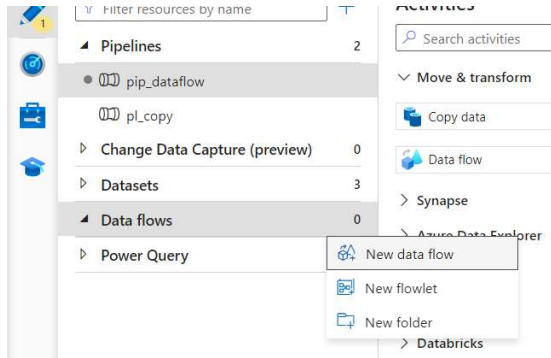
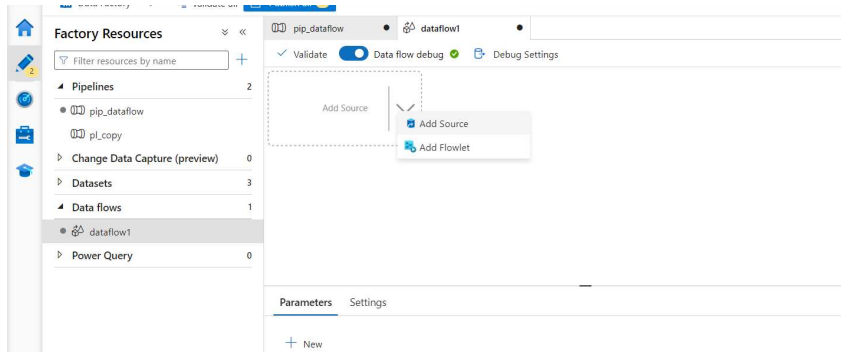


Mapping Data Flow

1. In this example we are going to create a Data Flow. To load the SQL Server table into Cloud Storage.
2. Go to Data Factory, go to Author, right-click on Data Flow, and click on New Data Flow.



3. Switch on the data flow debug. Click on the drop-down and click on Add Source.



4. In the Source Setting give the Name and select the SqlServer dataset that we created in the previous session and check the below properties as shown below.

Source settings

Source options

Projection

Optimize

Inspect

Data preview

Output stream name *

source1

Learn more

Description

Import data from SqlServer_src

Reset

Source type *

Dataset

Inline

Dataset *

SqlServer_src

Test connection

Open

New

Options

☒ Allow schema drift

☐ Infer drifted column types

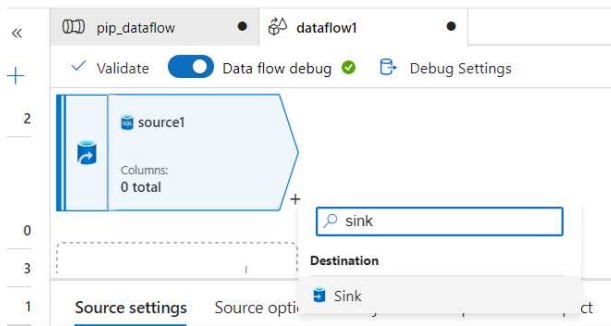
☐ Validate schema

Sampling *

Enable

Disable

5. Now click on the Plus symbol and click on Sink as shown below.



6. Now in the sink, give the name and select the sink dataset that we created in the previous session and check the below properties as shown below.

Sink Settings Errors Mapping Optimize Inspect Data preview

Output stream name * sink1 [Learn more](#)

Description Export data to ds_sink_txt [Reset](#)

Incoming stream * source1

Sink type * ☒ Dataset ☐ Inline ☐ Cache

Dataset * ds_sink_txt [Test connection](#) [Open](#) [New](#)

Skip line count

Options ☒ Allow schema drift ☐ Validate schema

7. Under settings select the File option and give the file name.

Sink Settings Errors Mapping Optimize Inspect Data preview

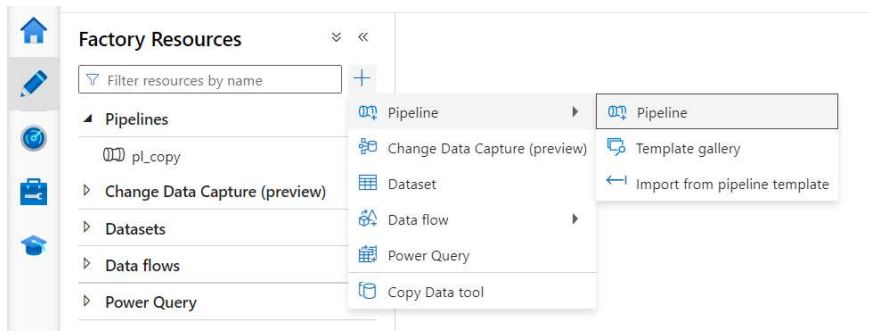
i This sink currently has Single partition set in Optimize. This will make your data flow execution long current partitioning.

