | Debug | Add trigger

Lookup: Check address data

If Condition: Address data greater than 100...

Settings

Source dataset: SQL_generic_DS

Dataset properties:

Name	Value
SchemaName	saleslt
TableName	address

First row only: ☒

Use query: ☐ Table ☒ Query ☐ Stored procedure

Query: select count(*) as RecordCount from saleslt.address

Data Factory | Validate all | Publish all

Factory Resources

Filter resources by name

- address_greater_than_100
- Foreach_Example
- Ingestion_Customer_JOIN_ADLS
- Ingestion_Customer_SQLDB_ADLS
- Ingestion_Customer_SQLDB_ADLS...
- Ingestion_Product_To_JSON
- Ingestion_Product_Addres_To_JS...
- Without_Foreach_Example

Change Data Capture (preview) 0

Datasets

14

- ADLS_DS
- Cust_data_ADLS_DS
- Cust_data_SQL_DS
- DB_DS
- Prod_info_ADLS_DS
- Prod_info_ADLS_DS2
- Prod_info_Database_DS

Activities (1)

Expression: @greater(activity('Check address dat...', ...)

Case	Activity
True	Copy data1 1 Activity
False	No activities

Pipeline expression builder

Add dynamic content below using any combination of expressions, functions and system variables

@greater(activity('Check address data').output.firstRow.RecordCount, 100)

Clear contents

Activity outputs

Check address data
Check address data activity output

Check address data
Check address data pipeline return value

Check address data first row
Data of the first row

Copy data1
Copy data1 activity output

OK Cancel

Ingestion_Product_...

address_greater_th...

Ingestion_Product_...

Validate

Validate copy runtime

Debug

Add trigger

address_greater_than_100 > Address data greater than 100 records > True activities

Copy data

Copy data1

General

Source

Sink

Mapping

Settings

User properties

Source dataset *

SQL_generic_DS

Open

New

Preview data

Learn more

Dataset properties

Name	Value
SchemaName	saleslt
TableName	address

Use query

Table

Query

Stored procedure

Query timeout (minutes)

120

Ingestion_Product_...

address_greater_th...

Ingestion_Product_...

Validate

Validate copy runtime

Debug

Add trigger

address_greater_than_100 > Address data greater than 100 records > True activities

Copy data

Copy data1

General

Source

Sink

Mapping

Settings

User properties

Sink dataset *

ADLS_CSV_Generic_DS

Open

New

Learn more

Dataset properties

Name	Value
FilePath	CSV_Address_data

Copy behavior

None

Max concurrent connections

Block size (MB)

Factory Resources

Filter resources by name

- address_greater_than_100
- Foreach_Example
- Ingestion_Customer_JOIN_ADLS
- Ingestion_Customer_SQLDB_ADLS
- Ingestion_Customer_SQLDB_ADLS...
- Ingestion_Product_To_JSON
- Ingestion_Product_Addres_To_JS...
- Without_Foreach_Example

Change Data Capture (preview) 0

Datasets 14

- ADLS_DS
- Cust_data_ADLS_DS
- Cust_data_SQL_DS
- DB_DS
- Prod_info_ADLS_DS
- Prod_info_ADLS_DS2
- Prod_info_Database_DS

Ingestion_Product_... address_greater_th... Ingestion_Product_...

Validate Debug Add trigger

Lookup Check address data

If Condition Address data greater than 100...

Parameters Variables Settings Output

Pipeline run ID: a8f66b33-01ab-465c-8f5e-db2d0a60662b

All status List

Showing 1 - 3 of 3 items

Activity name	Status	Activity type	Run start	Duration	Log
Copy data1	Succeeded	Copy data	7/5/2023, 10:05:42 PM	8s	
Address data greater than 10...	Succeeded	If Condition	7/5/2023, 10:05:42 PM	10s	
Check address data	Succeeded	Lookup	7/5/2023, 10:05:38 PM	3s	

