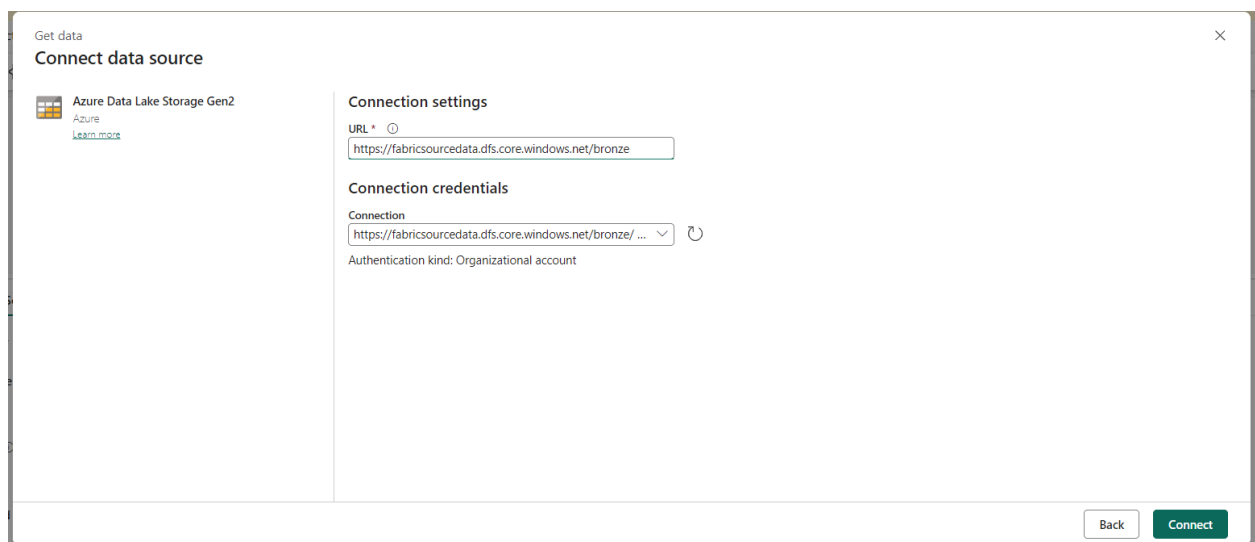
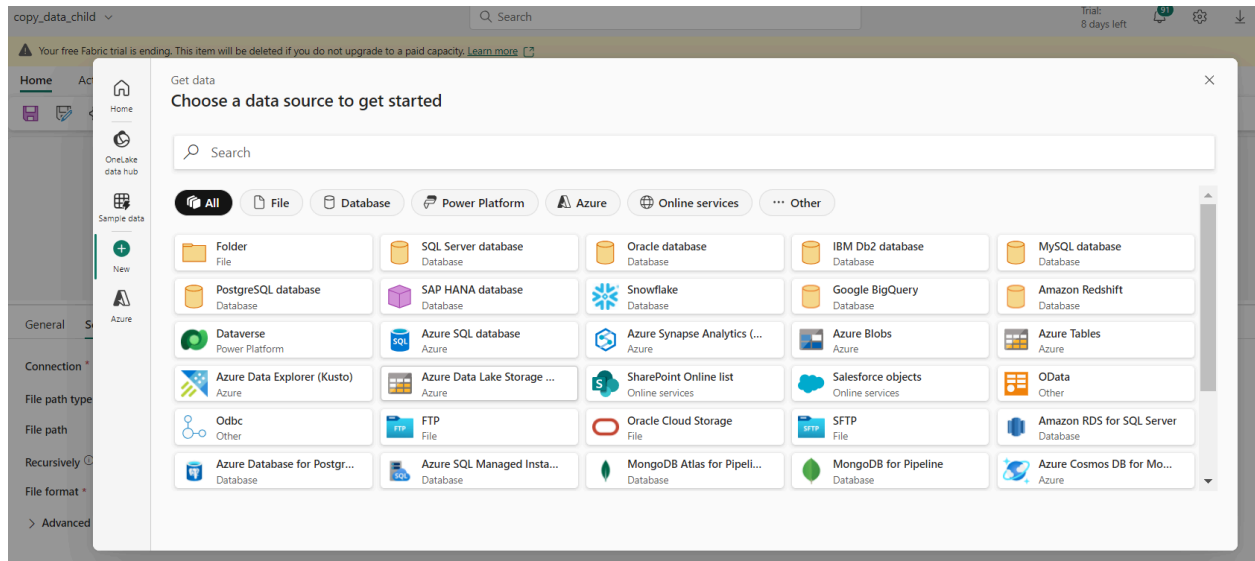
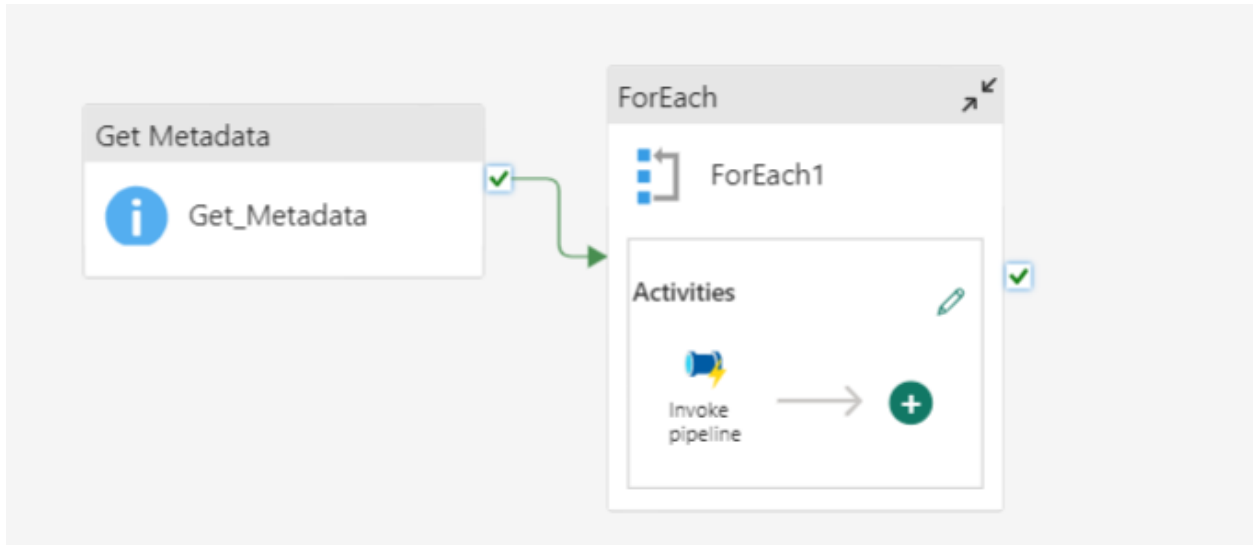


