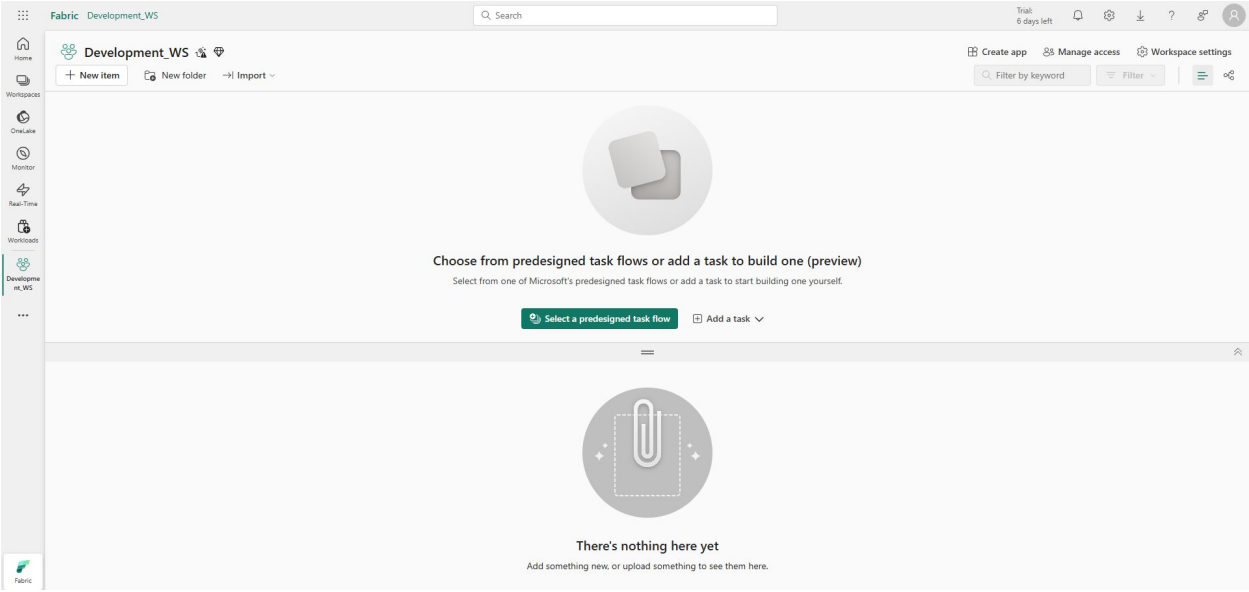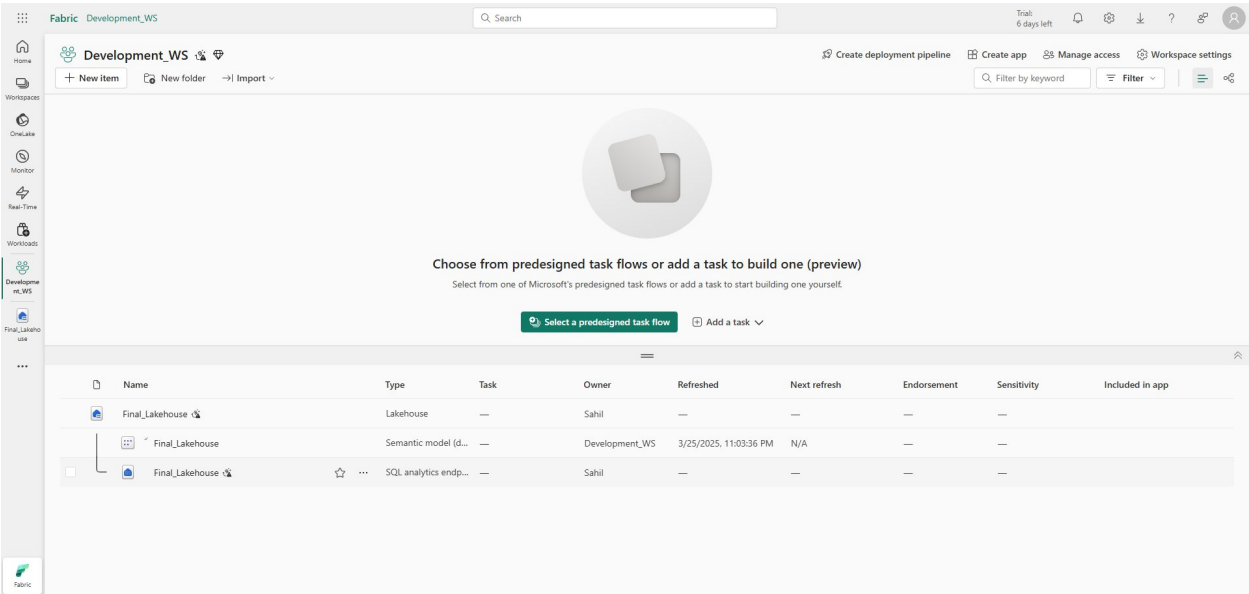# Project-2   Analytics Engineering

