

Lab 09- Creating and Using Dataflows

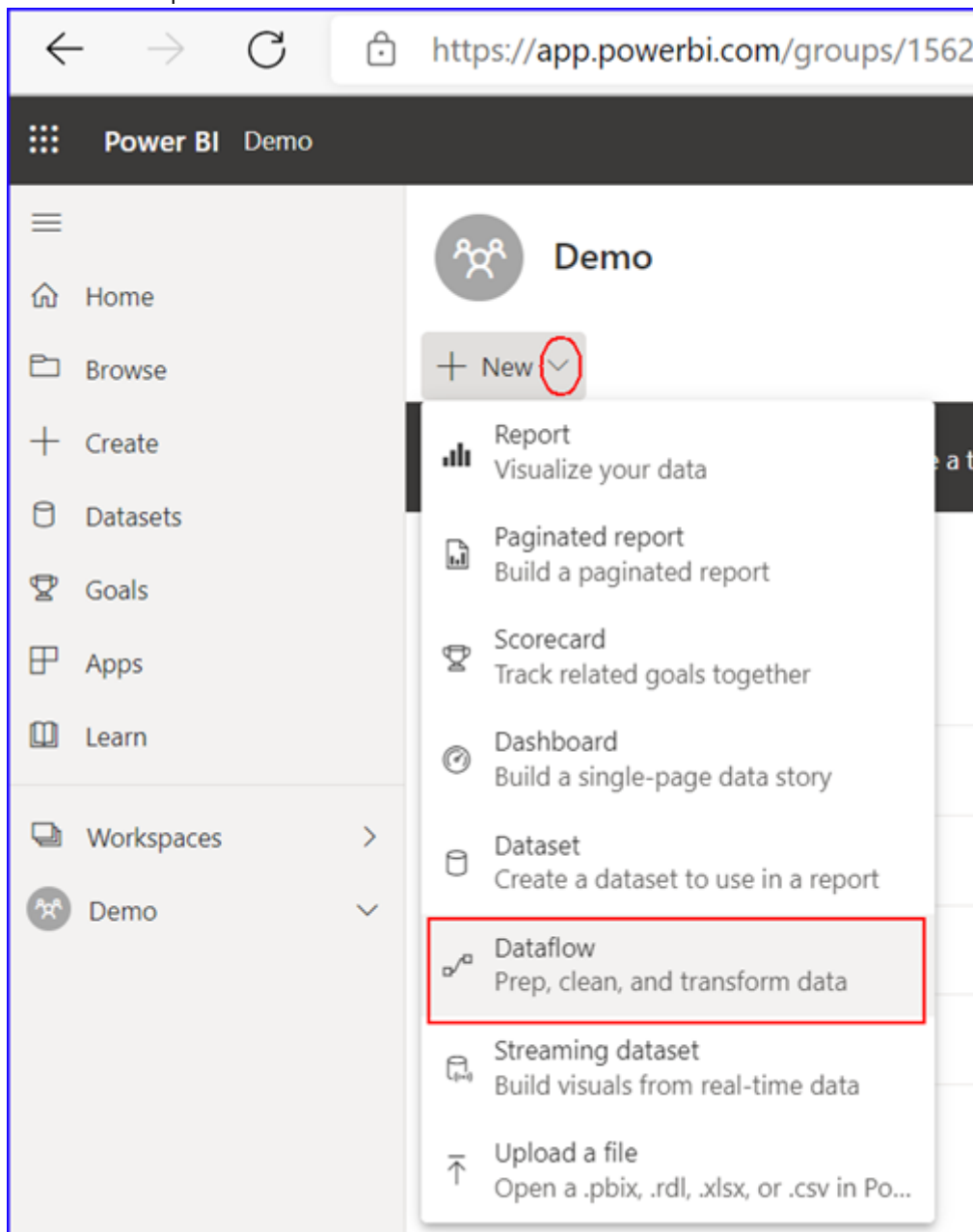
The estimated time to complete the lab is 45 minutes

