

# Lab 09- Creating and Using Dataflows

---

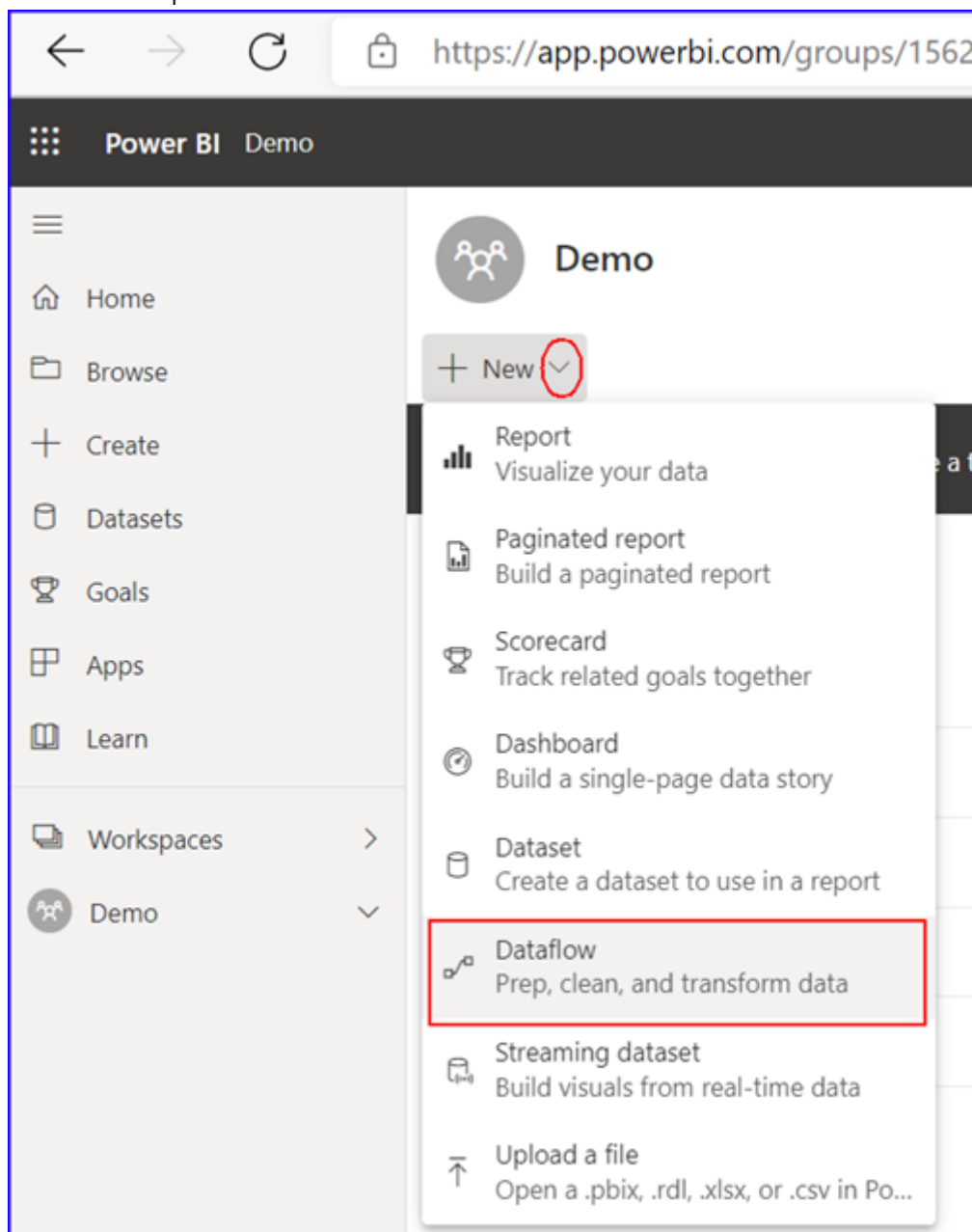
**The estimated time to complete the lab is 45 minutes**

