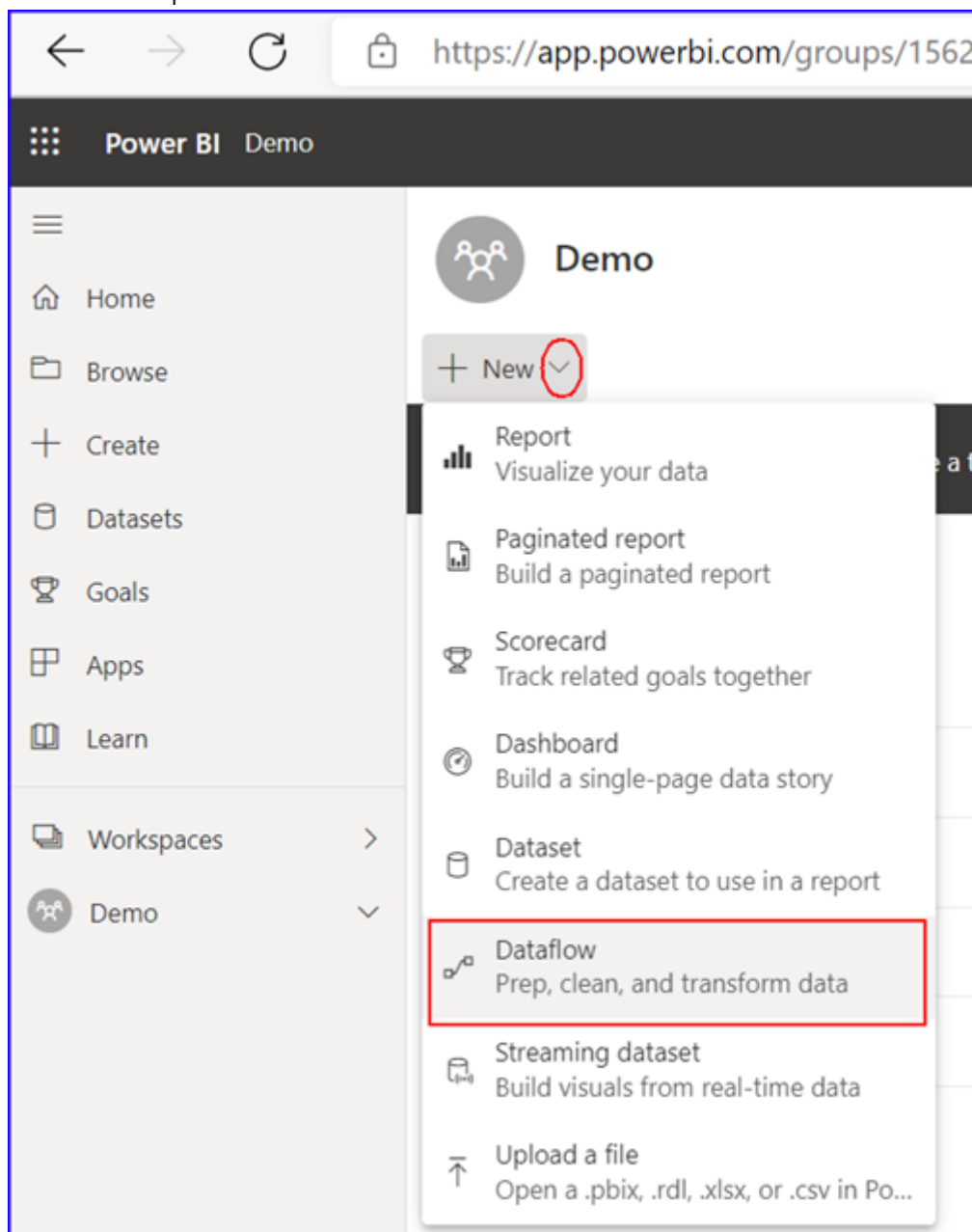# Lab 09- Creating and Using Dataflows

The estimated time to complete the lab is 45 minutes
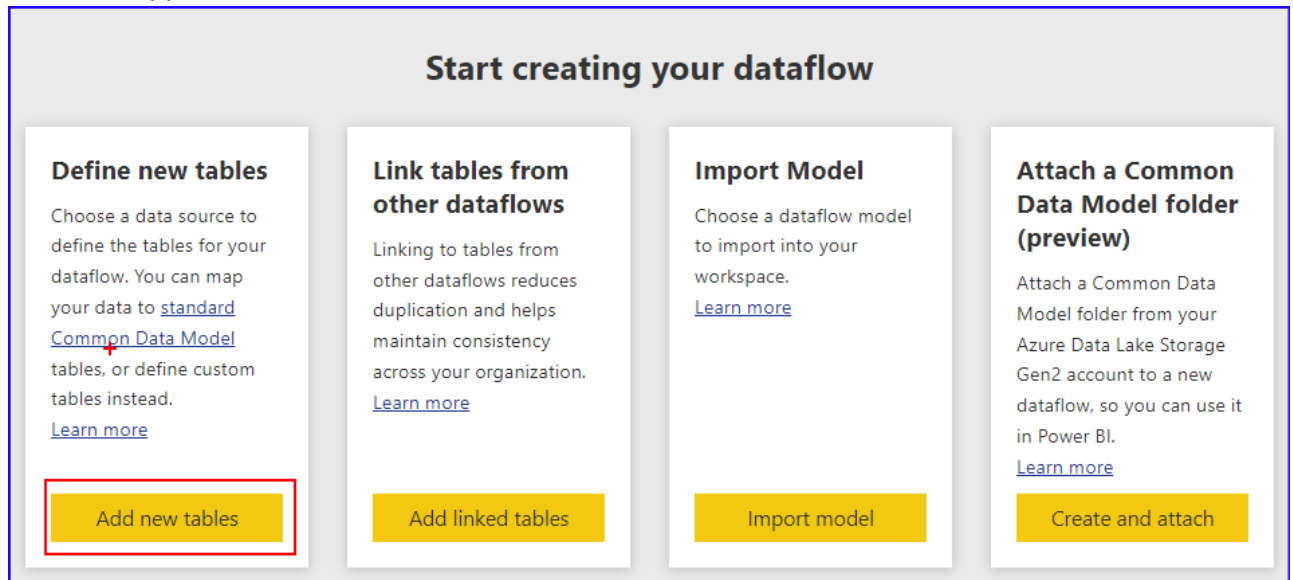
In this lab, you will