In this lab, you will

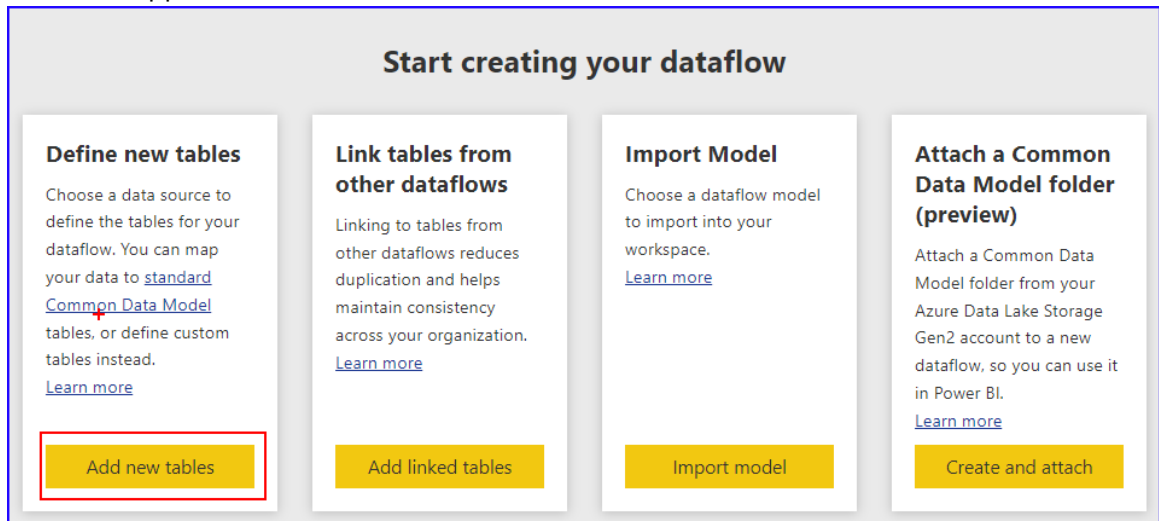
1. Create and configure dataflow and
2. Create report (/s) where-in you will connect to this dataflow

Task 1: Create Dataflow

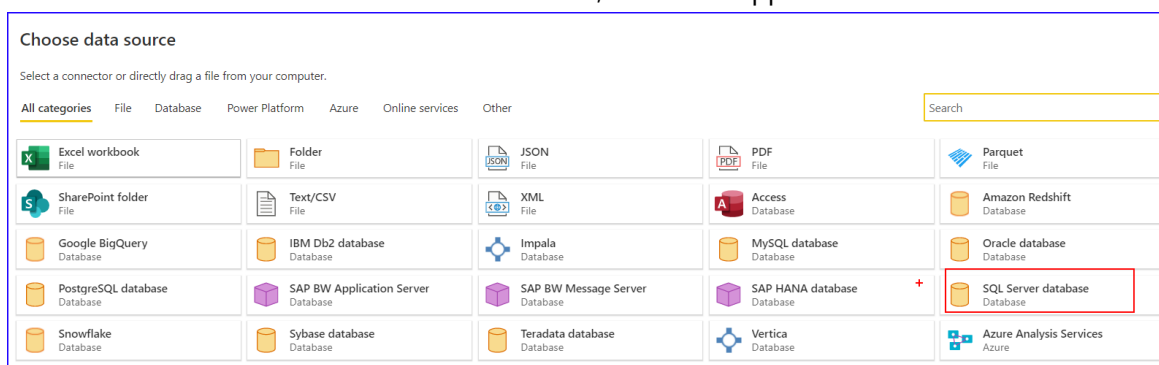
1. Login to PowerBI.com
2. Select the workspace
3. Click on New |Dataflow