In this lab, you will

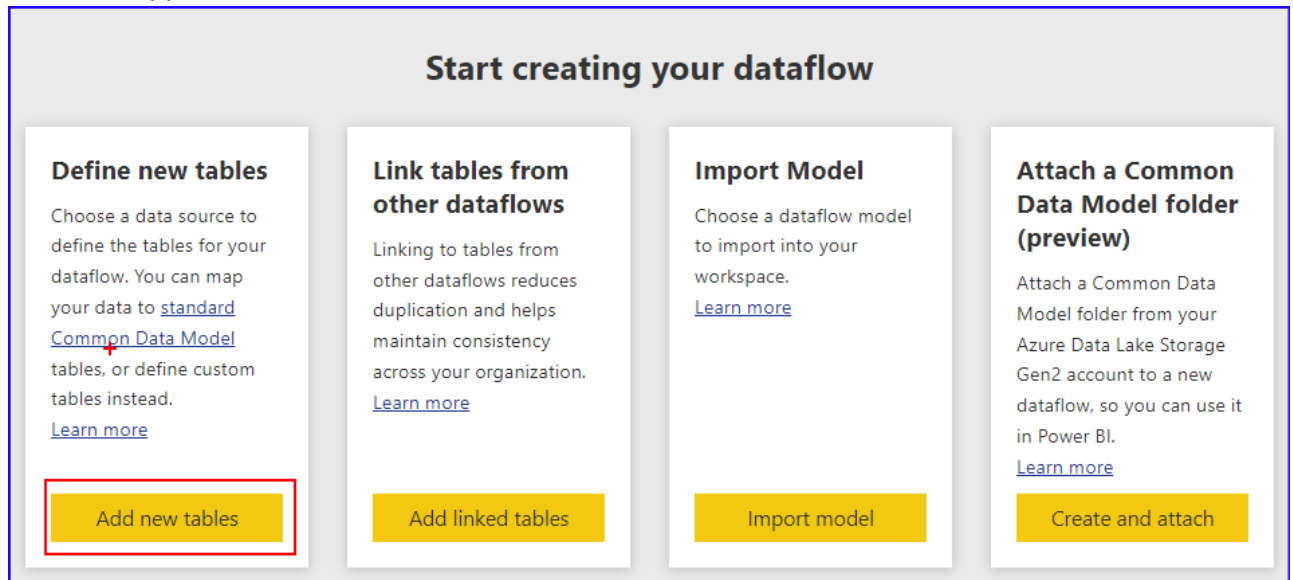
1. Create and configure dataflow and
2. Create report (/s) where-in you will connect to this dataflow

## Task 1: Create Dataflow

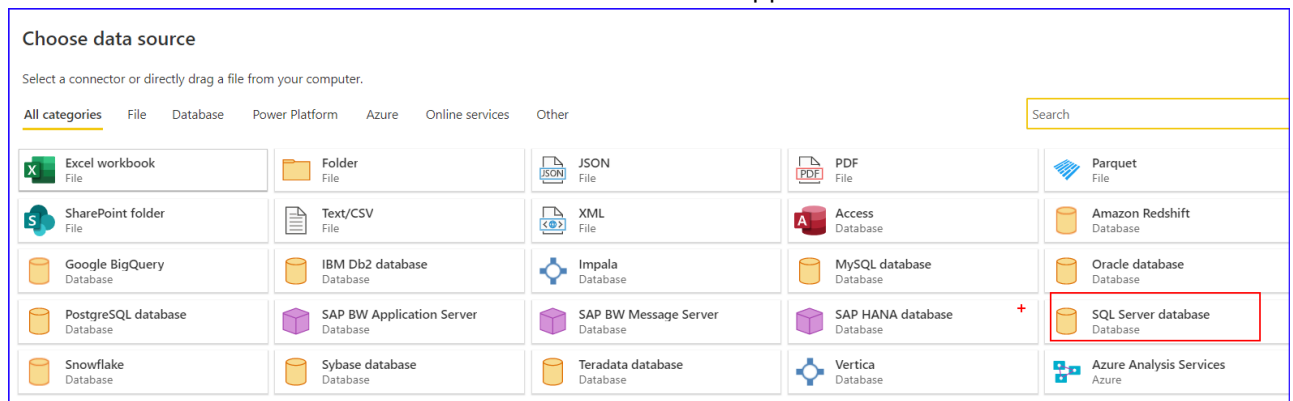
1. Login to PowerBI.com
2. Select the workspace
3. Click on New |Dataflow