1. Create ane configure dataflow and
2. Create report (/s) where-in you will connect to this dataflow
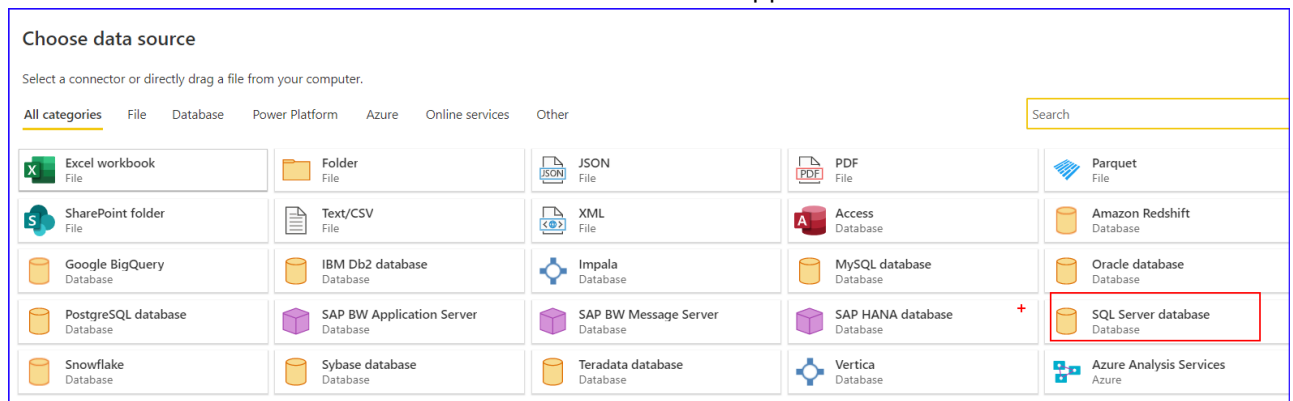
Task 1: Create Dataflow