and it will appear as follows

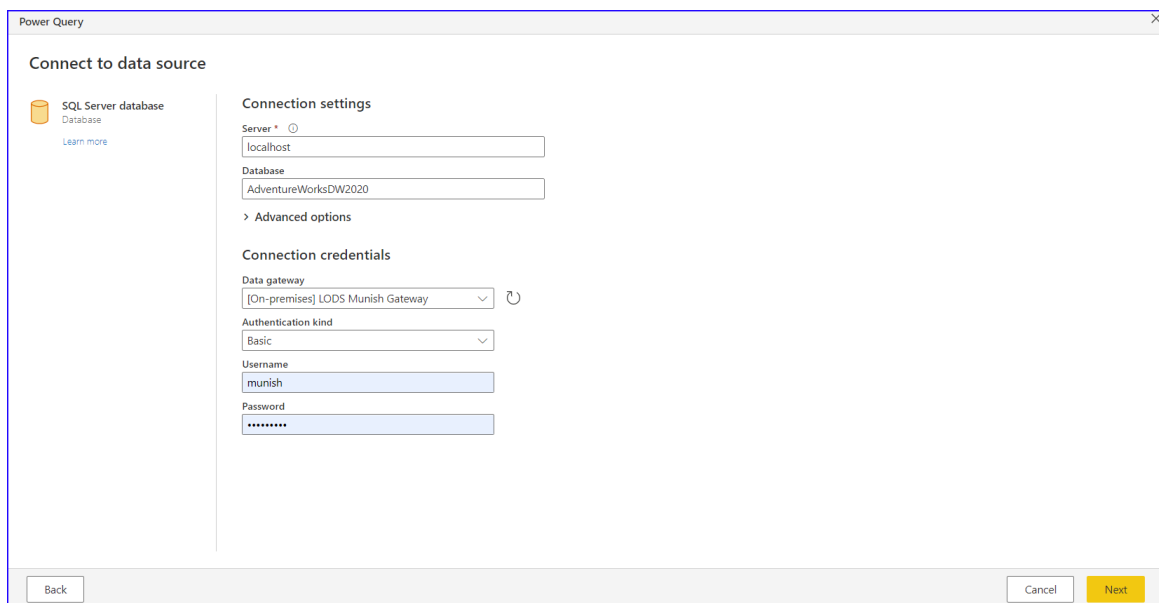


4. Click on Add new tables from Define new tables, and it will appear as follows