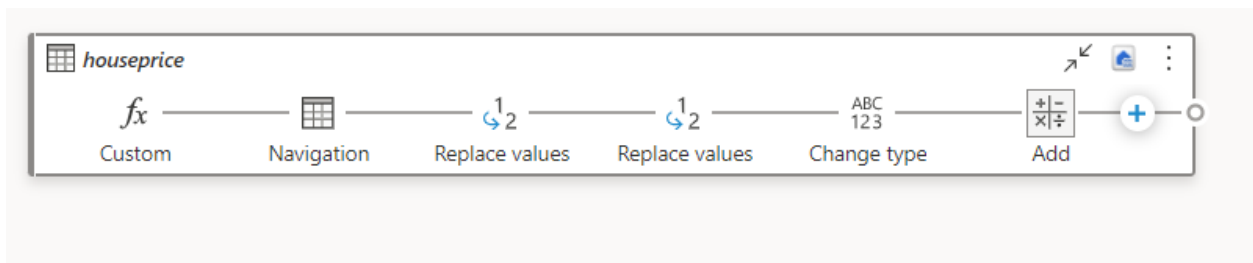
Data (Azure Data Lake storage Gen2) → Pipeline → Lakehouse → PowerBI

- Create an activity to get metadata of a list of files from a data source (from Azure Data Lake storage account) copy data and save it in Fabric Lakehouse in parquet format





- Add dataflow gen 2 and perform transformation on the data table saved in lakehouse by pipeline.



The diagram shows a workflow with three main components: 'Get Metadata', 'ForEach', and 'Dataflow'. 'Get Metadata' is connected to 'ForEach'. 'ForEach' contains an 'Invoke pipeline' activity. The output of 'ForEach' is connected to a 'Dataflow' activity. All components have green checkmarks indicating successful execution.