ntainers > landing >

CSV_Address_data/saleslt.address.txt

Blob

Save Discard Download Refresh Delete

Overview Versions Edit Generate SAS

```
1 AddressID,AddressLine1,AddressLine2,City,StateProvince,CountryRegion,PostalCode,rowguid,ModifiedDate
2 9,"8713 Yosemite Ct.",,"Bothell","Washington","United States","98011",268af621-76d7-4c78-9441-144fd139821a,200
3 11,"1318 Lasalle Street",,"Bothell","Washington","United States","98011",981b3303-aca2-49c7-9a96-fb670785b269
4 25,"9178 Jumping St.",,"Dallas","Texas","United States","75201",c8df3bd9-48f0-4654-a8dd-14a67a84d3c6,2006-09-0
5 28,"9228 Via Del Sol",,"Phoenix","Arizona","United States","85004",12ae5ee1-fc3e-468b-9b92-3b970b169774,2005-0
6 32,"26910 Indela Road",,"Montreal","Quebec","Canada","H1Y 2H5",84a95f62-3ae8-4e7e-bbd5-5a6f00cd982d,2006-08-0
7 185,"2681 Eagle Peak",,"Bellevue","Washington","United States","98004",7bccf442-2268-46cc-8472-14c44c14e98c,2
8 297,"7943 Walnut Ave",,"Renton","Washington","United States","98055",52410da4-2778-4b1d-a599-95746625ce6d,200
9 445,"6388 Lake City Way",,"Burnaby","British Columbia","Canada","V5A 3A6",53572f25-9133-4a8b-a065-102ff35416e
10 446,"52560 Free Street",,"Toronto","Ontario","Canada","M4B 1V7",801a1dfc-5125-486b-aa84-cbcd2ec57ca4,2005-08-0
11 447,"22580 Free Street",,"Toronto","Ontario","Canada","M4B 1V7",88cee379-dbb8-433b-b84e-a35e09435500,2006-08-0
12 448,"2575 Bloor Street East",,"Toronto","Ontario","Canada","M4B 1V6",2df6d0ad-0926-4f34-a450-9b1083150cbf,200
13 449,"Station E",,"Chalk River",,"Ontario","Canada","K0J 1J0",8b5a7729-cb75-4303-a607-7f9793b4d94f,2005-08-01
14 450,"575 Rue St Amable",,"Quebec","Quebec","Canada","G1R",5f3c345a-6475-41d5-b17b-dbd82773bb1,2006-09-01
15 451,"2512-4th Ave Sw",,"Calgary","Alberta","Canada","T2P 2G8",49644f1e-6f90-46d9-8dbb-9db15f0ef7ec,2006-12-01
16 452,"55 Lakeshore Blvd East",,"Toronto","Ontario","Canada","M4B 1V6",a358652f-0e00-49e6-b6b0-de1099c43506,200
17 453,"6333 Cote Vertu",,"Montreal","Quebec","Canada","H1V 2H7",355681f2-4d9d-4522-bfa0-105be64394d8,2007-09-01
18 454,"3255 Front Street West",,"Toronto","Ontario","Canada","M4B 1V6",ef4dc57d-8b8b-4074-b5f0-acbef65dbec1,200
19 455,"2550 Signet Drive",,"Weston","Ontario","Canada","M9V 4W3",43d582cf-e95f-4861-ba60-2dc7121410a6,2006-08-0
```

Text Preview

Factory Resources

Filter resources by name

- address_greater_than_100
- Foreach_Example
- Ingestion_Customer_JOIN_ADLS
- Ingestion_Customer_SQLDB_ADLS
- Ingestion_Customer_SQLDB_ADLS...
- Ingestion_Product_To_JSON
- Ingestion_Product_Addres_To_JS...
- Without_Foreach_Example

Change Data Capture (preview) 0

Datasets 14

- ADLS_DS
- Cust_data_ADLS_DS
- Cust_data_SQL_DS
- DB_DS

Ingestion_Product_... address_greater_th... Ingestion_Product_...

Validate Debug Add trigger

If Condition Greater than 10 records

Lookup Check Product data

Execute Pipeline Address data greater than 100

General Settings User properties

Invoked pipeline * address_greater_than_100

Wait on completion

Data Factory

Validate all

Publish all

Preview

Factory Resources

Filter resources by name

address_greater_than_100

Foreach_Example

Ingestion_Customer_JOIN_ADLS

Ingestion_Customer_SQLDB_ADLS

Ingestion_Customer_SQLDB_ADLS...

Ingestion_Product_To_JSON

Ingestion_Product_Addres_To_JS...

Without_Foreach_Example

Change Data Capture (preview)

Datasets

ADLS_DS

Cust_data_ADLS_DS

Cust_data_SQL_DS

DB_DS

Prod_info_ADLS_DS

Prod_info_ADLS_DS2

Ingestion_Product...

address_greater_th...

Ingestion_Product...

Validate

Debug

Add trigger

Lookup

Check Product data

If Condition

Greater than 10 records

Execute Pipeline

Address data greater than 100

Parameters

Variables

Settings

Output

Pipeline run ID: 9b5b0dd3-b34a-40a2-8bad-adb4a09c0e34

All status

List

Showing 1 - 4 of 4 items

Activity name	Status	Activity type	Run start	Duration	Log
Address data greater than 100	Succeeded	Execute Pipeline	7/5/2023, 10:00:01 PM	21s	
Product_data_to_json_ADLS	Succeeded	Copy data	7/5/2023, 9:59:51 PM	9s	
Greater than 10 records	Succeeded	If Condition	7/5/2023, 9:59:50 PM	11s	
Check Product data	Succeeded	Lookup	7/5/2023, 9:59:36 PM	13s	

Pipeline run ID: 9b5b0dd3-b34a-40a2-8bad-adb4a09c0e34

All status List

Showing 1 - 4 of 4 items

Activity name	Status	Activity type	Run start	Duration	Log
Address data greater than 100	Succeeded	Execute Pipeline	7/5/2023, 10:00:01 PM	21s	
Product_data_to_json_ADLS	Succeeded	Copy data	7/5/2023, 9:59:51 PM	9s	
Greater than 10 records	Succeeded	If Condition	7/5/2023, 9:59:50 PM	11s	
Check Product data	Succeeded	Lookup	7/5/2023, 9:59:36 PM	13s	