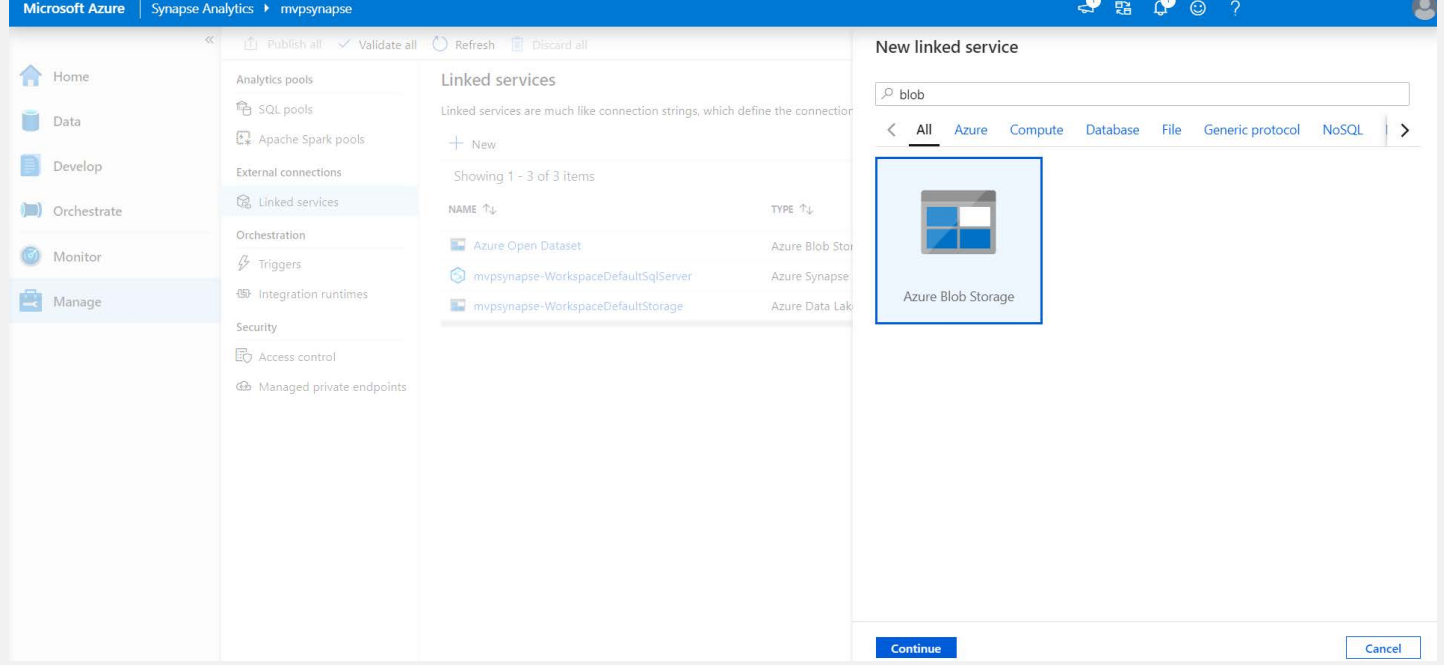## Microsoft Azure

Code-free ETL with Azure Synapse Analytics

Drawing insights from data usually requires coding skills, limiting who can participate. Now you can build resilient data pipelines without writing a single line of code with Azure Synapse Analytics. Discover how easy it is to link to a data source, set up a pipeline to copy your source data into your Azure Data Lake Storage account, and perform common analytics scenarios without code.

Tip: Get started with Azure Synapse Analytics in <u>four quick steps.</u>
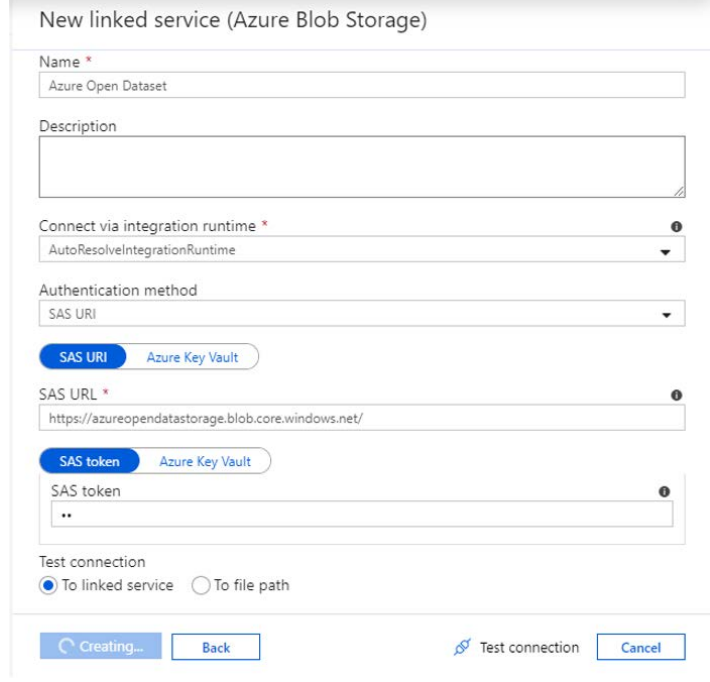