and it will appear as follows

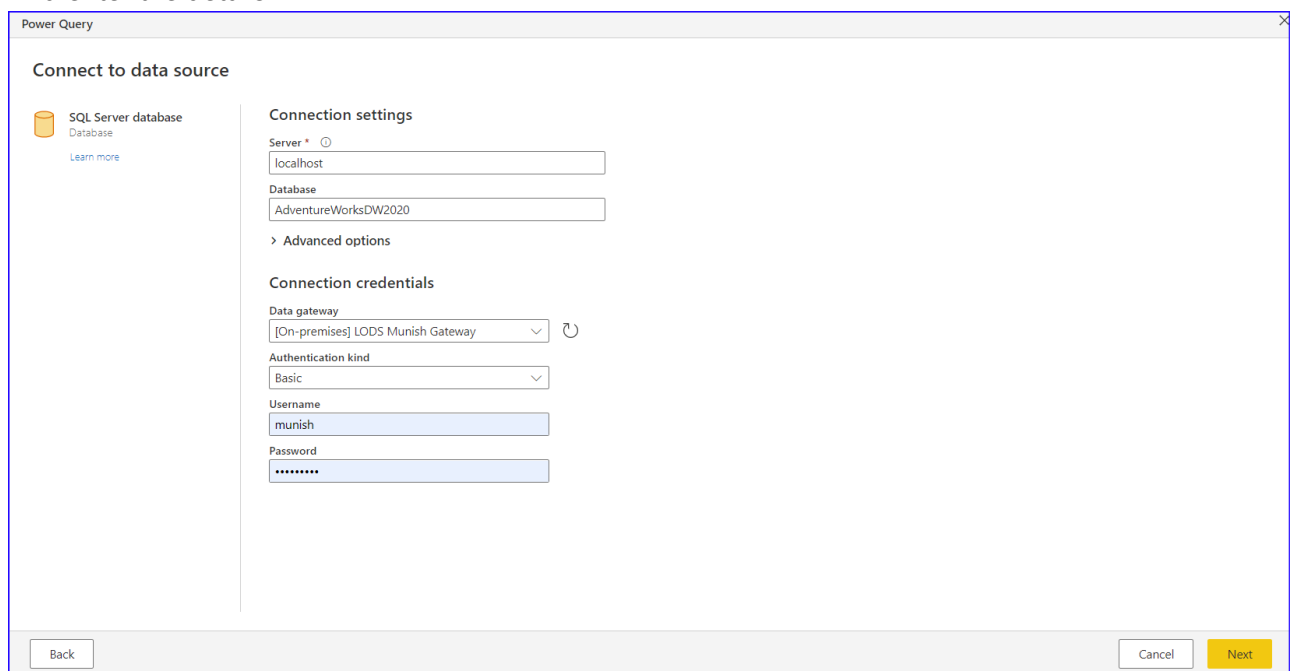


4. Click on Add new tables from Define new tables, and it will appear as follows



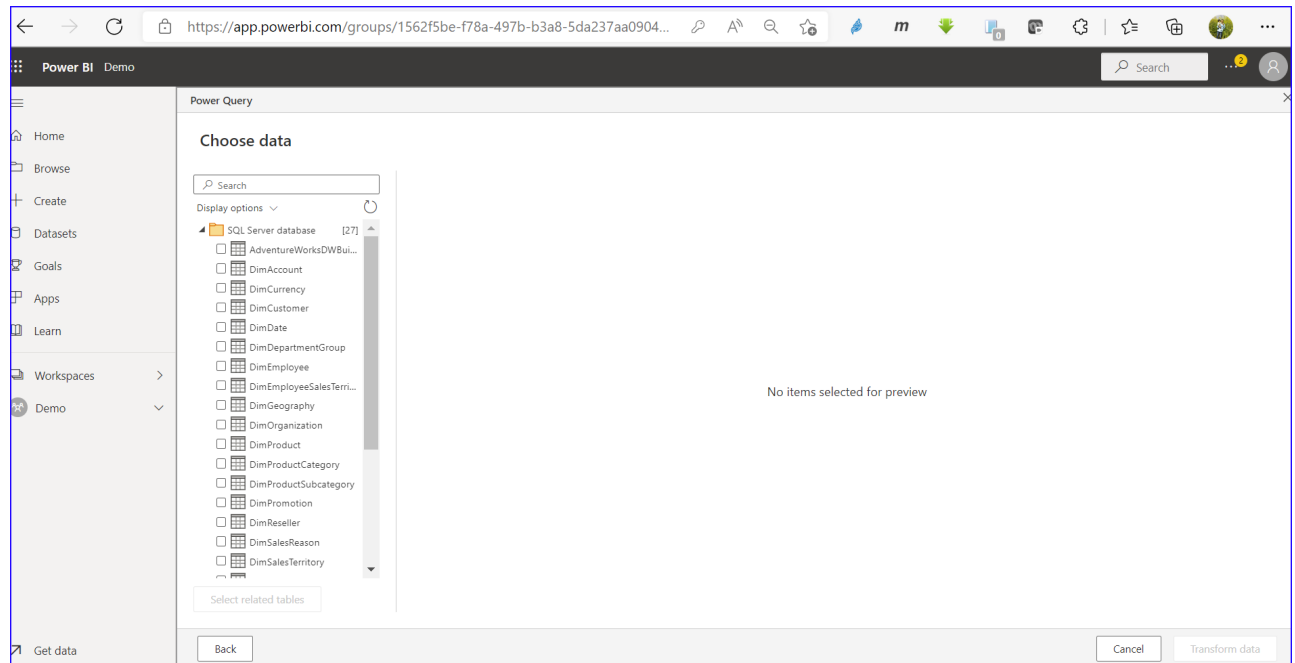
Select SQL Server database

5. And enter the details



[Make sure that Gateway is up and running]

