

Initial Step (Optional): All the scripts are executed in Azure SQL Database in AssignmentTest database, however, in order to create in new database, Run the scripts in order e.g. 1..2..3..4 after changing the database name at top of every script (in case database name is different than AssignmentTest)

Main Step: Azure Data Factory pipeline is already created, just run the C# program either through Visual Studio IDE or Just from bin directory, Press Y to start the pipeline, (Pipeline will load the OLTP data from Data Lake, transform into Star Schema Data Ware House format (fact, dimension) and push in OLAP tables of Data Ware House), Pipeline Execution can be viewed on console app OR on Azure Data Factory Monitor area , Once the C# program is executed, it's write the execution status in Azure SQL Database in LogInfo table

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Cancel options

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Edit columns

List

Gantt

Filter by run ID or name

Islamabad, Karachi (... : Last 24 hours

Pipeline name : All

Status : All

Copy filters

Export to CSV

Runs : Latest runs

Triggered by : All

Add filter

Showing 1 - 6 items

Last refreshed 2 minutes ago

<input type="checkbox"/>	Pipeline name ↑↓	Run start ↑↓	Run end ↑↓	Duration	Triggered by	Status ↑↓	Erro
<input type="checkbox"/>	AssignmentETL	2/23/2023, 4:53:42 PM	2/23/2023, 4:59:04 PM	00:05:22	Manual trigger	✓ Succeeded	
<input type="checkbox"/>	AssignmentETL	2/23/2023, 3:32:36 PM	2/23/2023, 3:37:24 PM	00:04:48	Manual trigger	✓ Succeeded	
<input type="checkbox"/>	AssignmentETL	2/23/2023, 3:00:39 PM	2/23/2023, 3:06:01 PM	00:05:21	Manual trigger	✓ Succeeded	
<input type="checkbox"/>	AssignmentETL	2/23/2023, 2:47:01 PM	2/23/2023, 2:51:47 PM	00:04:46	Manual trigger	✓ Succeeded	
<input type="checkbox"/>	> AssignmentETL	2/23/2023, 1:55:21 PM	2/23/2023, 1:59:43 PM	00:04:22	Manual trigger	✓ Succeeded	
<input type="checkbox"/>	AssignmentETL	2/23/2023, 12:43:22 PM	2/23/2023, 12:48:41 PM	00:05:19	Manual trigger	✓ Succeeded	

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Data Factory | Validate all | Publish all

Preview experience Off

AssignmentETL

Validate | Debug | Add trigger | Data flow debug

Activities

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Batch Service

Expand resources pane

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Iteration & conditionals

Data flow

Load Product Dimension

Data flow

Load Category Dimension

Data flow

Load Supplier Dimension

Data flow

Load Fact Sale

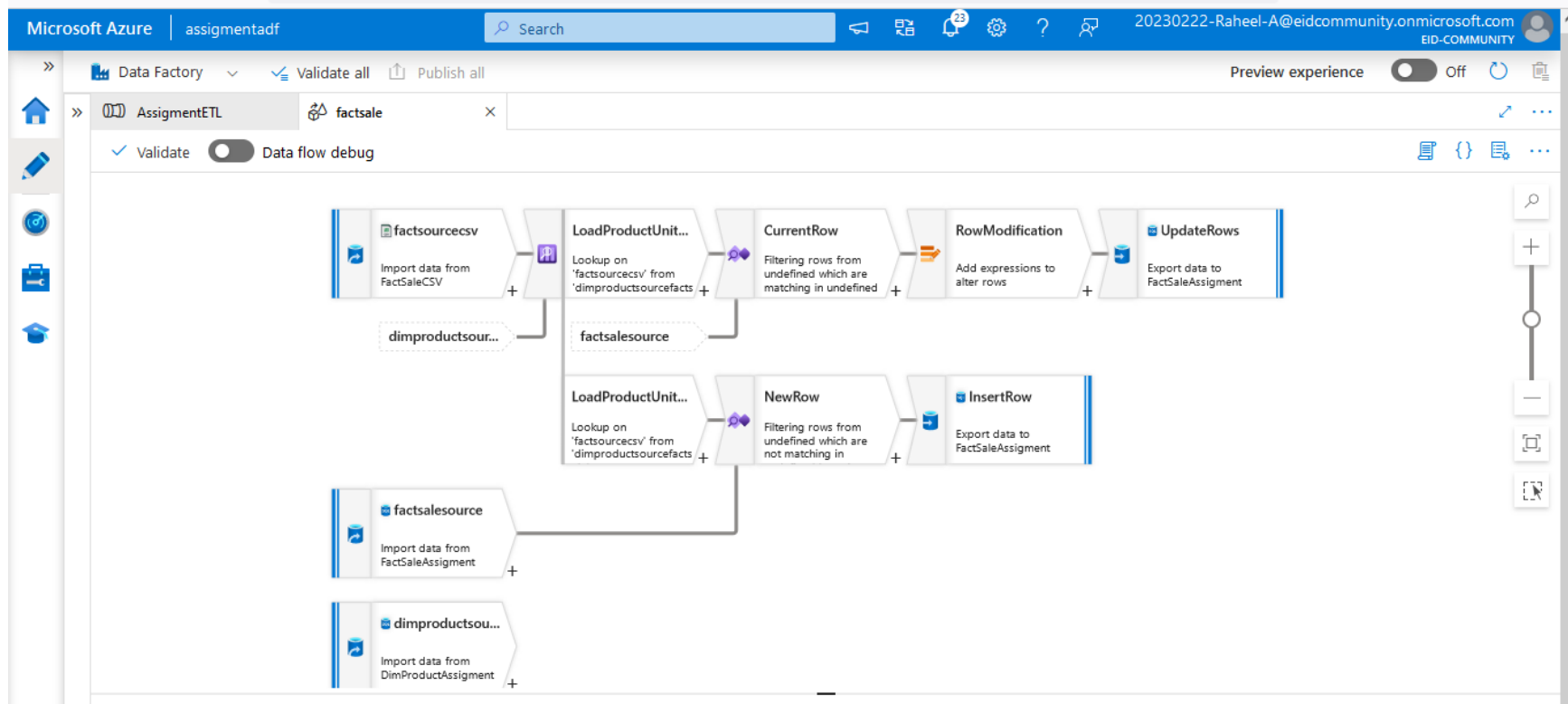
Parameters

Variables

Settings

Output

+ New



Another Step (Optional): Run CDCEnableDisable.sql script, It will enable CDC on assignment test database, create a history table, made some changes, push the changed data into history table, show changed data from history table, disable CDC and drop history table

Lastly, unfortunately, Azure Cognitive Search Indexer is continually getting failed with weird error message, I need time to figure that out, by the way, I started working on assignment at 9:00 AM Pakistan Time and right now it's 5:20 PM Pakistan Time

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azuresqlassignmentindexer

Indexer

✕

Run Reset Save Refresh Delete

Execution history Settings Indexer Definition (JSON)

Number of recent runs to show



Status	Last run	Duration	Docs succeeded	Errors/Warnings
Failed	2/23/2023, 15:09:13	343 ms	1/2	1/0
Reset	2/23/2023, 15:08:51	100 ms	0/0	0/0
Failed	2/23/2023, 15:07:27	1.33 s	1/2	1/0
Reset	2/23/2023, 15:06:44	100 ms	0/0	0/0
Failed	2/23/2023, 11:01:38	2.52 s	1/2	1/0