STEP 1

Set up a new linked service by going to the **Manage** hub, clicking on **Linked services**, then clicking on **+New**. Type *Azure Blob Storage* into the search box and select the service.
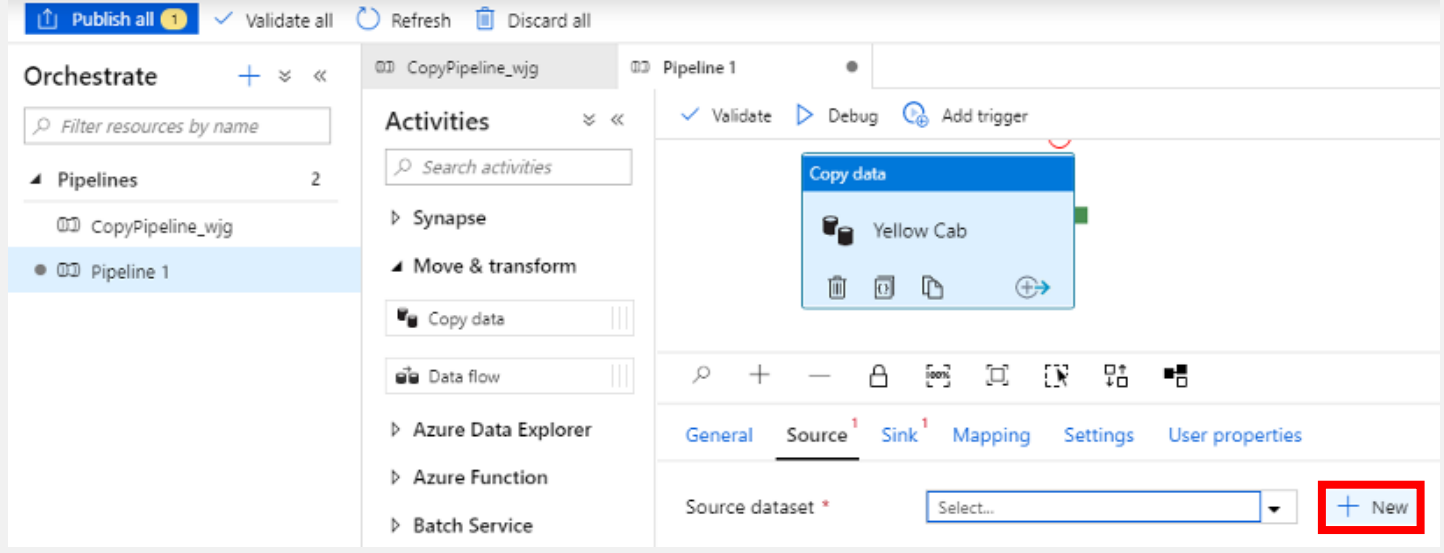