Clear the folder ☐

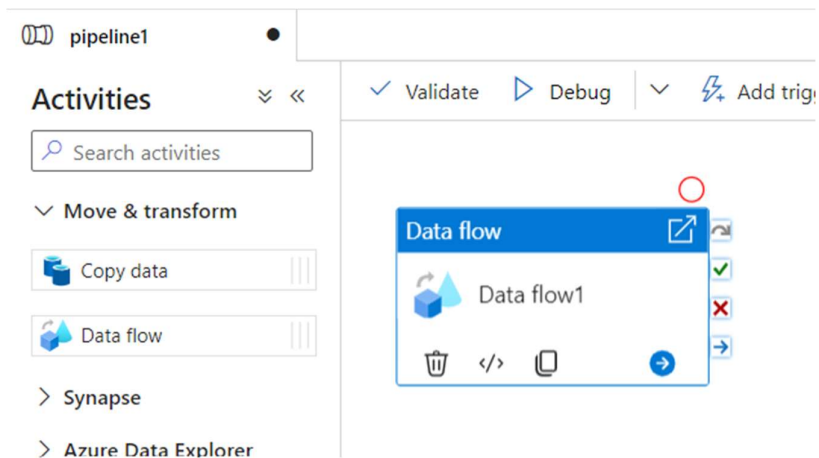
File name option * Output to single file

Output to single file * Totalsales.csv

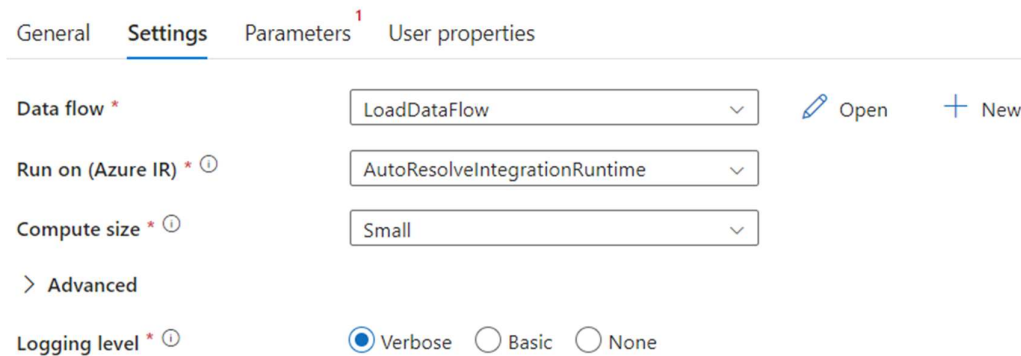
8. Create a Pipeline



9. Next Under Activity Drag and drop the Data Flow as shown below.



10. Under settings select the Data flow that we created.



11. Next validate the Pipeline and click on Debug.

12. Our pipeline is Successfully executed.

The screenshot shows the Azure Data Factory console. On the left, the 'Activities' pane lists 'Move & transform' with 'Copy data' and 'Data flow', and 'Synapse' with 'Azure Data Explorer', 'Azure Function', 'Batch Service', 'Databricks', 'Data Lake Analytics', 'General', and 'HDInsight'. The main area shows a pipeline named 'pip_dataflow' with a 'Data flow' activity named 'Data flow1'. The pipeline is in a 'Succeeded' state. The 'Output' tab is selected, showing the 'Pipeline run ID' and a table with one item: 'Data flow1'.

Activity name	Status	Activity type
Data flow1	Succeeded	Data flow

13. Go to Destination and Check the file then data.

FilterOutput/Totalsales.csv

Blob

Save Discard Download Refresh Delete

Overview Versions Snapshots Edit Generate SAS

id	SalePersonFName	SalePersonLName	ProductName	ItemsSold	SoldPrice	Country	Region
1	Aamir	Shahzad	TV	1	700	USA	North America
2	M	Raza	Cell Phone	2	800	USA	North America
3	Christy	Ladson	TV	3	1600	USA	North America
4	John	Rivers	Laptop	5	2400	USA	North America
5	Najaf	Ali	Computer	1	300	Pakistan	Asia
6	Sukhjeet	Singh	TV	2	900	India	Asia
7	Chirag	Patel	Cell Phone	5	1500	India	Asia
8	Aleena	Aman	Laptop	2	800	Pakistan	Asia
9	Petra	Henry	TV	10	5000	France	Europe
10	Rita	Roger	Laptop	7	2100	France	Europe
11	Tamara	Tony	Cell Phone	2	1200	Germany	Europe

Edit