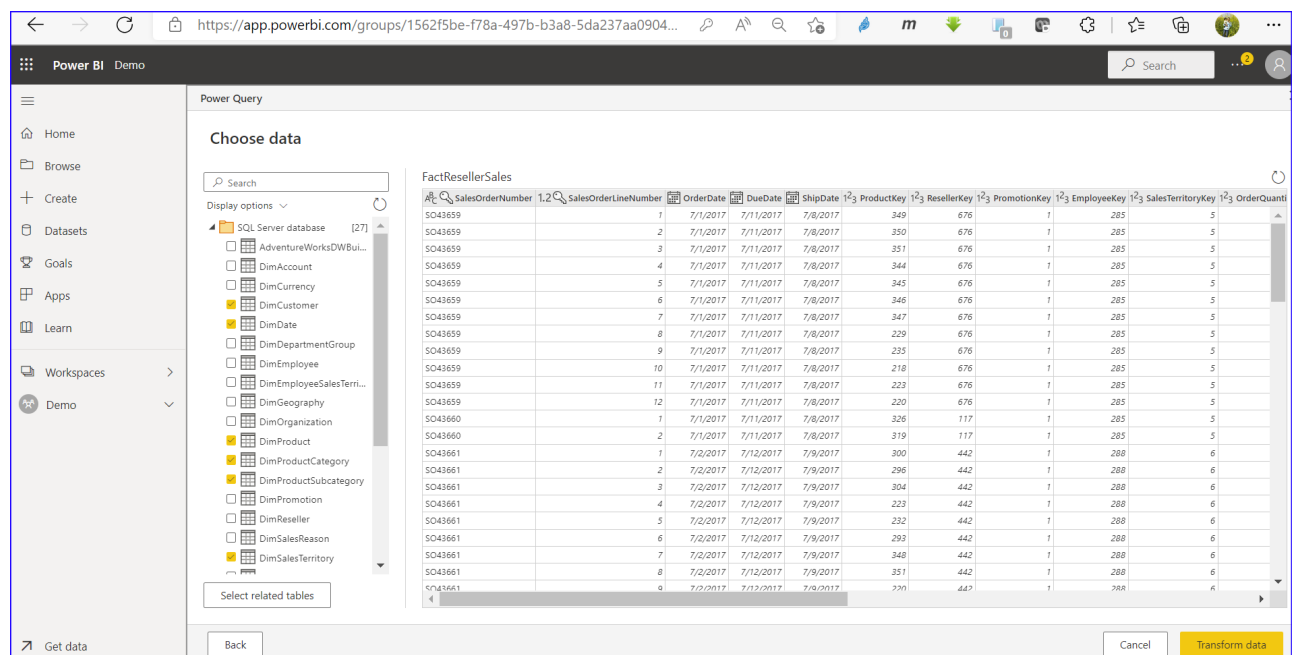
Click on Next button



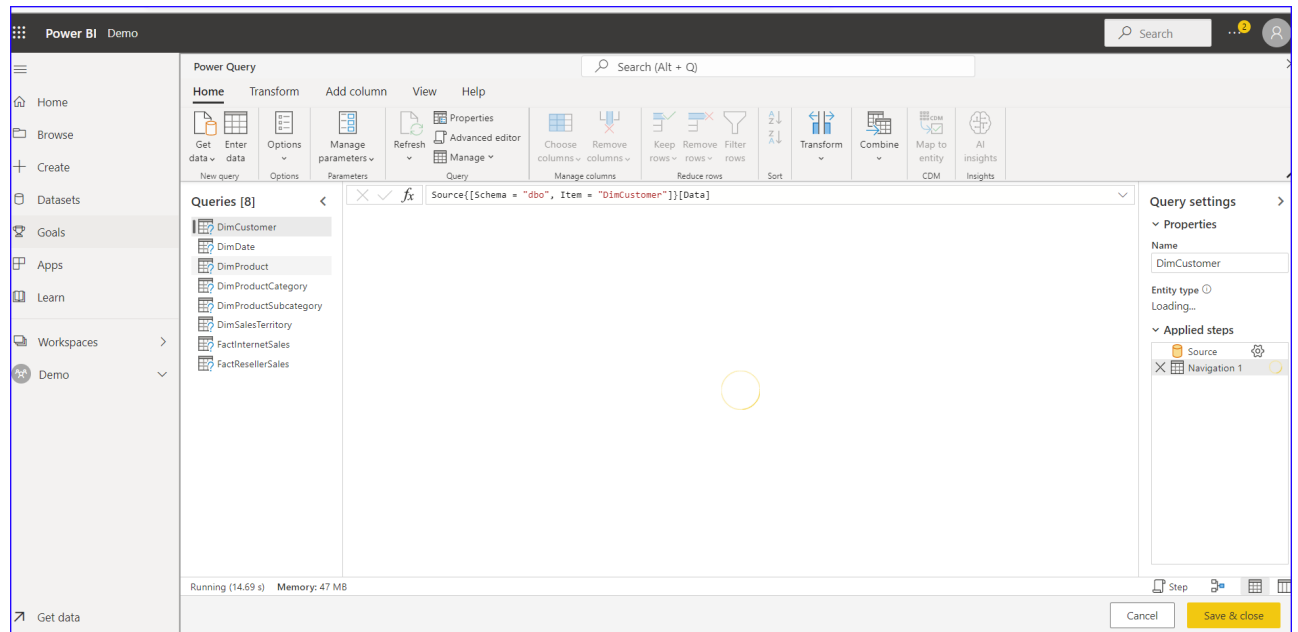
6. Select the tables,

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

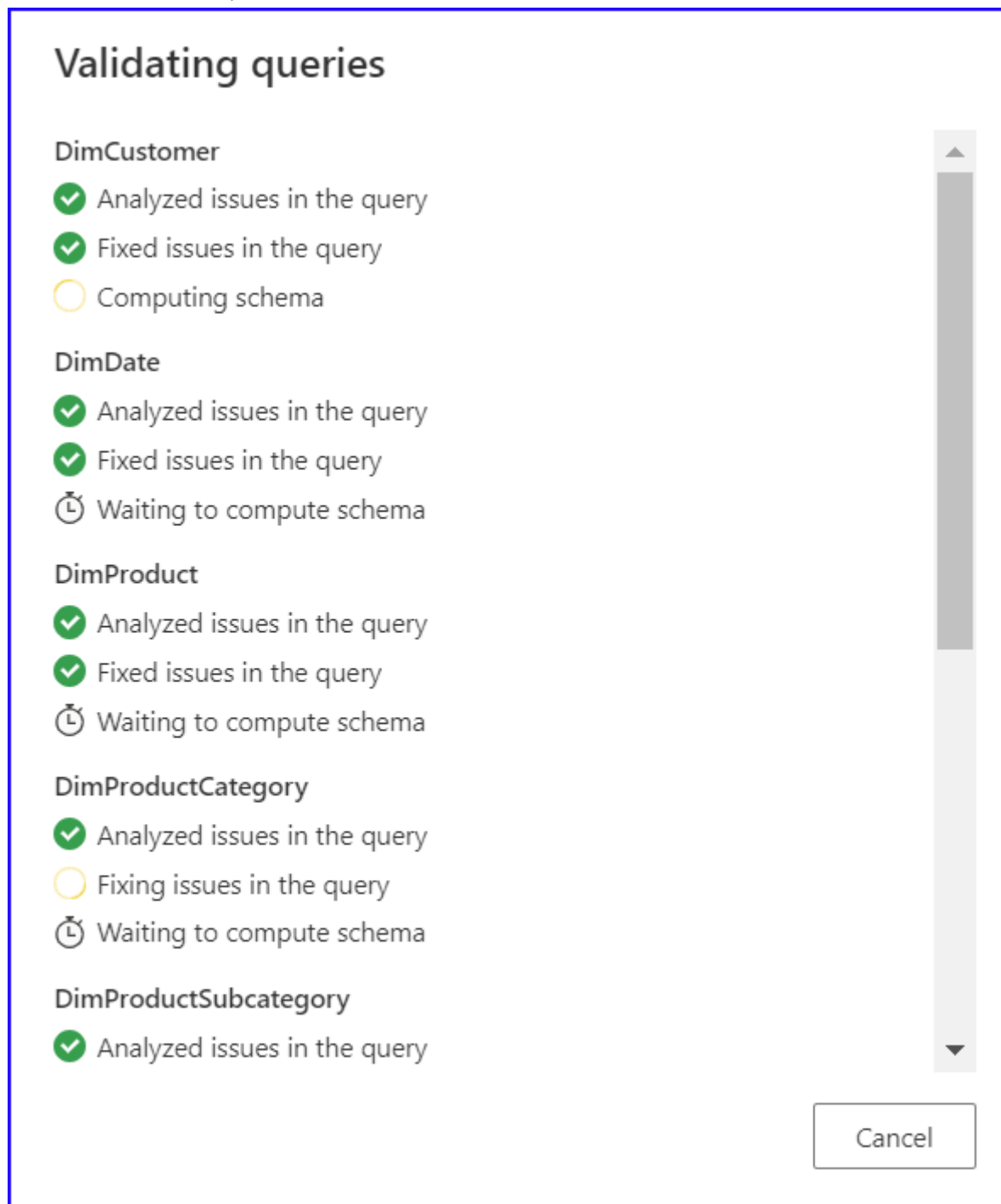
and it will show the screen as follows



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



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

# Save your dataflow

Name \*

AdventureWorks-Dataflow

Description

AdventureWorks-Dataflow

Save Cancel

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

Power BI Demo AdventureWorks-Dataflow

Tables Machine learning models