1. Login to PowerBI.com

2. Select the workspace

3. Click on New |Dataflow

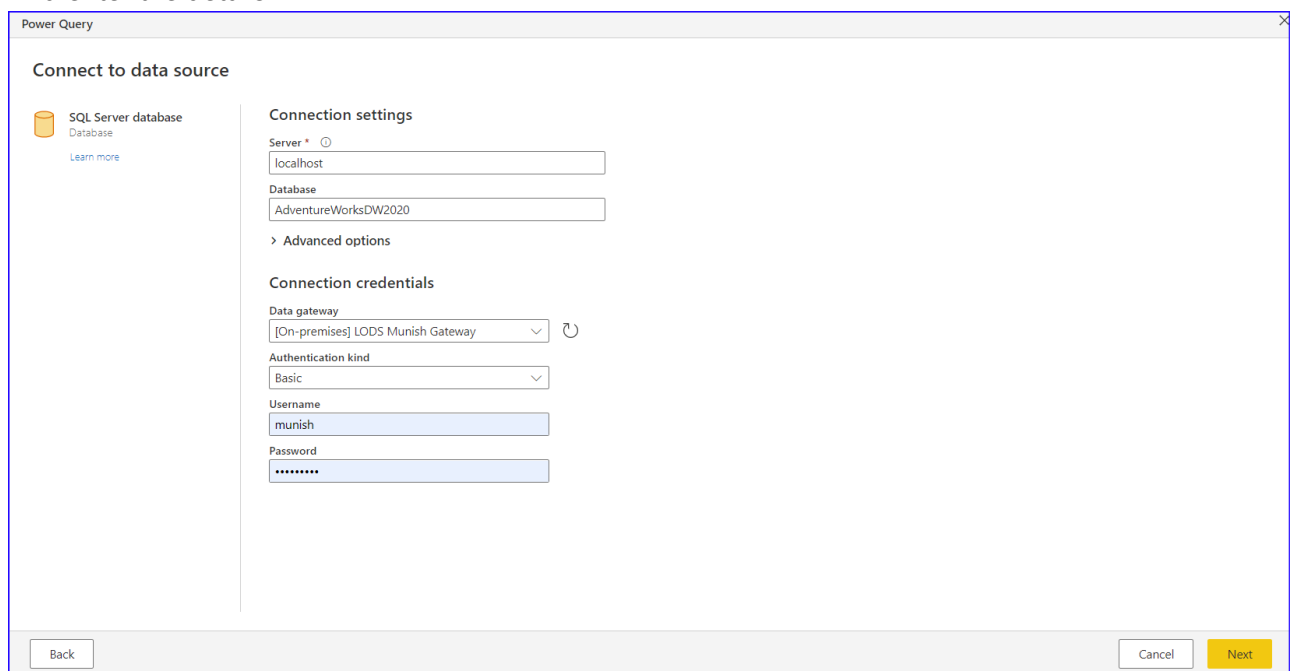and it will appear as follows

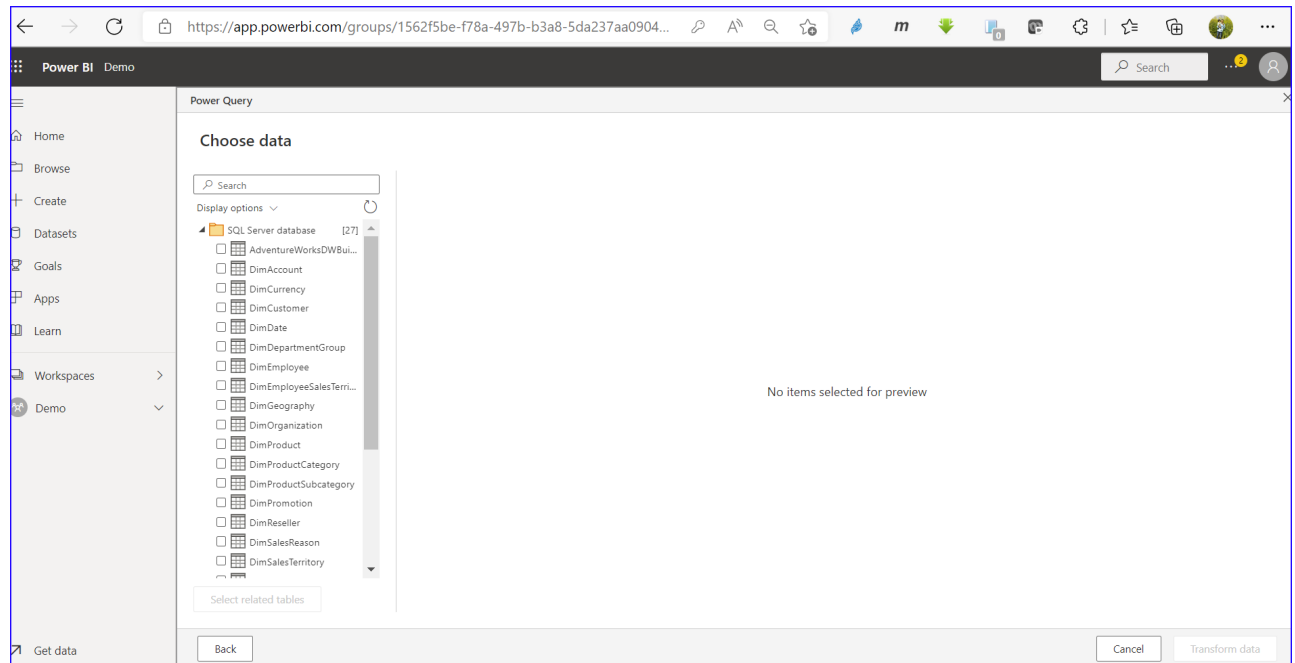4. Click on Add new tables from Define new tables, and it will appear as follows