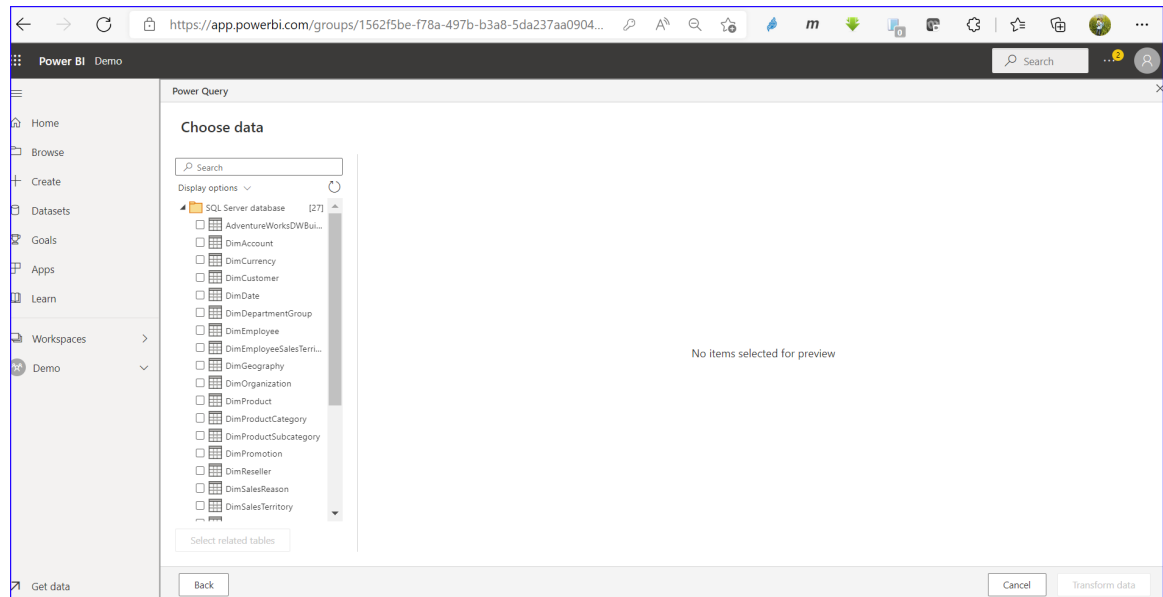
Select SQL Server database

5. And enter the details

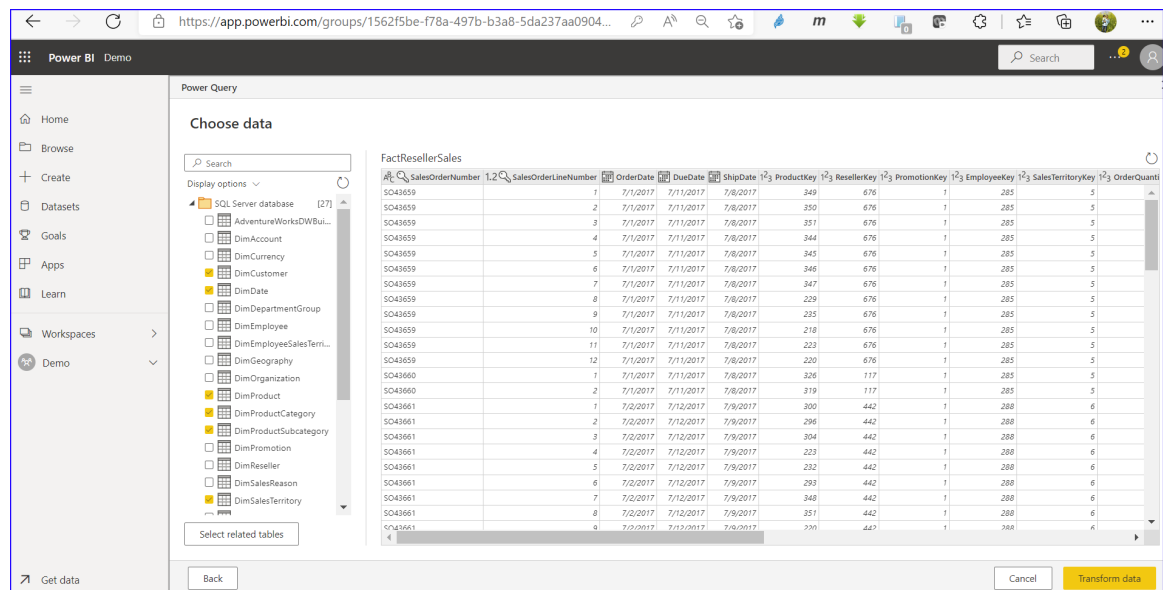


[Make sure that Gateway is up and running]