TABLE NAME

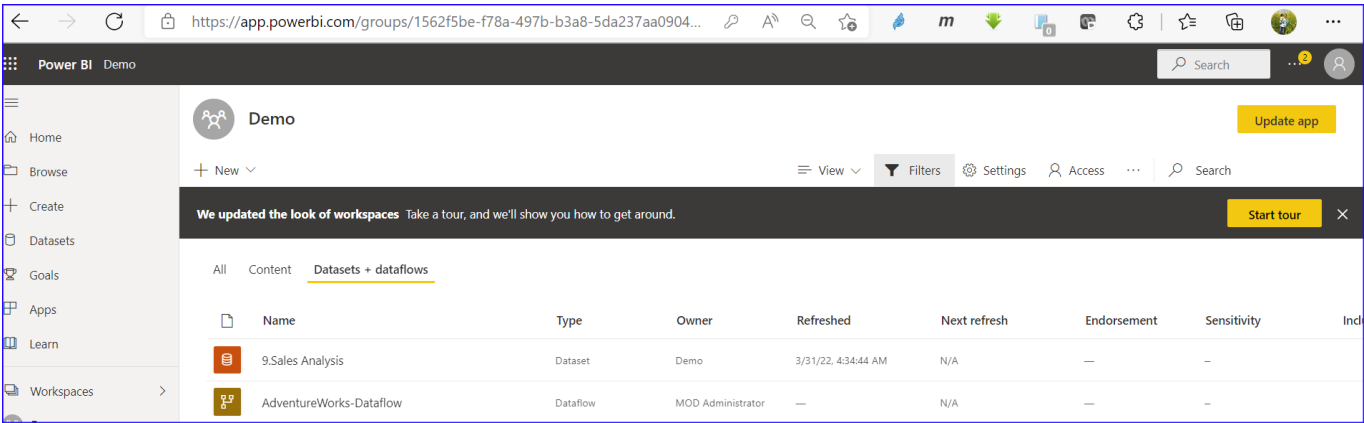
TABLE NAME	Refresh	Actions
DimCustomer		
DimDate	Custom	Refresh now Set a refresh schedule
DimProduct	Custom	Refresh now Set a refresh schedule
DimProductCategory	Custom	Refresh now Set a refresh schedule
DimProductSubcategory	Custom	Refresh now Set a refresh schedule
DimSalesTerritory	Custom	Refresh now Set a refresh schedule
FactInternetSales	Custom	Refresh now Set a refresh schedule
FactResellerSales	Custom	Refresh now Set a refresh schedule

Success! Your dataflow has been saved. To keep your data up to date, you need to set a refresh schedule.