Select SQL Server database

5. And enter the details
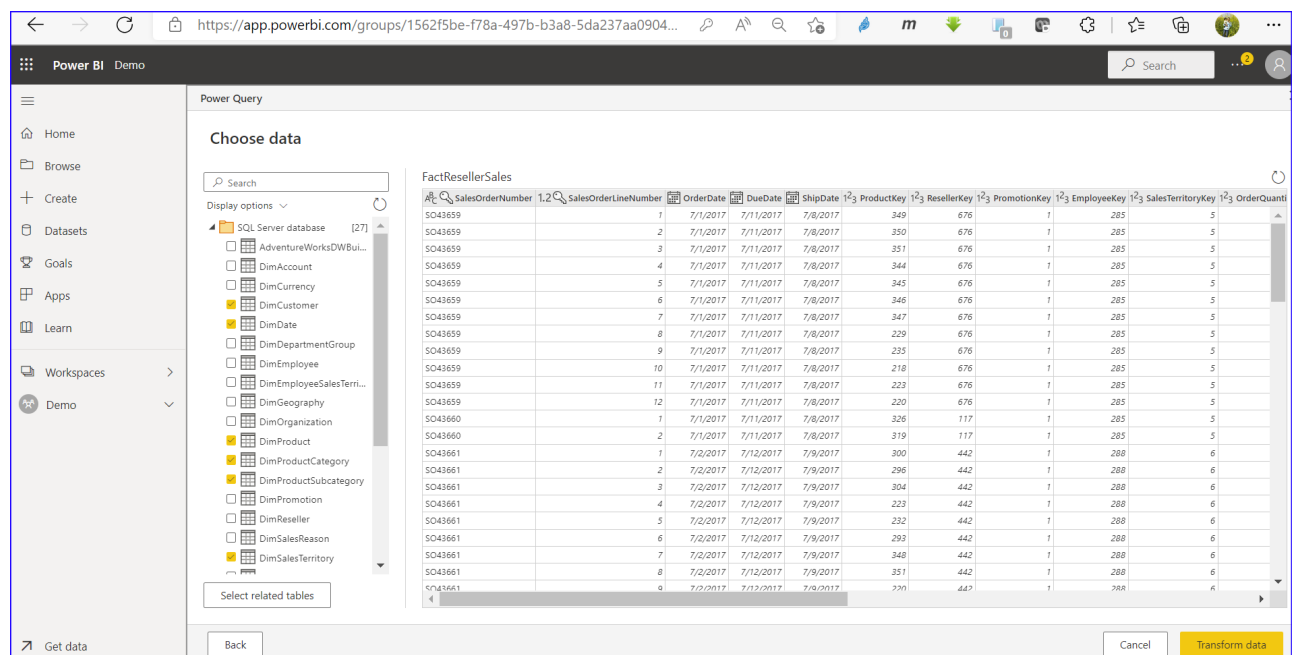

[Make sure that Gateway is up and runniing]