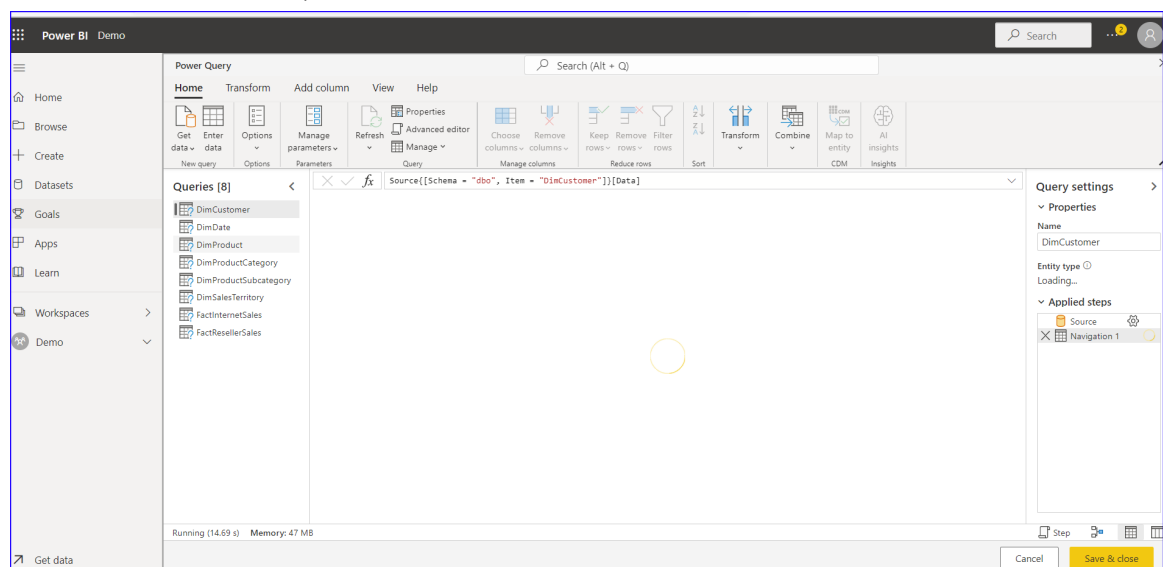
Click on Next button



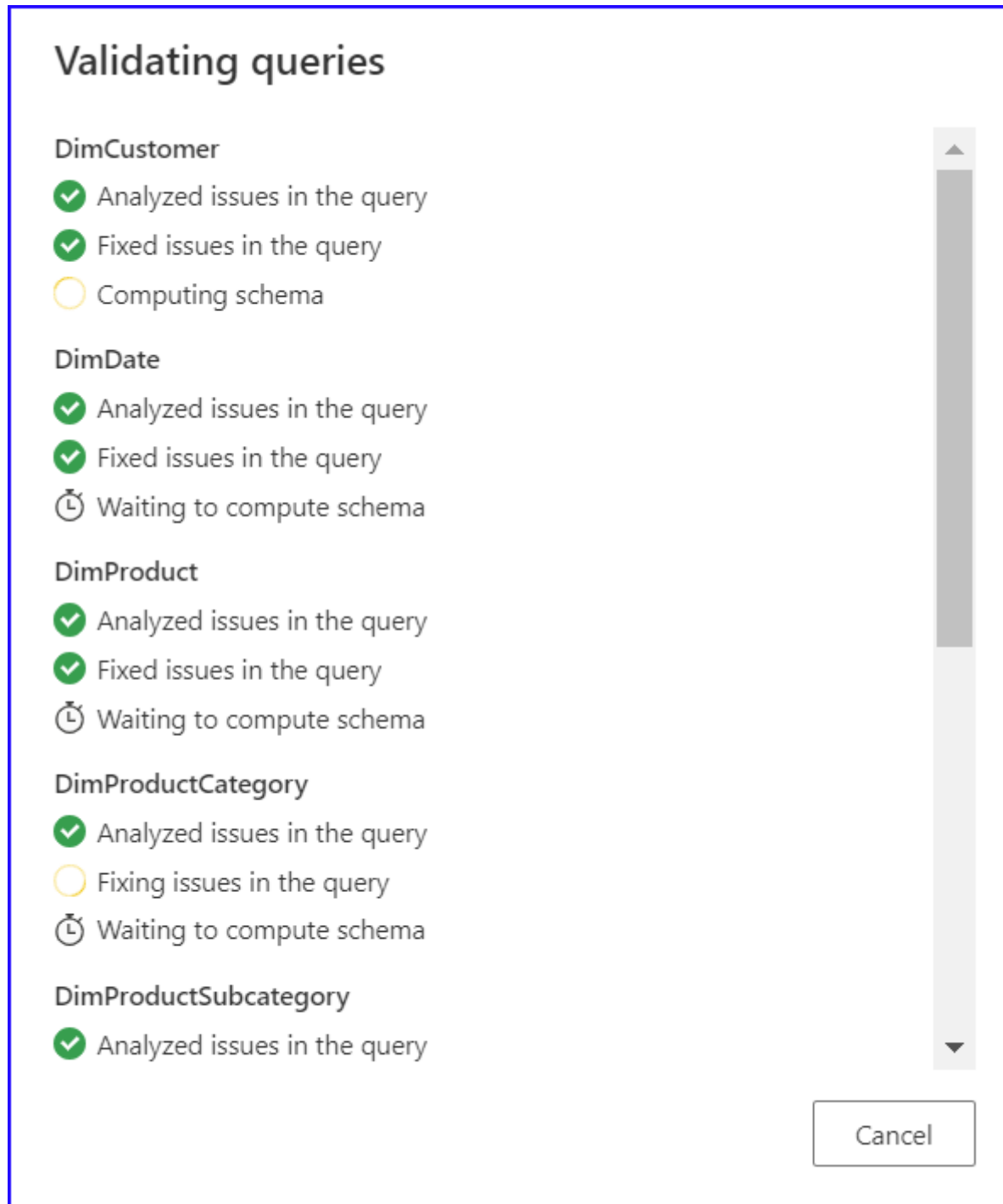
6. Select the tables,
DimCustomer, DimDate, DimProduct, DimProductCategory, DimProductSubCategory,
FactInternetSales and FactResellerSales
and it will show the screen as follows