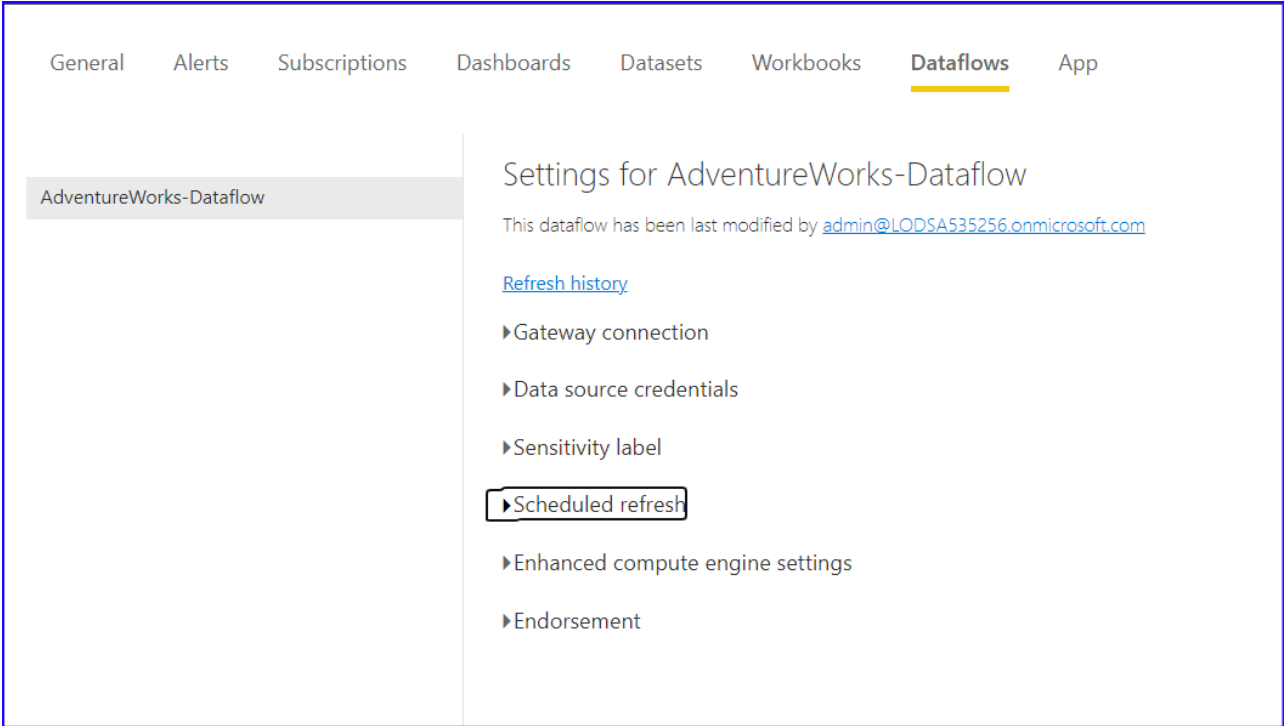
Refresh now Set a refresh schedule

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

► Sensitivity label

**Scheduled refresh**

Keep your data up to date

Configure a data refresh schedule to import data from the data source into the dataset. [Learn more](#)

☒ On

Refresh frequency

Daily ▼

Time zone

(UTC) Coordinated Universal Time ▼

Time

12 ▼ 00 ▼ AM ▼ ✕

[Add another time](#)

Send refresh failure notifications to

☒ Dataflow owner

☐ These contacts:

Enter email addresses

Apply Discard

## Task 2: Use Dataflow

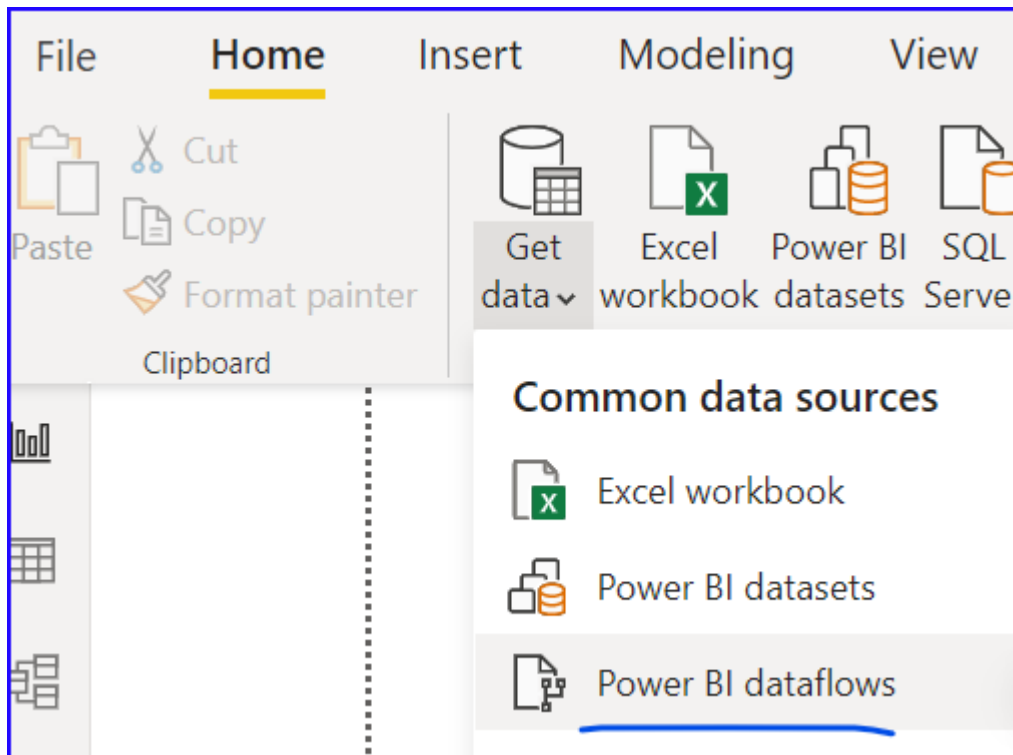
### 2 Power BI Desktop

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

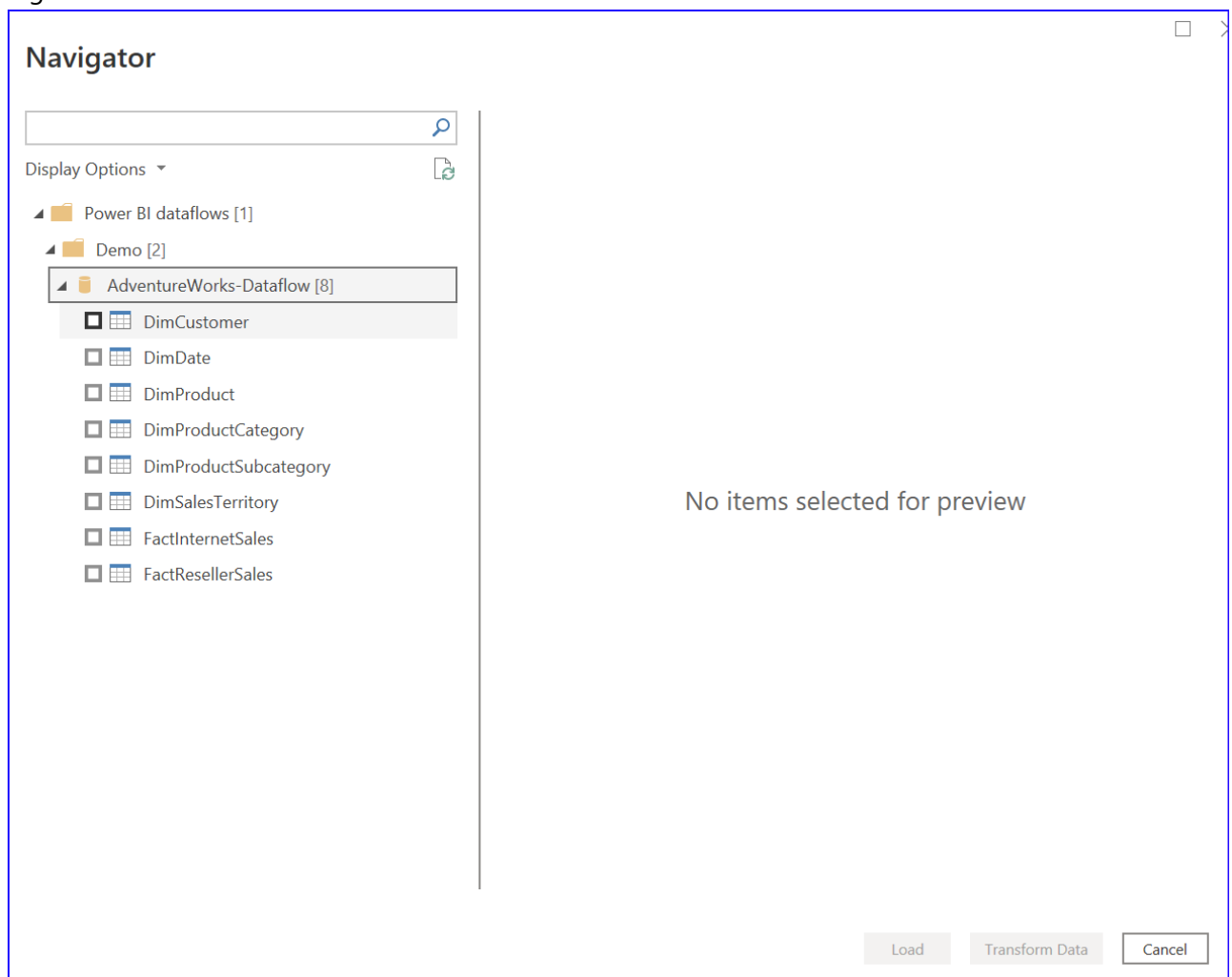
#### 2.1 Utilize Existing Dataflow

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