Click on Next button
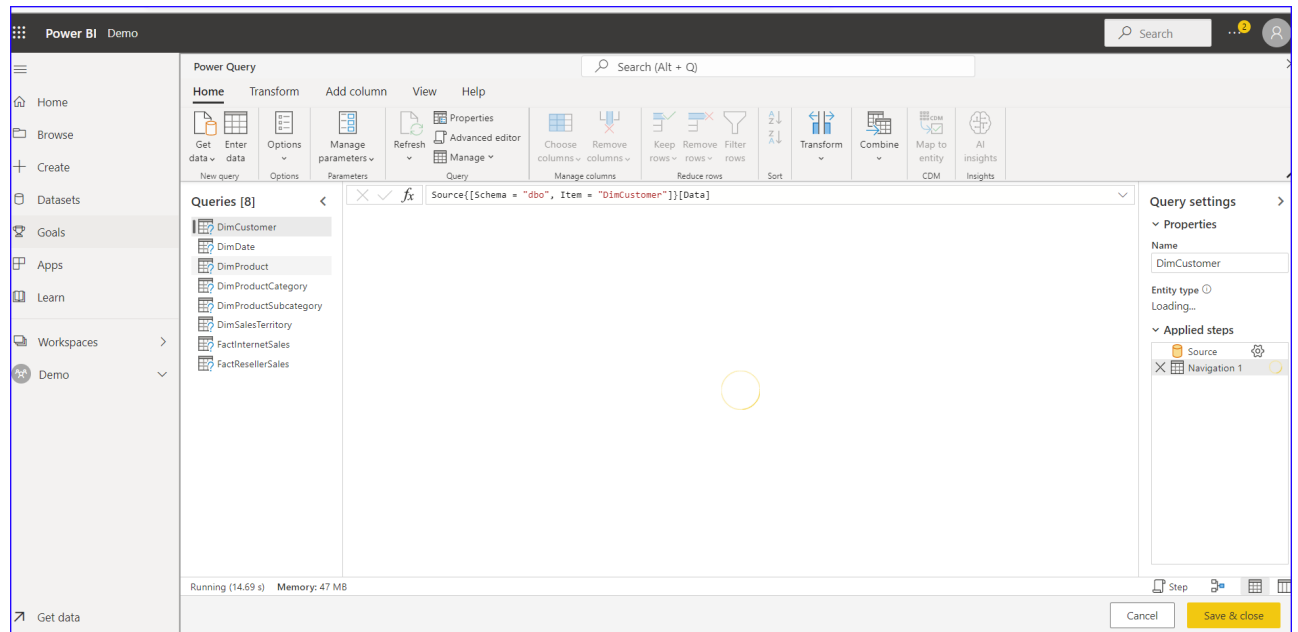

6. Select the tables,

DimCustomer, DimDate, DimProduct, DimProductCategory,DimProductSubCategory, FactInternetSales
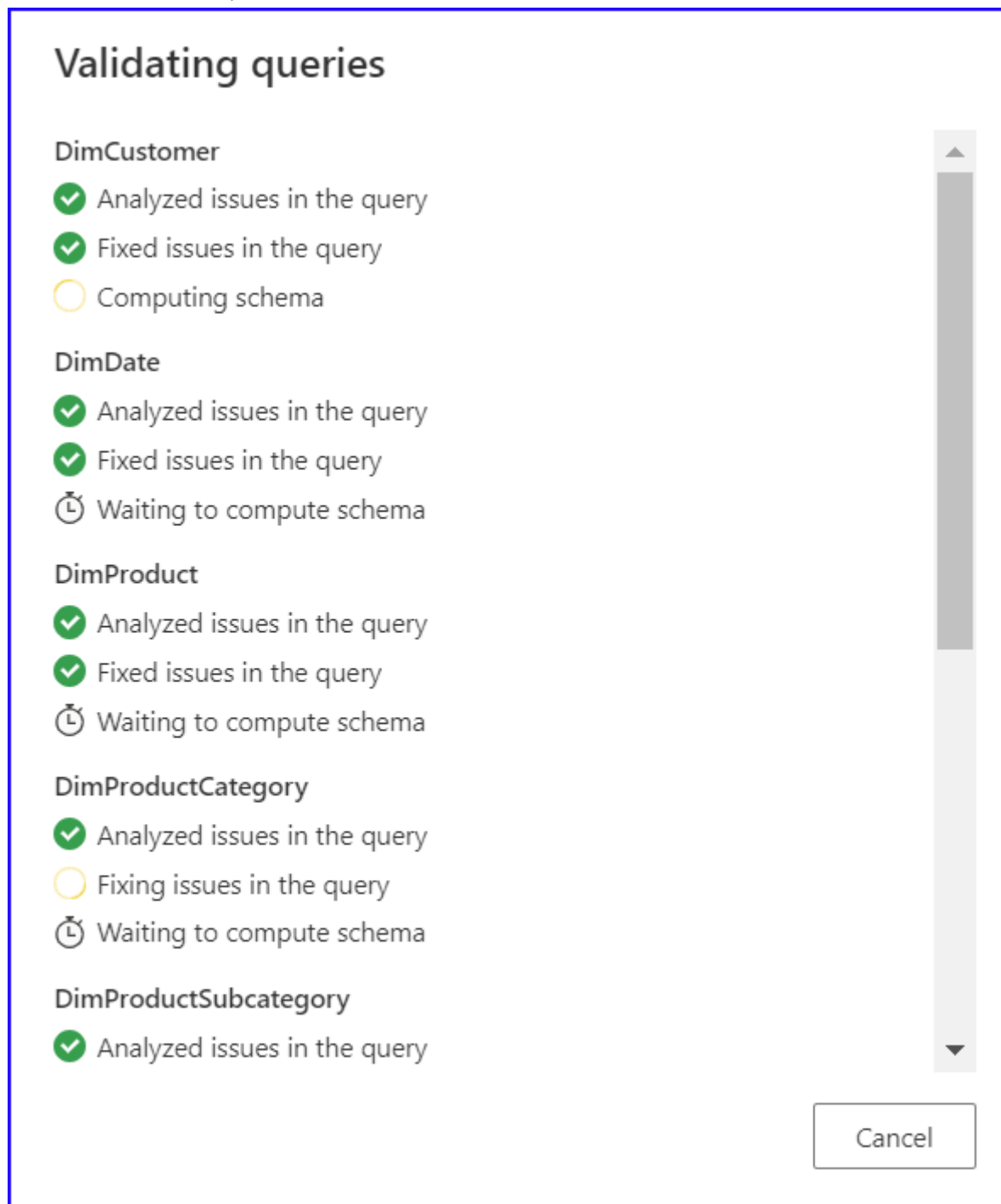and FactResellerSales

and it will show the screen as follows

7. Click on Transform Data, and it will show the screen as follows

Click on Save & close, and it will show the screen as follows

Validating queries

DimCustomer
- ✅ Analyzed issues in the query
- ✅ Fixed issues in the query
- ◯ Computing schema

DimDate
- ✅ Analyzed issues in the query
- ✅ Fixed issues in the query
- ⏱ Waiting to compute schema

DimProduct
- ✅ Analyzed issues in the query
- ✅ Fixed issues in the query
- ⏱ Waiting to compute schema

DimProductCategory
- ✅ Analyzed issues in the query
- ◯ Fixing issues in the query
- ⏱ Waiting to compute schema

