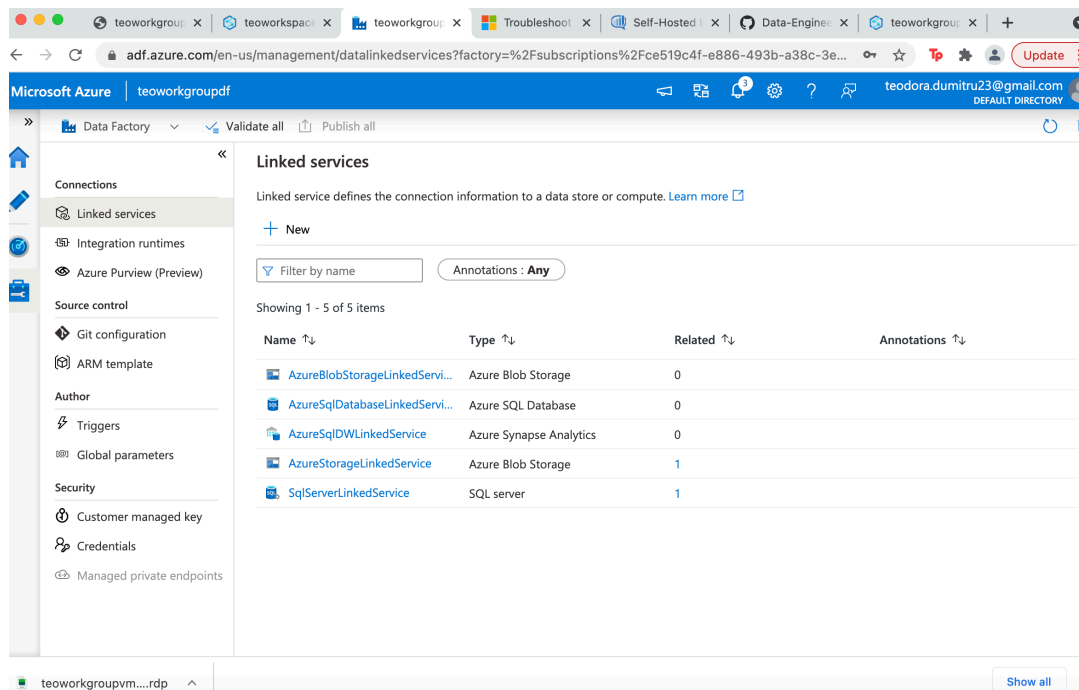
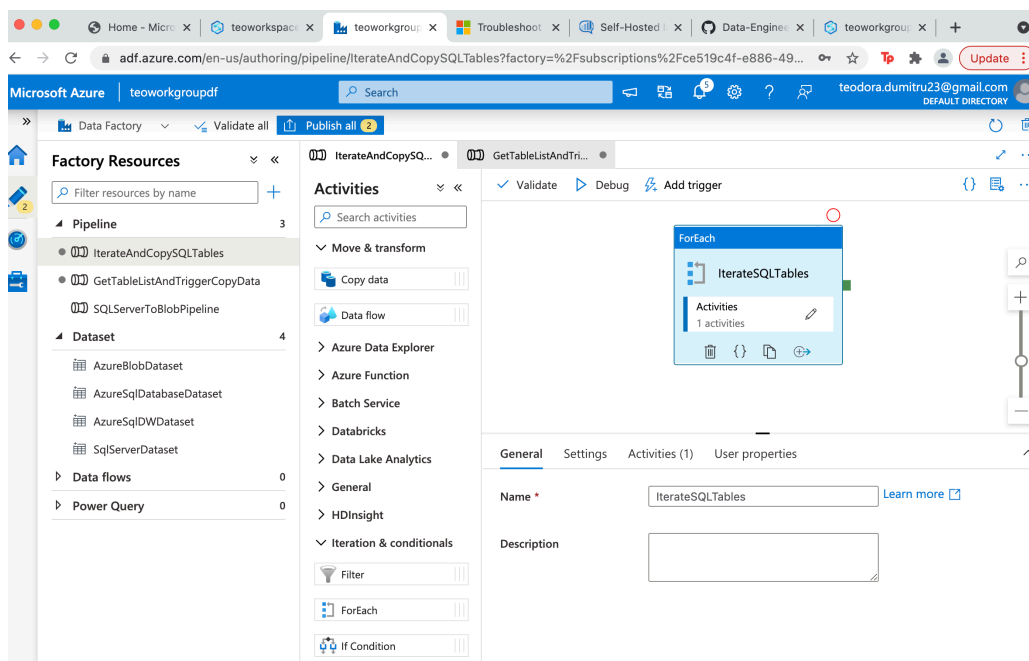


Problem 2

For problem two we had to ingest data from multiple tables in SQL Server database to Azure Blob Storage. We started with creating the linked services



After we set everything up we started creating two different pipelines



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Factory Resources

- Pipeline
 - IterateAndCopySQLTables
 - GetTableListAndTriggerCopyData
 - SQLServerToBlobPipeline
- Dataset
 - AzureBlobDataset
 - AzureSqlDatabaseDataset
 - AzureSqlDWDataset
 - SqlServerDataset
- Data flows: 0
- Power Query: 0

Activities

- General
 - Execute Pipeline
 - Execute SSIS package
- Machine Learning
 - Machine Learning Bat...
 - Machine Learning Exe...

Lookup

LookupTableList

Execute Pipeline

TriggerCopy

General Settings User properties

Invoked pipeline *

IterateAndCopySQLTables

Wait on completion

Parameters

Name	Type	Value	Default value
tableLise	array	@activity('LookupTableList')	

Then we triggered and ran the pipelines

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Pipeline runs

Triggered Debug Rerun Cancel Refresh Edit columns List Gantt

Search by run ID or na... Local time: Last 24 hours Pipeline name: All Status: All

Runs: Latest runs Triggered by: All Add filter

Showing 1 - 2 items

Pipeline name	Run start	Run end	Duration	Triggered by
IterateAndCopySQLTables	10/7/21, 11:41:18 PM	10/7/21, 11:41:37 PM	00:00:19	86200917-89c2-4769-88
GetTableListAndTriggerCopyD...	10/7/21, 11:41:10 PM	10/7/21, 11:41:20 PM	00:00:09	Manual trigger

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All pipeline runs > GetTableListAndTriggerCopyData - Activity runs

GetTableListAndTriggerCopyData

List Gantt Rerun Rerun from activity Rerun from failed activity Refresh Update pipeline

Lookup

LookupTableList

Execute Pipeline

TriggerCopy

Activity runs

Pipeline run ID d2f908a5-366c-4441-83b3-f136c8ca9b70

All status

Showing 1 - 2 of 2 items

Activity name	Activity type	Run start	Duration	Status	Error	Log
TriggerCopy	Execute Pipeline	10/7/21, 11:41:18 PM	00:00:02	Succeeded		
LookupTableList	Lookup	10/7/21, 11:41:12 PM	00:00:05	Succeeded		