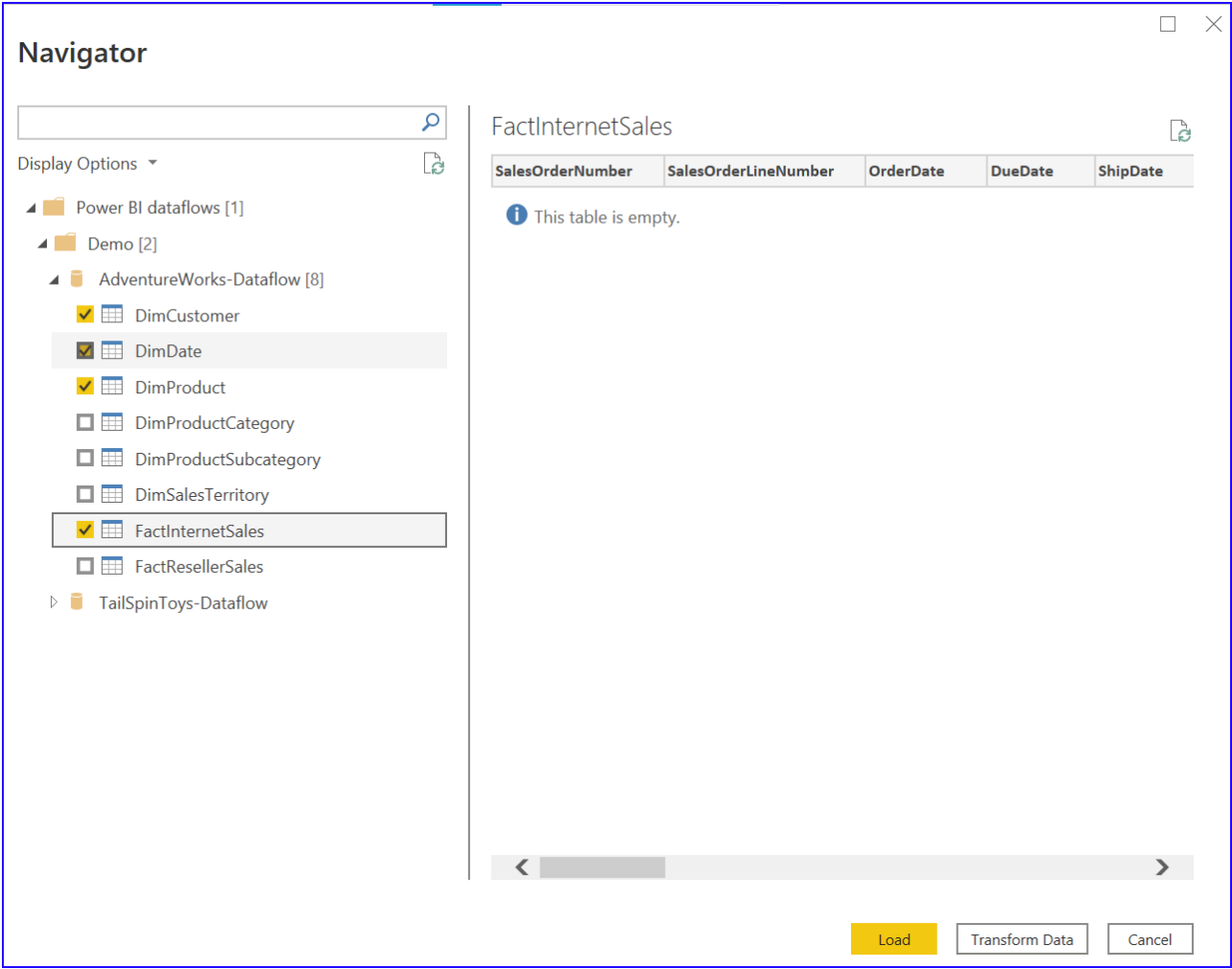




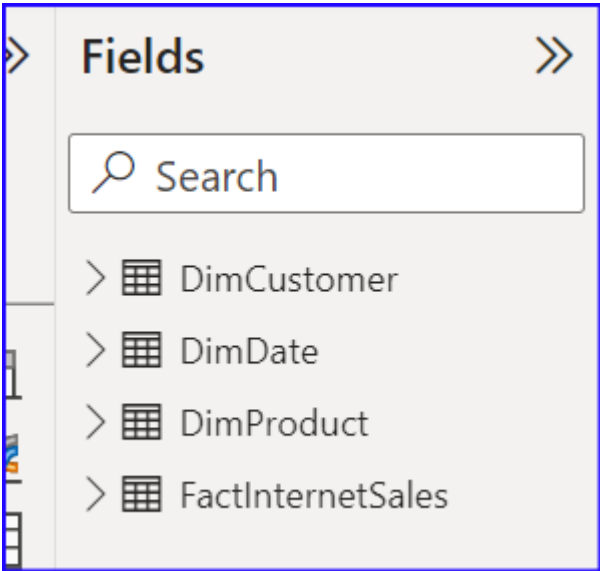
3. Sign-in with the credentials and it will show the screen as follows



4. Select the required tables



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



6. Create the report and publish it