1. Created a dev workspace

2. Created a final Lakehouse

3. Uploading factorders to snowflake
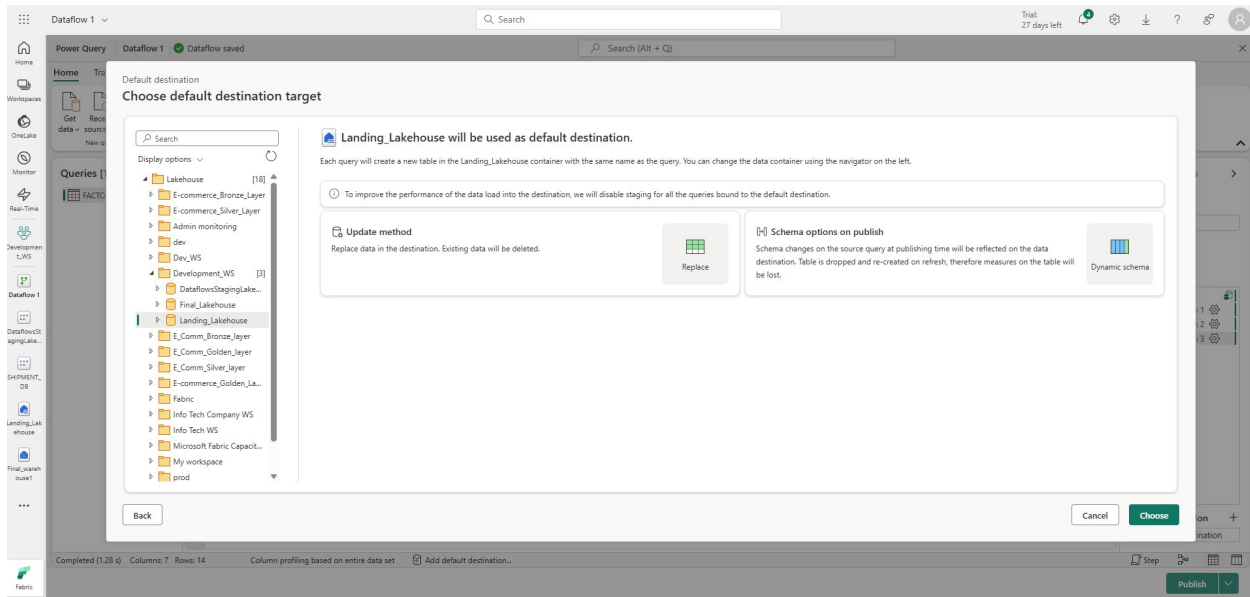

4. Get data from Snowflake into fabric Lakehouse

5. Data from snowflake to fabric Lakehouse
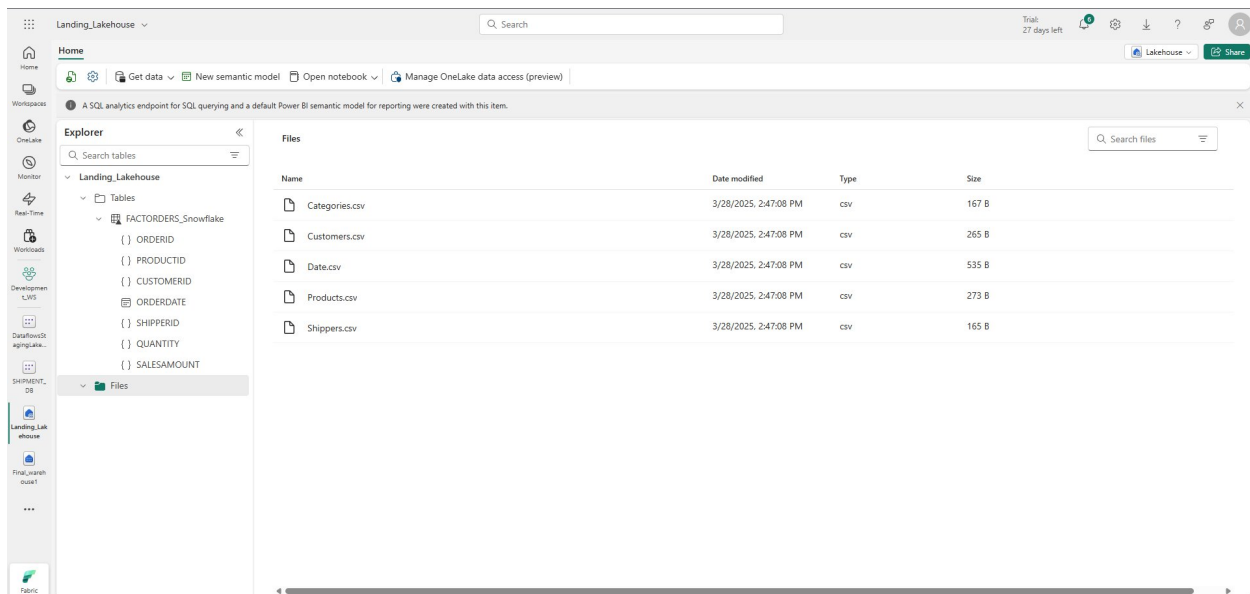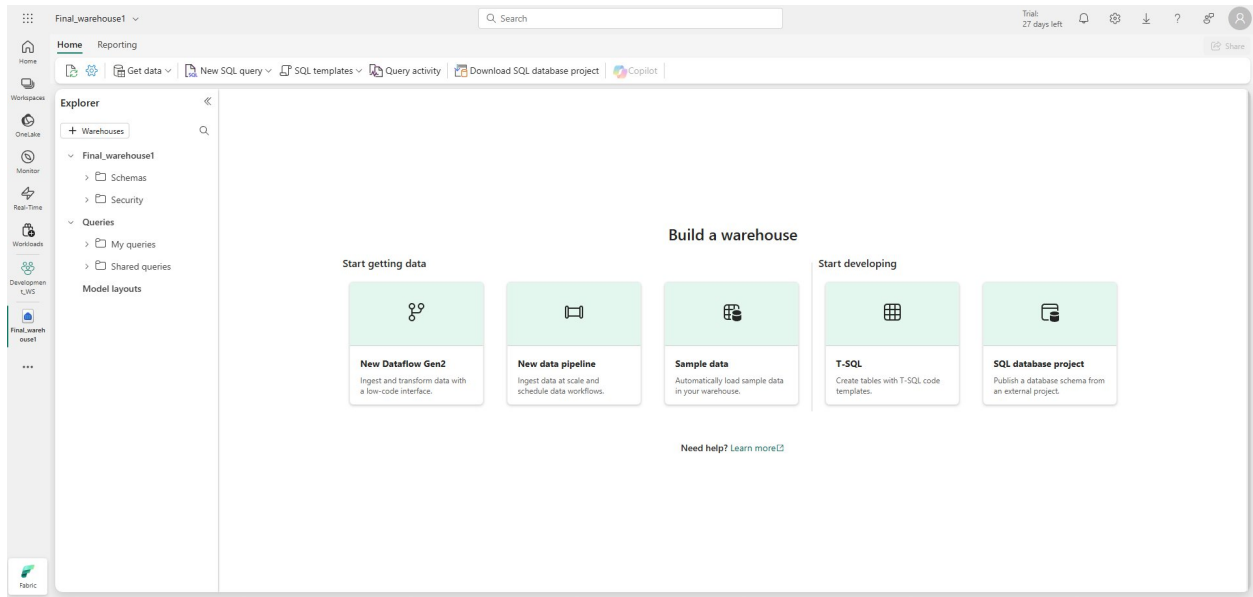
6. Landing Lakehouse to get the data here