DimProductSubcategory
- ✅ Analyzed issues in the query

Cancel

And thereafter will show the screen to save the dataflow as follows

Give it a name 'AdventureWorks-Dataflow', and click on Save button and it will show the screen as follows
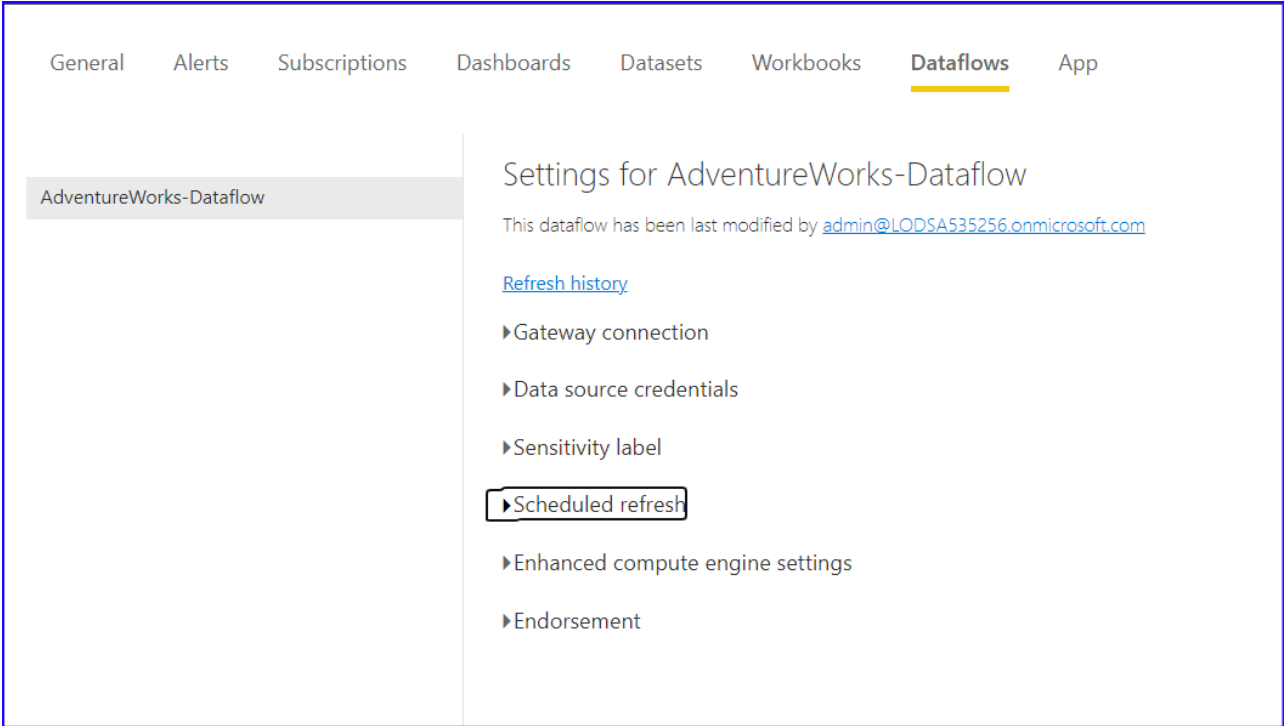

10. Click on Workspace, and then click on Datasets + Dataflows, and newly create dataflow will be available as

follows
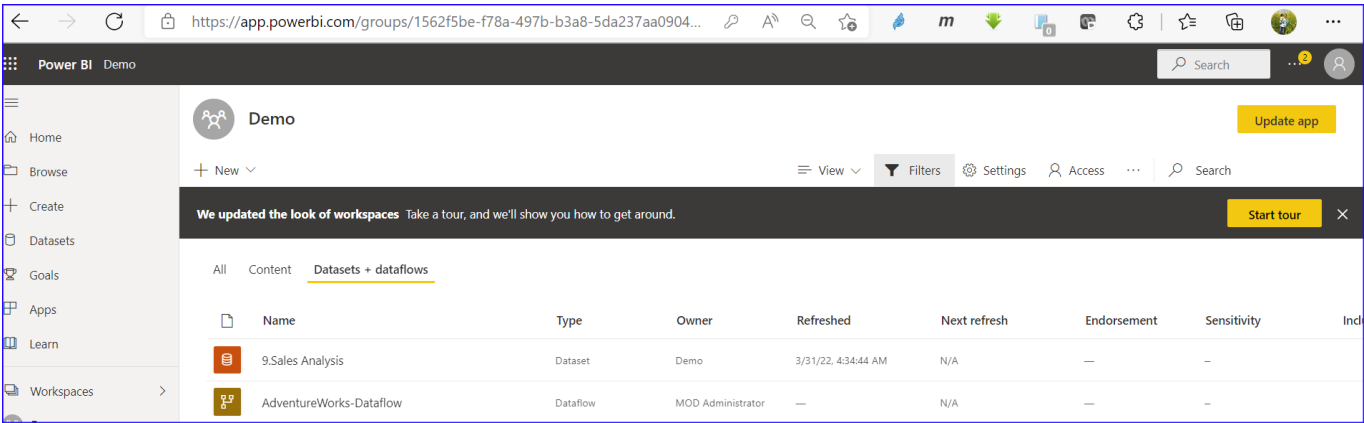
11. Click on | Settings , next to dataflow, and it will show the screen as follows

12. Click on Scheduled Refresh, and we can set the frequency as to when it should be refreshed
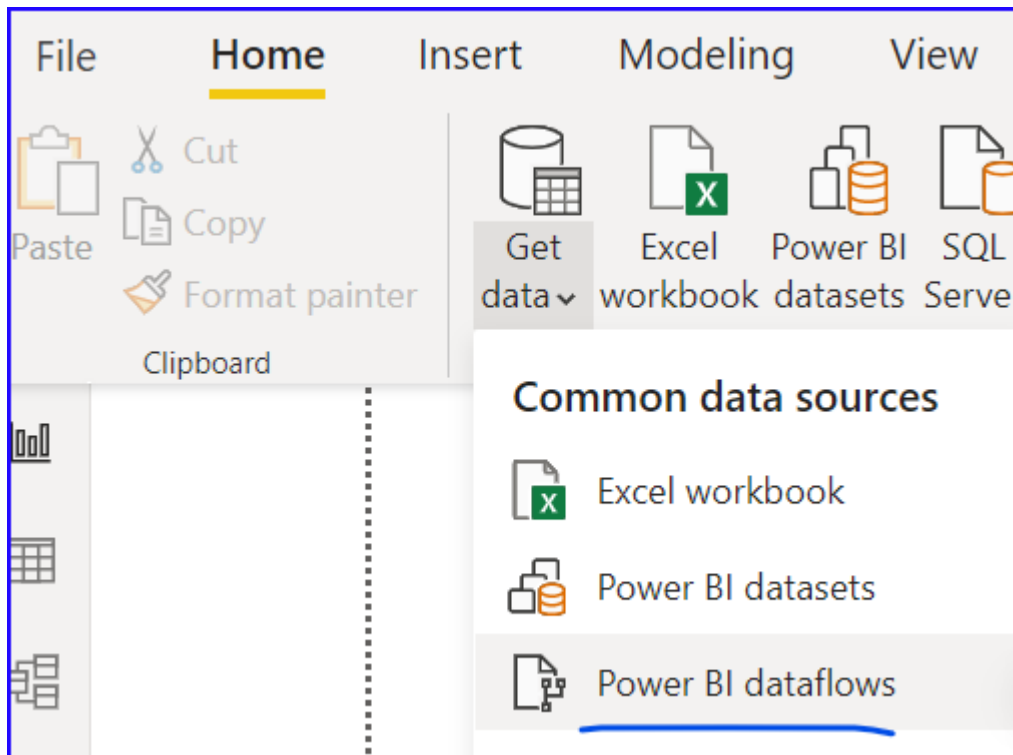