Activity name	Activity status	Run start	Duration	Input	Output
Get_Metadata	✓ Succeeded	9/12/2024, 4:20:04 AM	13s	-D	-D
ForEach1	✓ Succeeded	9/12/2024, 4:20:18 AM	30s	-D	-D
Invoke pipeline	✓ Succeeded	9/12/2024, 4:20:19 AM	28s	-D	-D
Invoke pipeline	✓ Succeeded	9/12/2024, 4:20:19 AM	27s	-D	-D
Dataflow	✓ Succeeded	9/12/2024, 4:20:49 AM	1m 0s	-D	-D

- Create a view from that table

SQL query 1

```
1 CREATE VIEW houseprice_view AS
2 SELECT * FROM houseprice_processed;
3
```

Messages

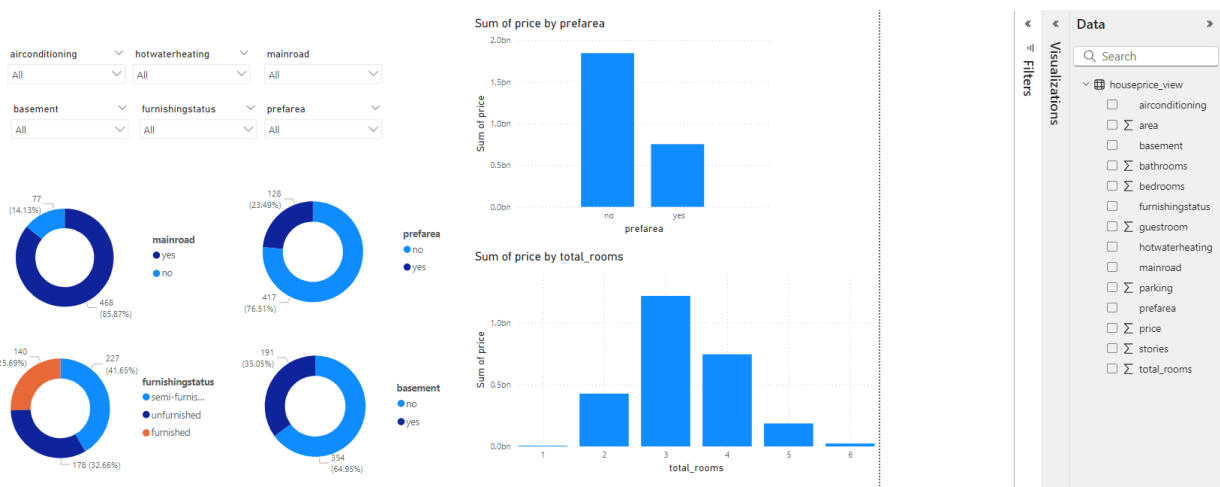
4:52:11 AM Started running query at line 1
4:52:14 AM SQL run time: 00:00:00.010 | Total run time: 00:00:03.056

Explorer

- Warehouses
- testlakehouse
 - Schemas
 - dbo
 - Tables
 - houseprice
 - houseprice_...
 - Weather
 - Views
 - houseprice_...

More options

- Load the view in PowerBI and visualize the data.



- Add alert to visual

The screenshot displays the Microsoft Power BI interface. On the left, a dashboard contains several visualizations: a bar chart titled 'Sum of price by prefarea', a donut chart titled 'prefarea', and a table titled 'Sum of price by total_rooms'. The main area shows a 'Set alert' configuration panel for the 'houseprice_view' dataset. The panel is divided into sections: 'Monitor' (Visual: donutChart 3), 'Condition' (Measure: Count of prefarea, Operator: Becomes greater than, Value: 500), and 'Action' (Type: Email, Teams message). Below the dashboard, the 'Objects' pane shows a list of triggers, including 'Average Re...', 'Medicine p...', 'Package del...', 'Package hu...', and 'Packaæe su...'. The 'Count of prefarea becomes greater than 500' trigger is selected, and its configuration is shown in the main area. The configuration includes a subject line, a headline, and an optional message.

Set alert configuration:

- Monitor:** Visual: donutChart 3
- Condition:** Measure: Count of prefarea, Operator: Becomes greater than, Value: 500
- Action:** Type: Email, Teams message

Trigger configuration:

- Subject:** prefarea x: Count of prefarea becomes greater than 500
- Headline:** prefarea x: Count of prefarea becomes greater than 500
- Optional message:** The trigger condition has been met for the Power BI report. Need Action!