7. Land fact orders table to final warehouse into table

Copy data into Data warehouse

- ✓ Choose data source
- ✓ Connect to data source
- ● Connect to data destination
  Select and map to table.
- ○ Review + save

Connect to data destination

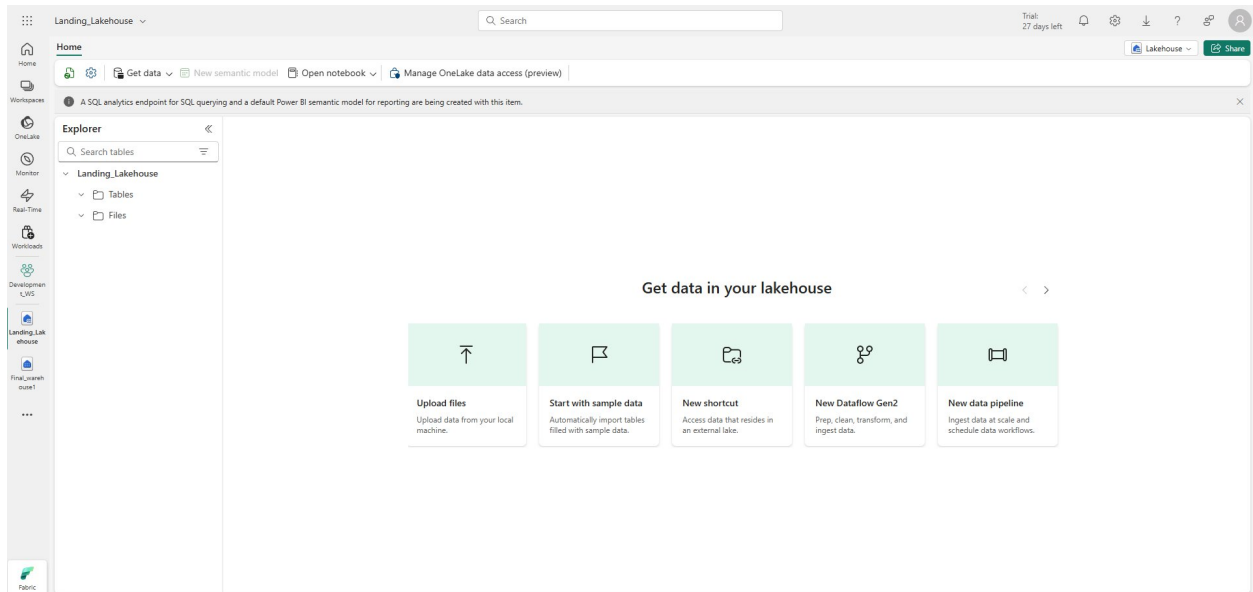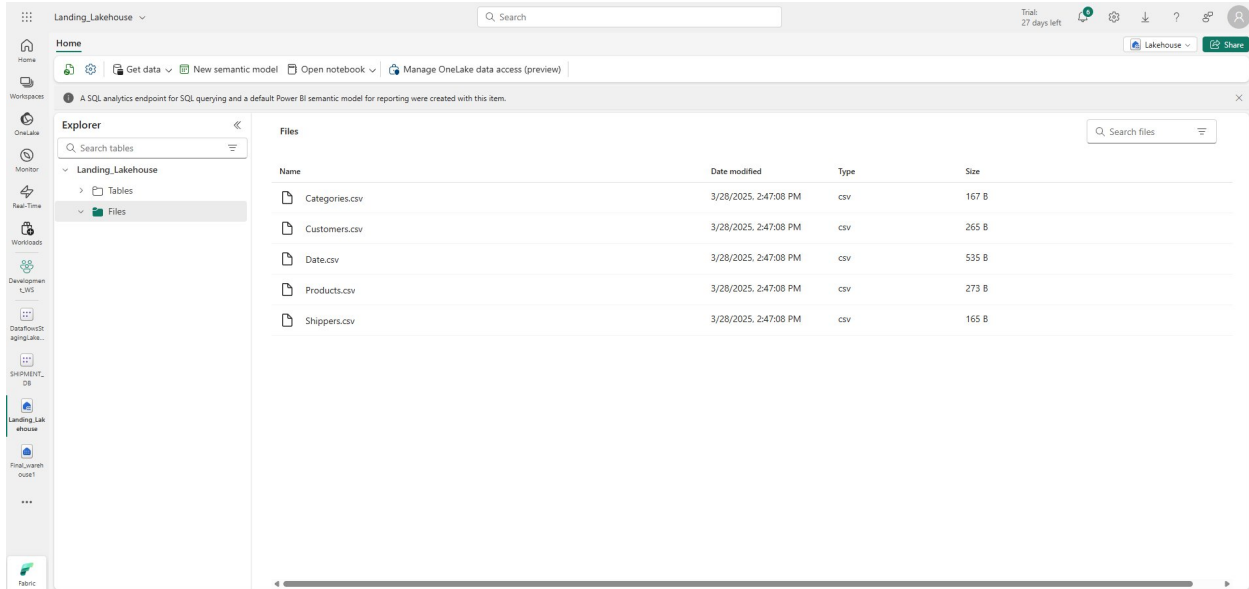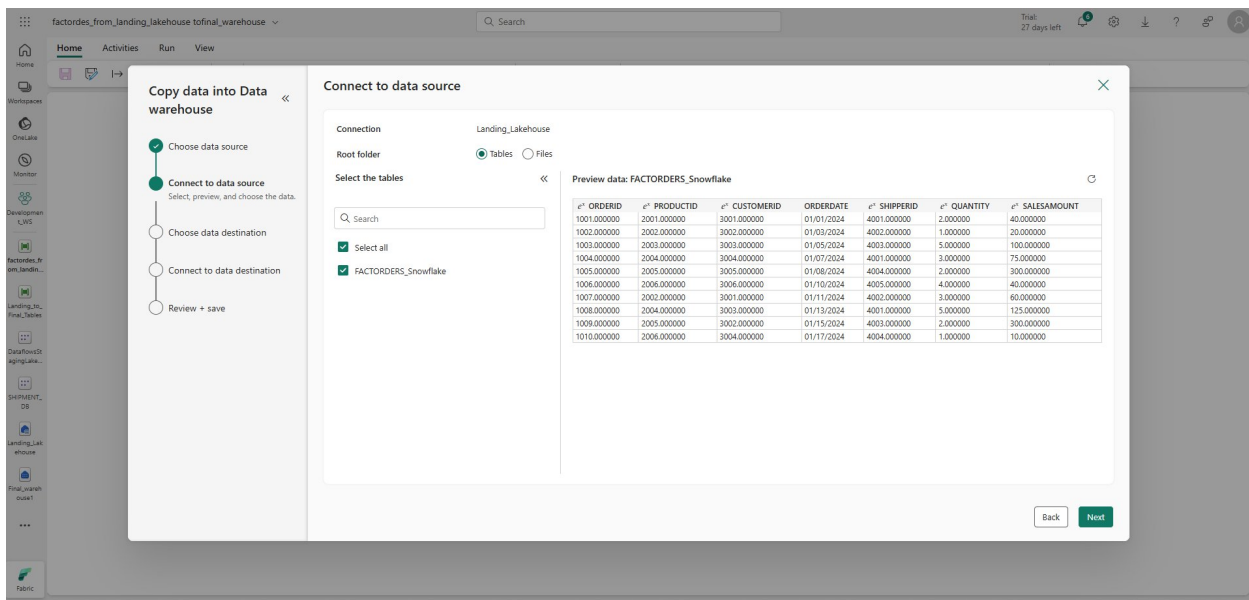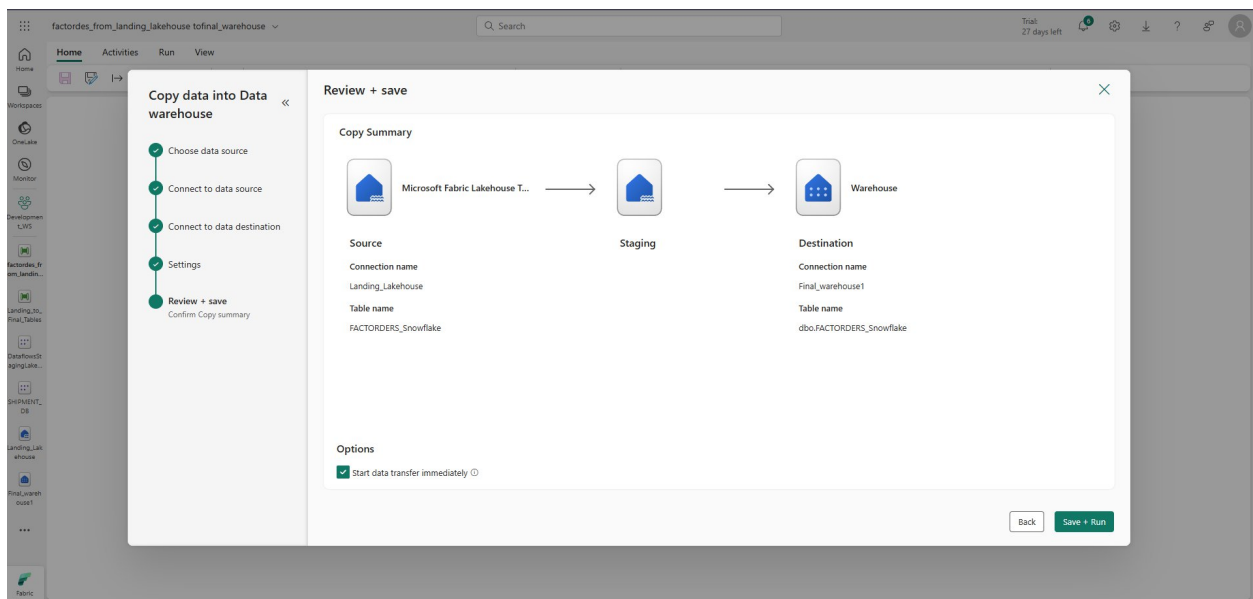