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

The screenshot shows the Power BI Desktop interface. On the left is the navigation pane with 'Demo' selected. The main area displays a list of tables under the 'AdventureWorks-Dataflow' dataflow. A success message overlay is present: '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'.

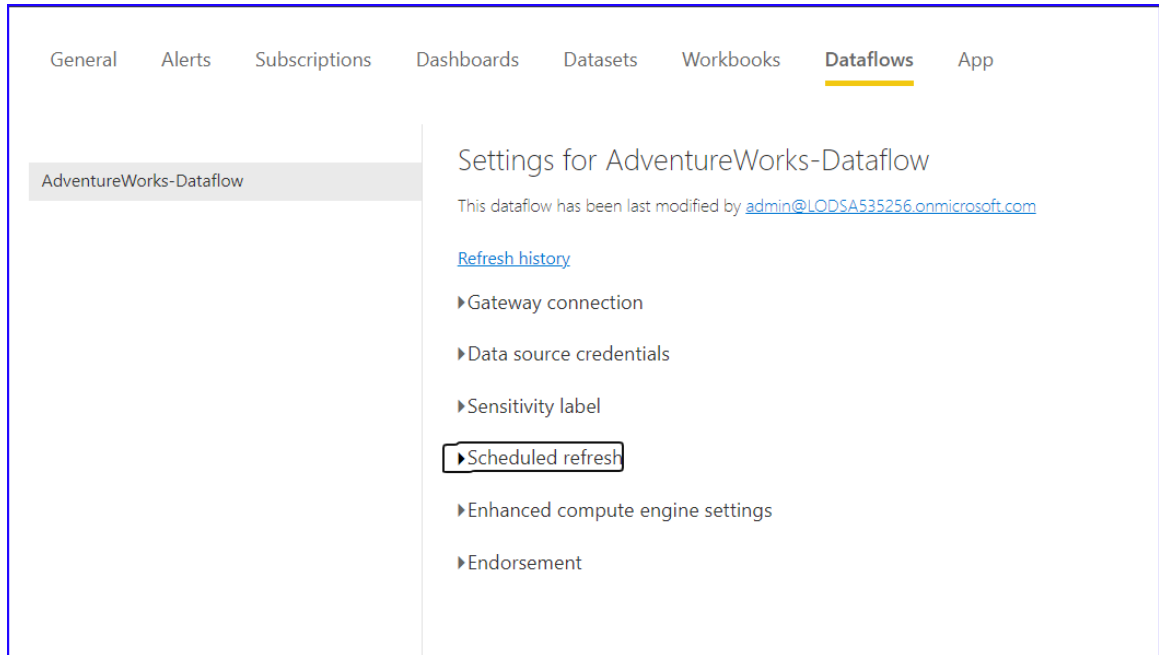
TABLE NAME	Type	Refresh
DimCustomer	Custom	
DimDate	Custom	
DimProduct	Custom	
DimProductCategory	Custom	
DimProductSubcategory	Custom	
DimSalesTerritory	Custom	
FactInternetSales	Custom	
FactResellerSales	Custom	

