

Pipeline to Load Data from GitHub to Azure SQL DB

Would you like to see Data Factory inside of Microsoft Fabric, Microsoft's newest cloud-first data analytics SaaS platform? Click [here](#) to get started with Fabric Data Factory!

Factory Resources

- Pipelines
 - incremental_pipeline
 - pipeline_copy_git_to_sql
- Datasets
 - bronze_dataset_datalake
 - Dataset_SQLdb
 - git_dataset
- Data flows
- Power Query

Activities

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

Copy data

Copy Git to SQL

Source dataset: git_dataset

Dataset properties

| Name | Value | Type |
|--------------|---------------|--------|
| gitdataparam | SalesData.csv | String |

Request method: GET

Pipeline to Load Data from Azure SQL DB to Azure Data Lake Bronze Container

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Activities

- Lookup
- Copy data
- Stored procedure

Lookup: Last Load

Lookup: Current_load

Copy data: Copy increm data

Stored procedure: Stored procedure watermark table

Parameters Variables Settings Output

| Activity name | Activity st... | Activit... | Run start | Duration | Integration runtime |
|--------------------------------|----------------|----------------|------------------------|----------|--|
| Stored procedure watermark tai | ✓ Succeeded | Stored procedu | 8/31/2025, 12:42:22 PM | 6s | AutoResolveIntegrationRuntime (West U |
| Copy increm data | ✓ Succeeded | Copy data | 8/31/2025, 12:42:03 PM | 18s | AutoResolveIntegrationRuntime (East US |
| Current_load | ✓ Succeeded | Lookup | 8/31/2025, 12:41:43 PM | 19s | AutoResolveIntegrationRuntime (West U |
| Last Load | ✓ Succeeded | Lookup | 8/31/2025, 12:41:43 PM | 9s | AutoResolveIntegrationRuntime (West U |