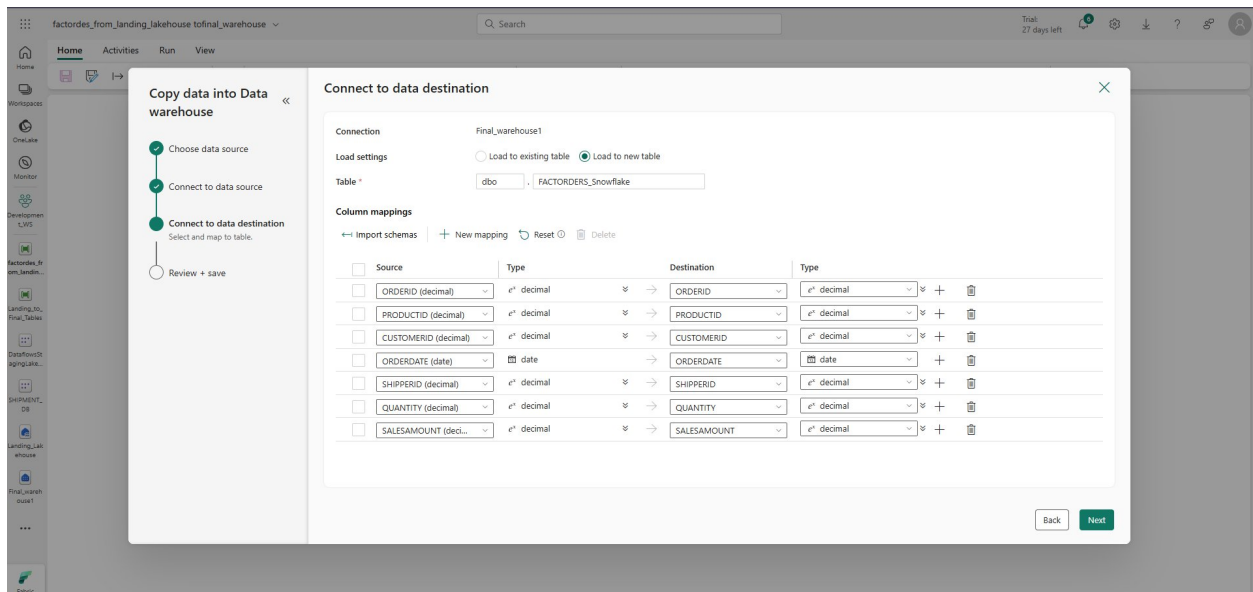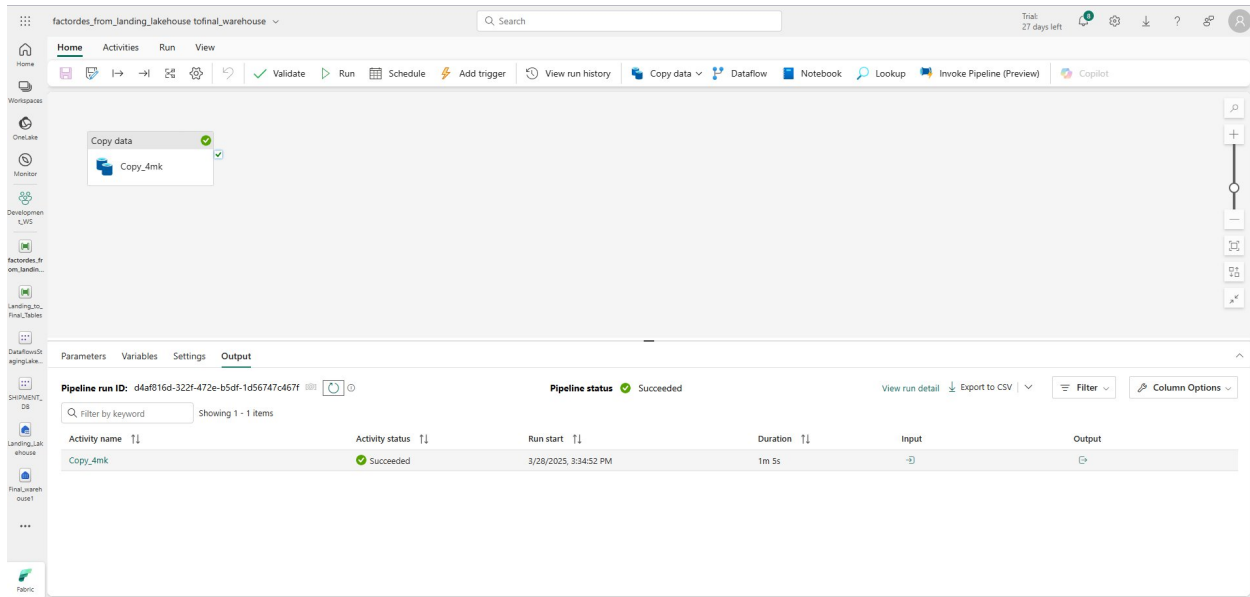| Connection | Final_warehouse1 |
| Load settings | ○ Load to existing table ● Load to new table |
| Table * | dbo . FACTORDERS_Snowflake |