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

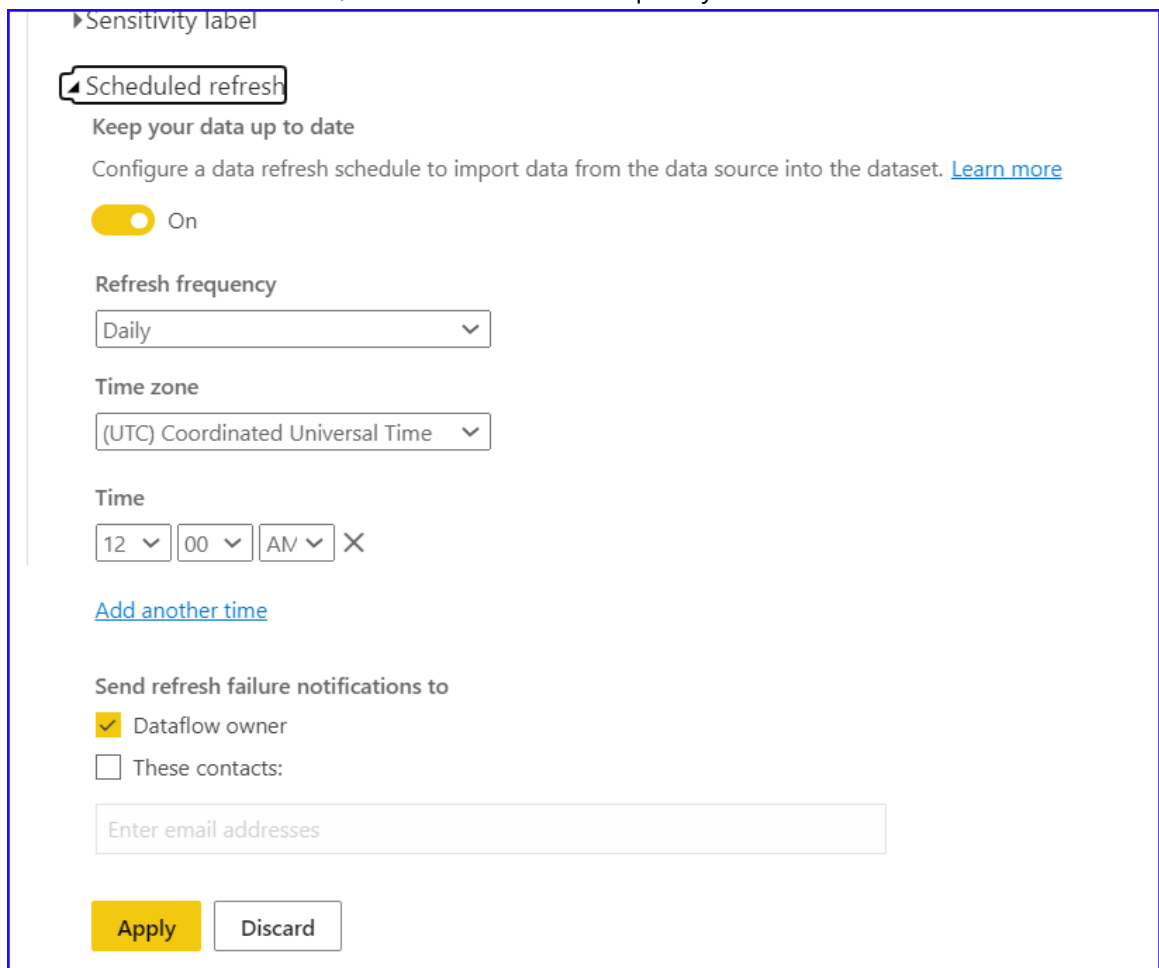
The screenshot shows the Power BI Desktop interface with the 'Datasets + dataflows' view selected. A table lists the dataflows and datasets. The newly created 'AdventureWorks-Dataflow' is visible at the bottom of the list.