Task 2: Use Dataflow

2 Power BI Desktop

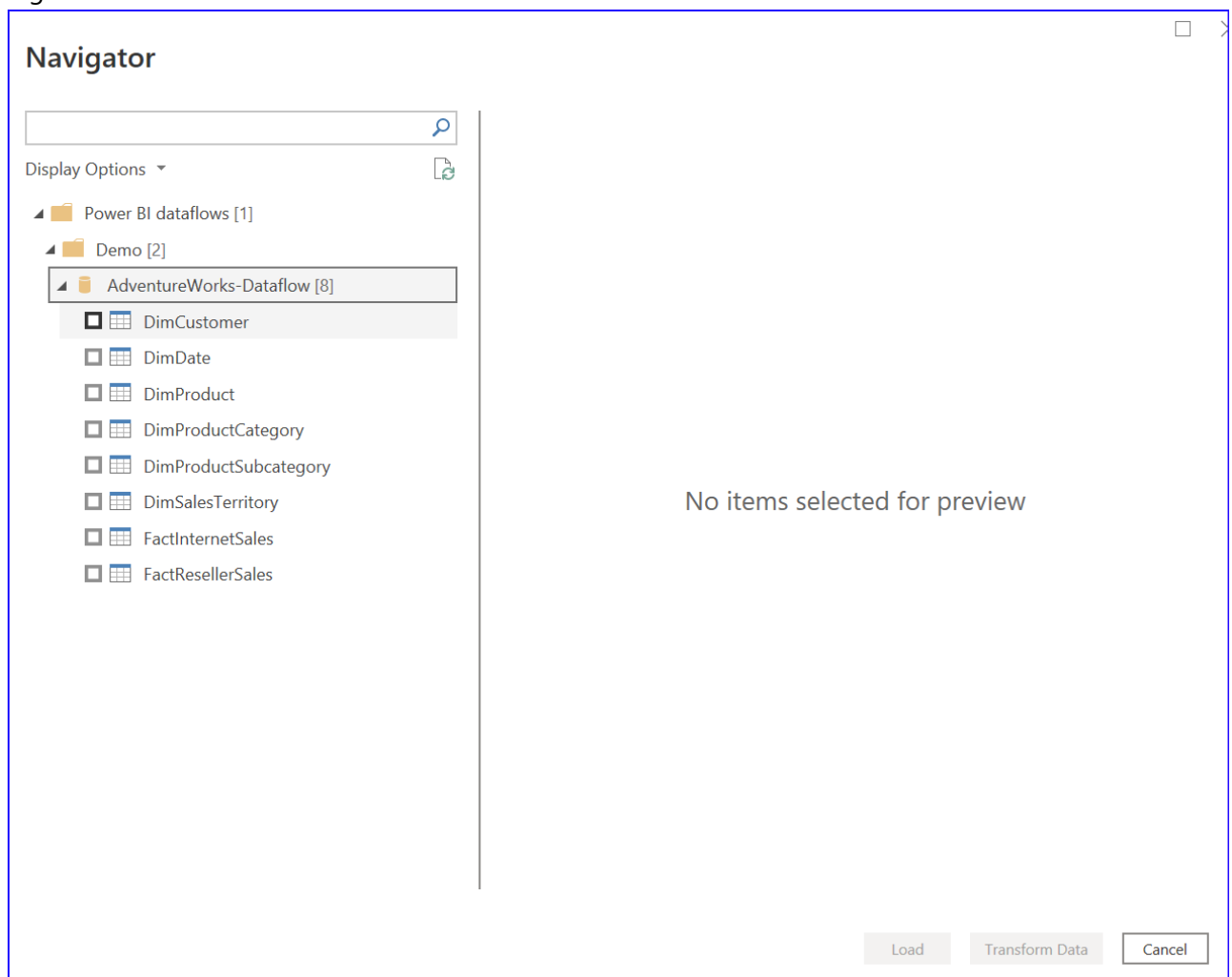1. Open Power BI Desktop, and save the solution as 'Sales Analysis Using Dataflow'