STEP 2

Point the new **linked service** to your source data. Here, the source data is the **Azure Open Dataset**.
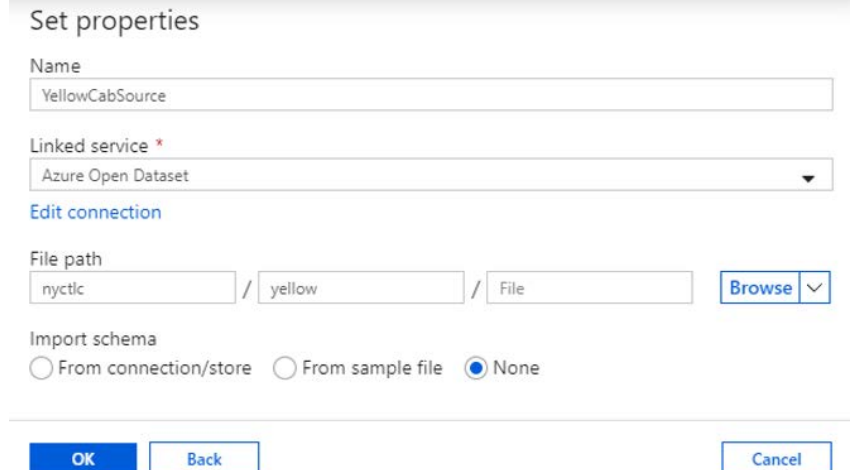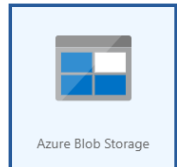

STEP 3

Create a new **Pipeline** in the **Orchestrate** hub and add a **Copy data** activity. Point the source dataset to the Azure Open Dataset set up in Step 2.
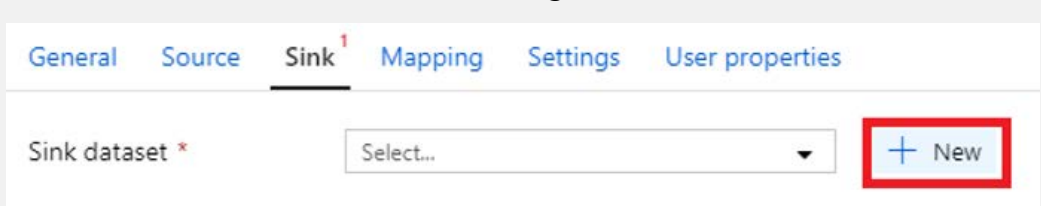

STEP 4

Select **Azure Blob Storage** for the data source and **Parquet** as the format. Set the data source properties to those shown at right.

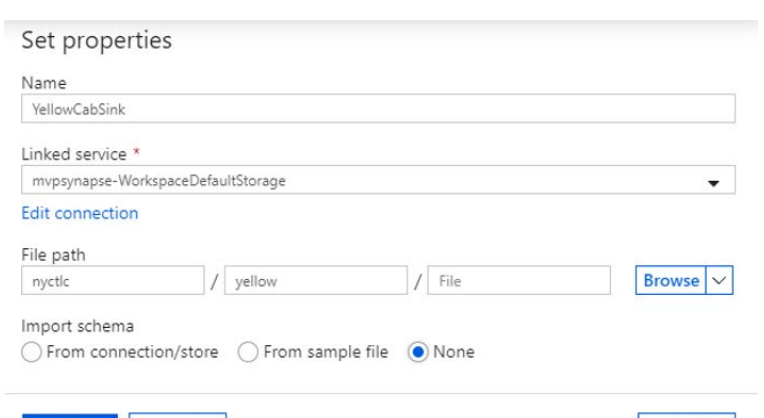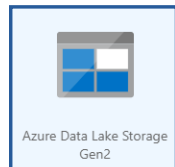
STEP 5

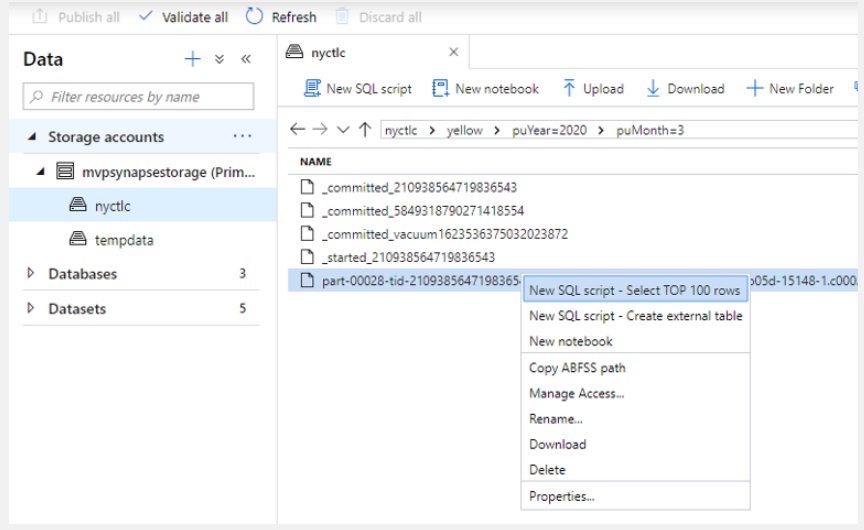Point the data sink to a Data Lake Storage account.