Column mappings

← Import schemas   + New mapping   ↻ Reset ⓘ   🗑 Delete

	Source	Type			Destination	Type			
☐	ORDERID (decimal)	decimal	⌄	→	ORDERID	decimal	⌄	+	🗑
☐	PRODUCTID (decimal)	decimal	⌄	→	PRODUCTID	decimal	⌄	+	🗑
☐	CUSTOMERID (decimal)	decimal	⌄	→	CUSTOMERID	decimal	⌄	+	🗑
☐	ORDERDATE (date)	date		→	ORDERDATE	date	⌄	+	🗑
☐	SHIPPERID (decimal)	decimal	⌄	→	SHIPPERID	decimal	⌄	+	🗑
☐	QUANTITY (decimal)	decimal	⌄	→	QUANTITY	decimal	⌄	+	🗑
☐	SALESAMOUNT (deci...)	decimal	⌄	→	SALESAMOUNT	decimal	⌄	+	🗑

Back   Next

Copy data into Data warehouse

- ✓ Choose data source
- ✓ Connect to data source
- ✓ Connect to data destination
- ✓ Settings
- ● Review + save
  Confirm Copy summary

Review + save

Copy Summary

Microsoft Fabric Lakehouse T... → Staging → Warehouse

Source

Connection name
Landing_Lakehouse

Table name
FACTORDERS_Snowflake

Destination

Connection name
Final_warehouse1

Table name
dbo.FACTORDERS_Snowflake

Options

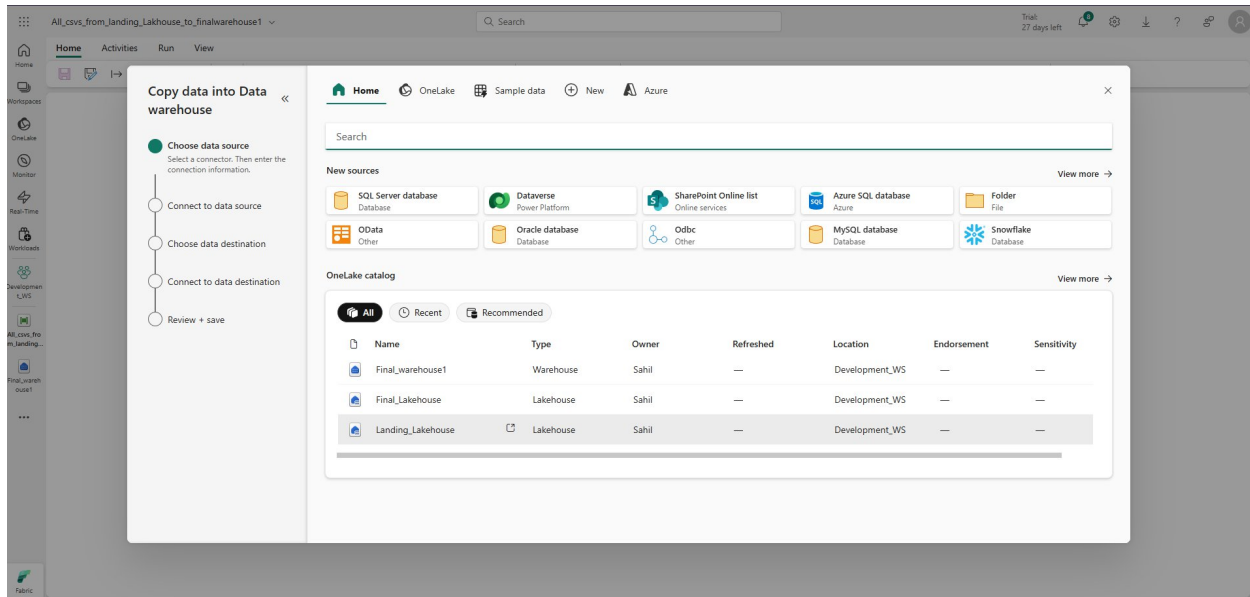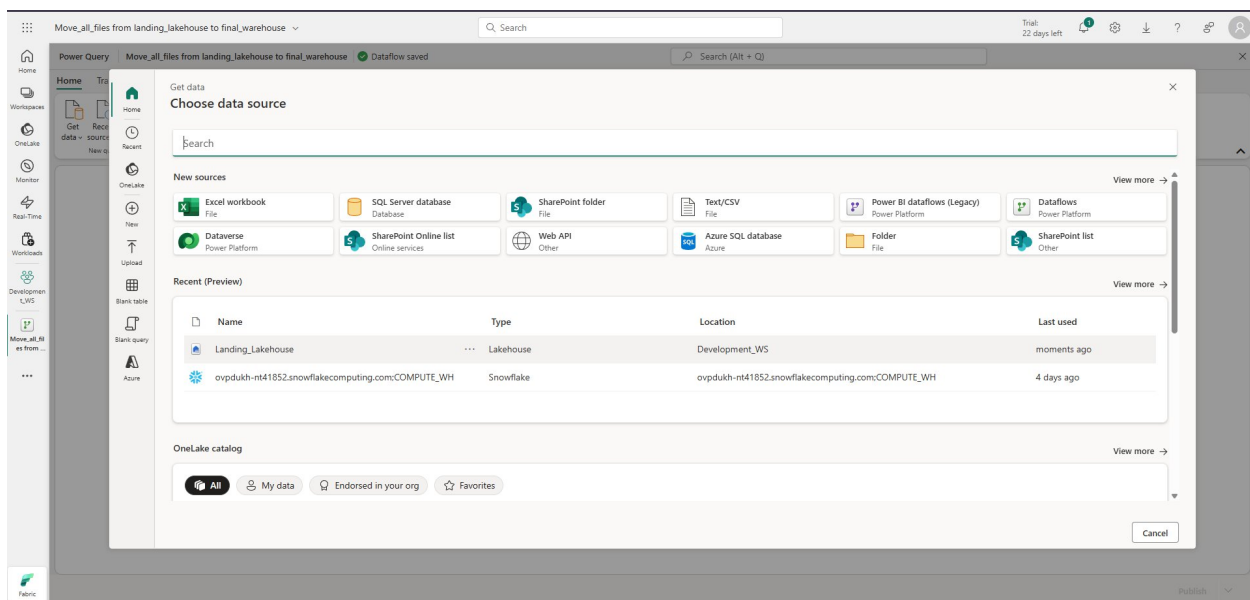☑ Start data transfer immediately ⓘ