2.1 Utilize Existing Dataflow

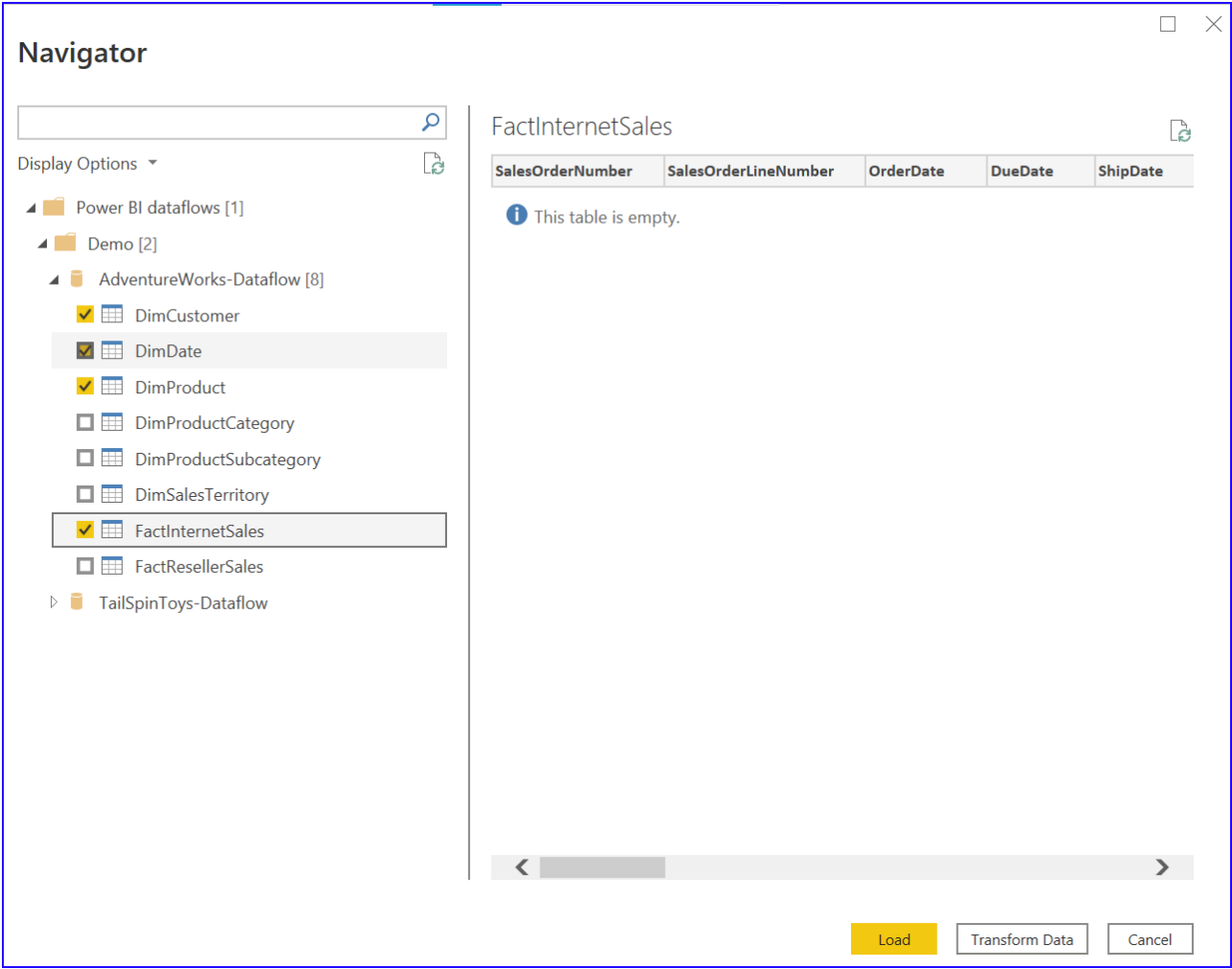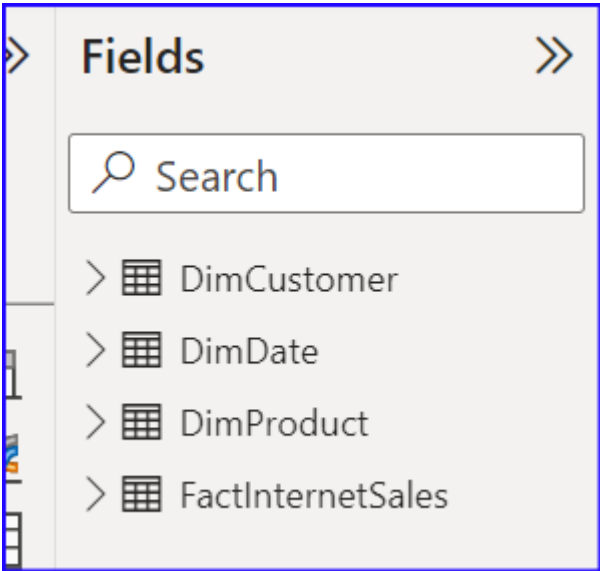2. Click on Get Data | Power BI dataflows, and it will show the screen as follows

3. Sign-in with the credentials and it will show the screen as follows

4. Select the required tables

5. Click on 'Load Data' and tables will be loaded

6. Create the report and publish it