STEP 6

Select **Azure Data Lake Storage** for the data sink, and **Parquet** as the format. Fill out the data sink properties similar to those shown at right.
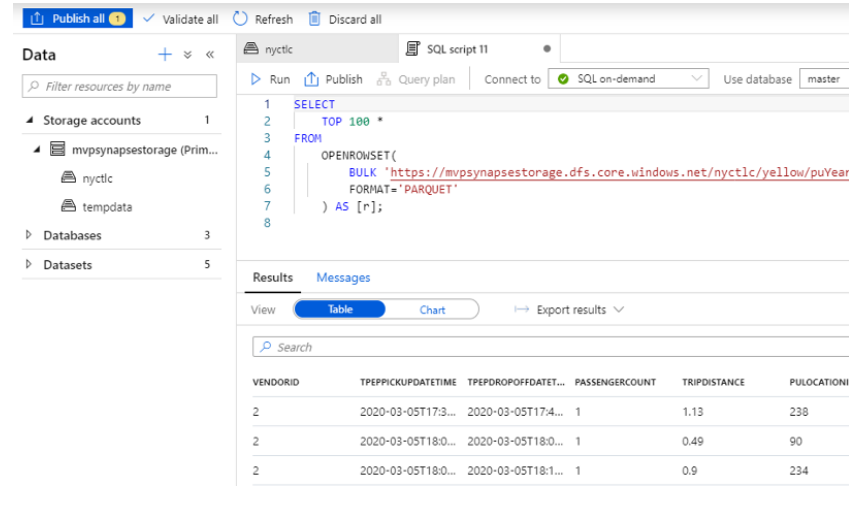

STEP 7

Publish and trigger the pipeline, then go to the Data hub, select the container, and navigate to a Parquet file that has been imported from the Open Dataset. Right-click and select **New SQL script** to generate the SQL script.
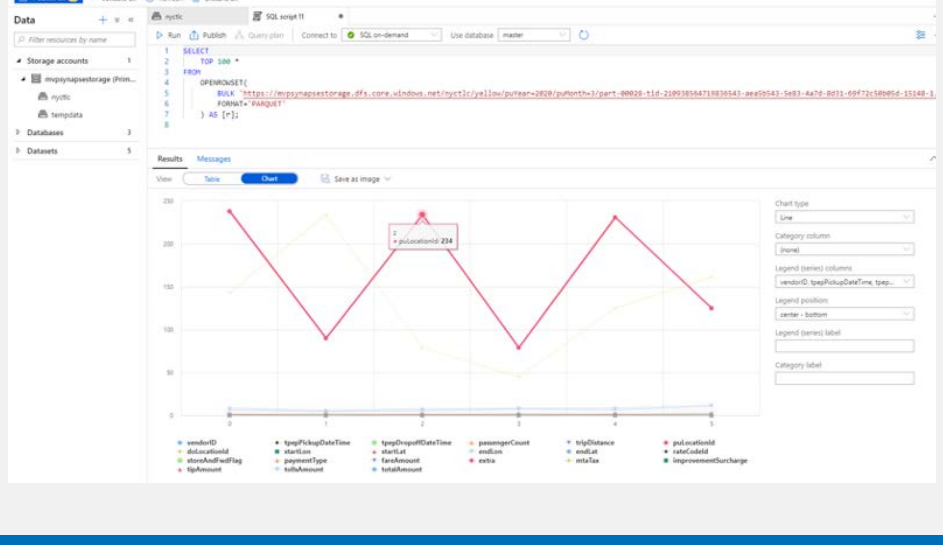

STEP 8

The SQL script is generated without typing any code. Click the **Run** button to run this script as a serverless query.

STEP 9

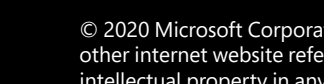Click the **Chart** button to view the results in graphical format.

With Azure Synapse Analytics it's easy to set up a linked service to point to source data, set up a pipeline to copy the source data into a Data Lake Storage account, and start analyzing the data—all without writing a single line of code.

→ Sign up for an Azure free account

→ Get more details in a free technical e-book from Packt

→ Speak to a sales specialist for help with pricing, best practices, and implementing a proof of concept