Back   Save + Run

8. Now Factorder table is present in final warehouse
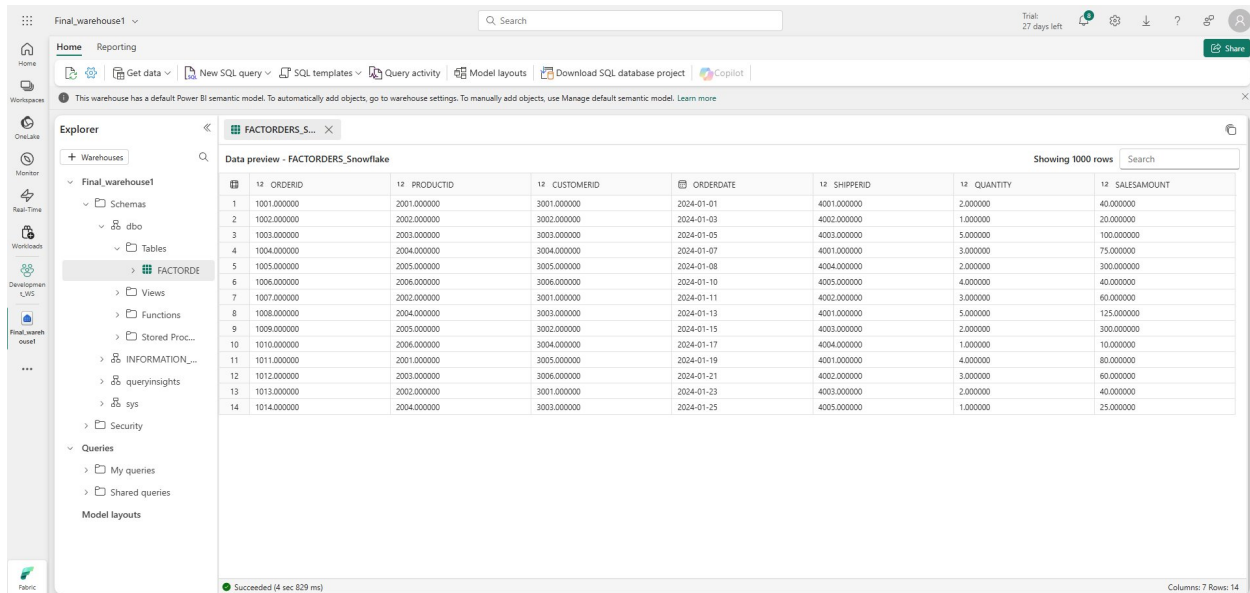
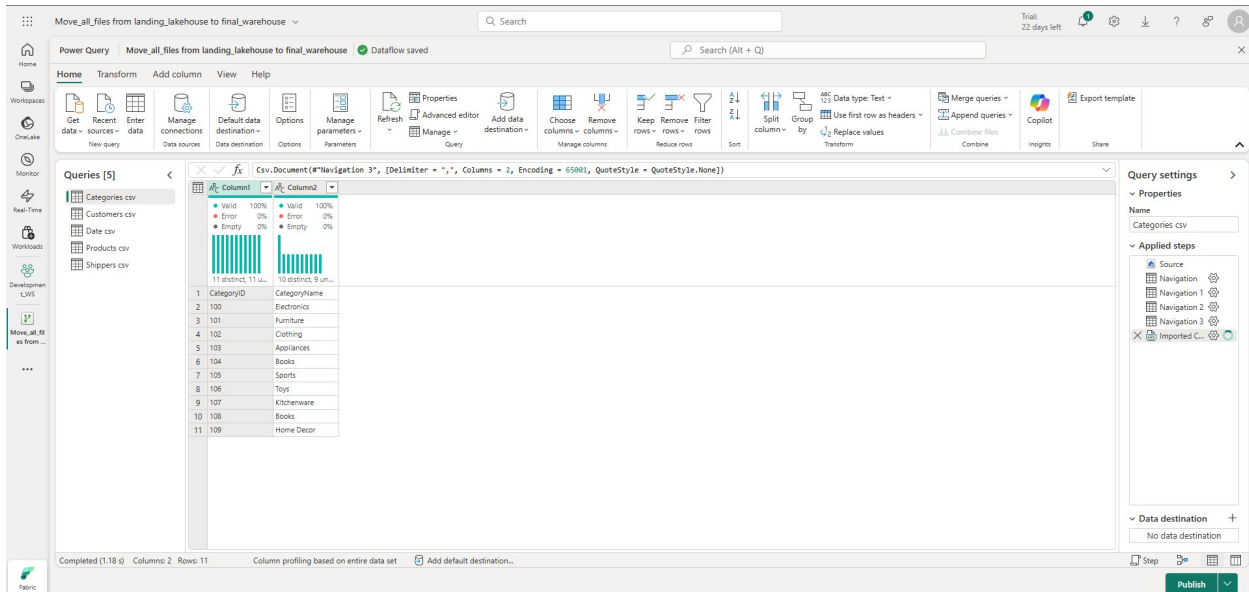**9. Now for all the csv's send from landing Lakehouse to final_warehouse1**
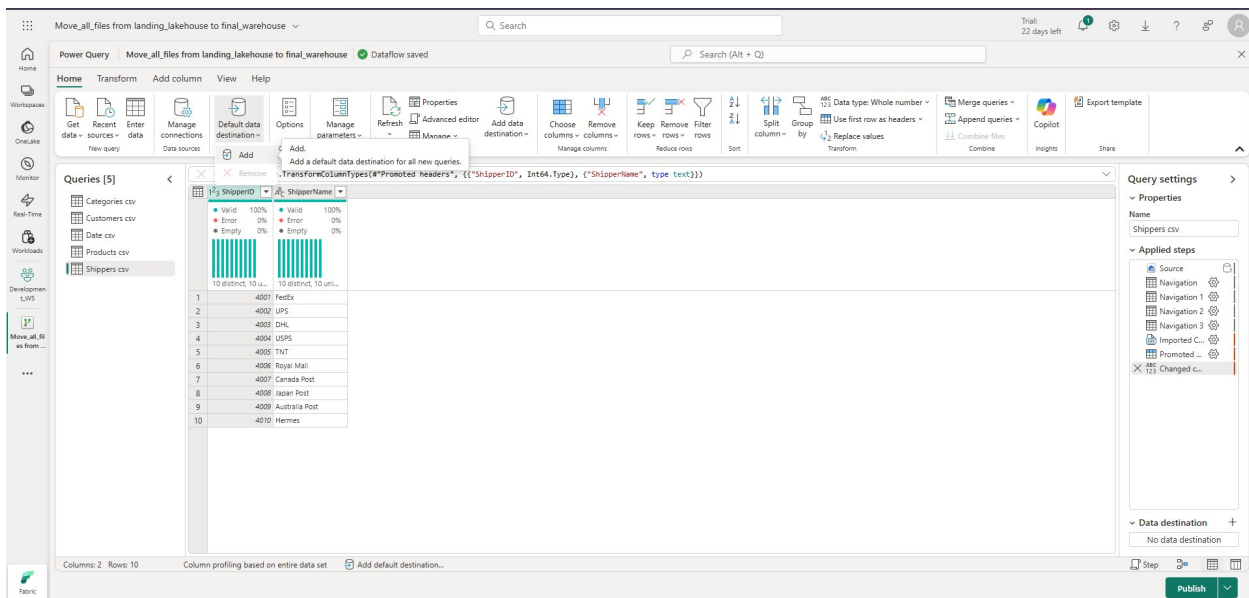
10. Data source choose
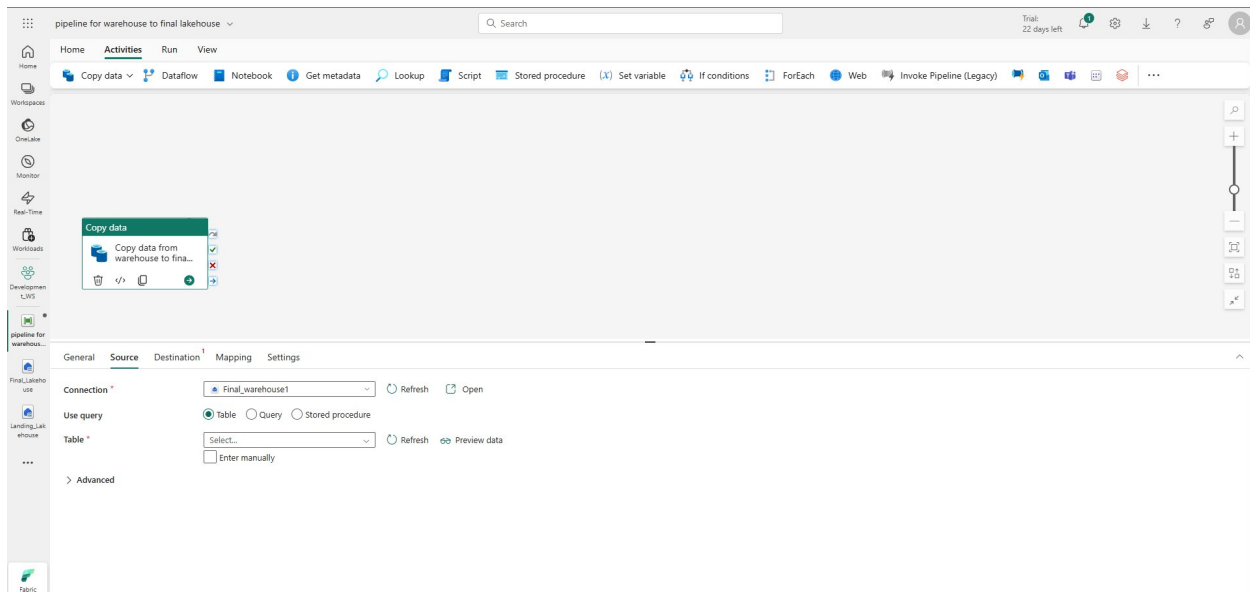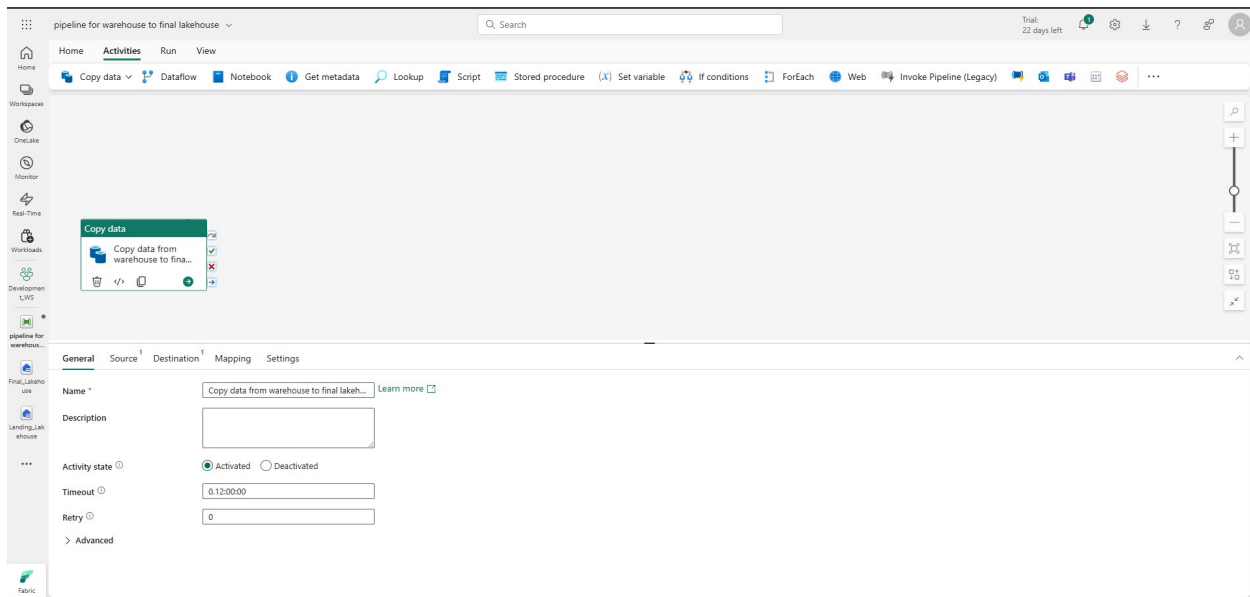

11. All files are now present in our dataflow

12. Add destination for final Lakehouse

13. From final warehouse to final Lakehouse

14. Pipeline completed

15. Now all files are present in final Lakehouse

SQL analytics endpoint is for those where end users are exposed and can write queries

DML operations are not supported here, it's just to read your data you don't give Lakehouse access, just give the SQL analytics endpoint's access

16. Now creating the report

SUPPLY CHAIN ANALYSIS DASHBOARD

CustomerName	CustomerName	CustomerName	CustomerName
All	All	All	All

1275	38	10	10	10
Total Amount	Total Quantity	# Categories	# Products	# Customers

SUM OF SALES BY CATEGORY

SUM OF QUANTITY BY REGION

SUM OF QUANTITY BY CUSTOMERID

SUM OF QUANTITY BY REGION

Region
- West
- East
- North
- South

250 (19.61%)
520 (40.78%)
420 (32.94%)