Name	Type	Owner	Refreshed	Next refresh	Endorsement	Sensitivity
9.Sales Analysis	Dataset	Demo	3/31/22, 4:34:44 AM	N/A	—	—
AdventureWorks-Dataflow	Dataflow	MOD Administrator	—	N/A	—	—

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



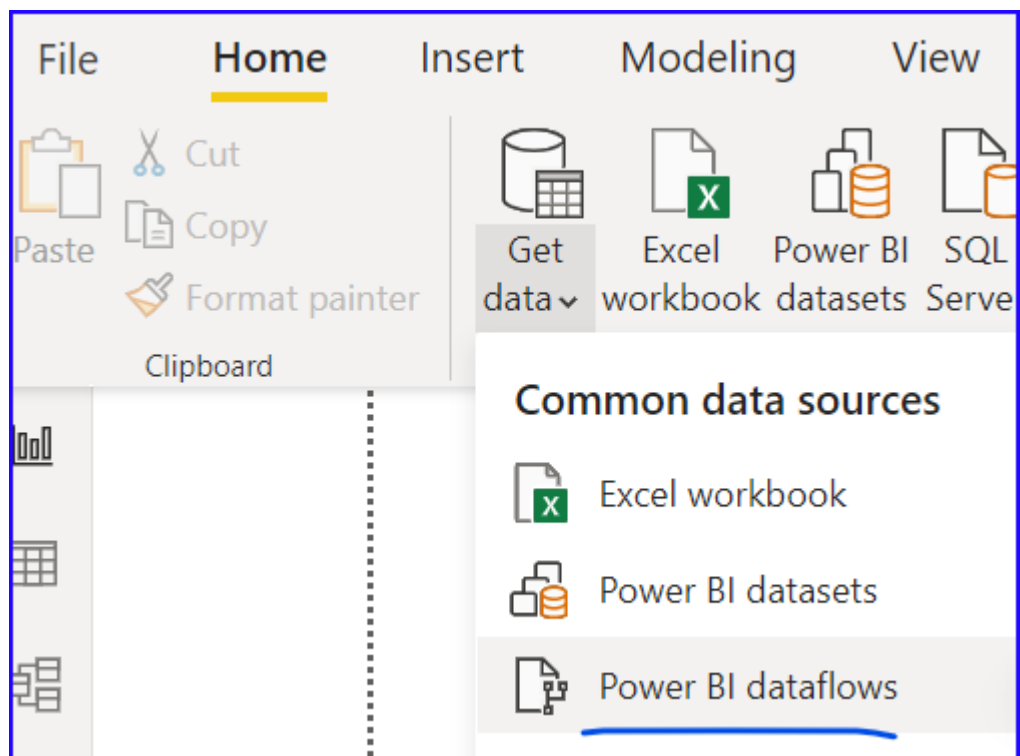
Task 2: Use Dataflow

2 Power BI Desktop

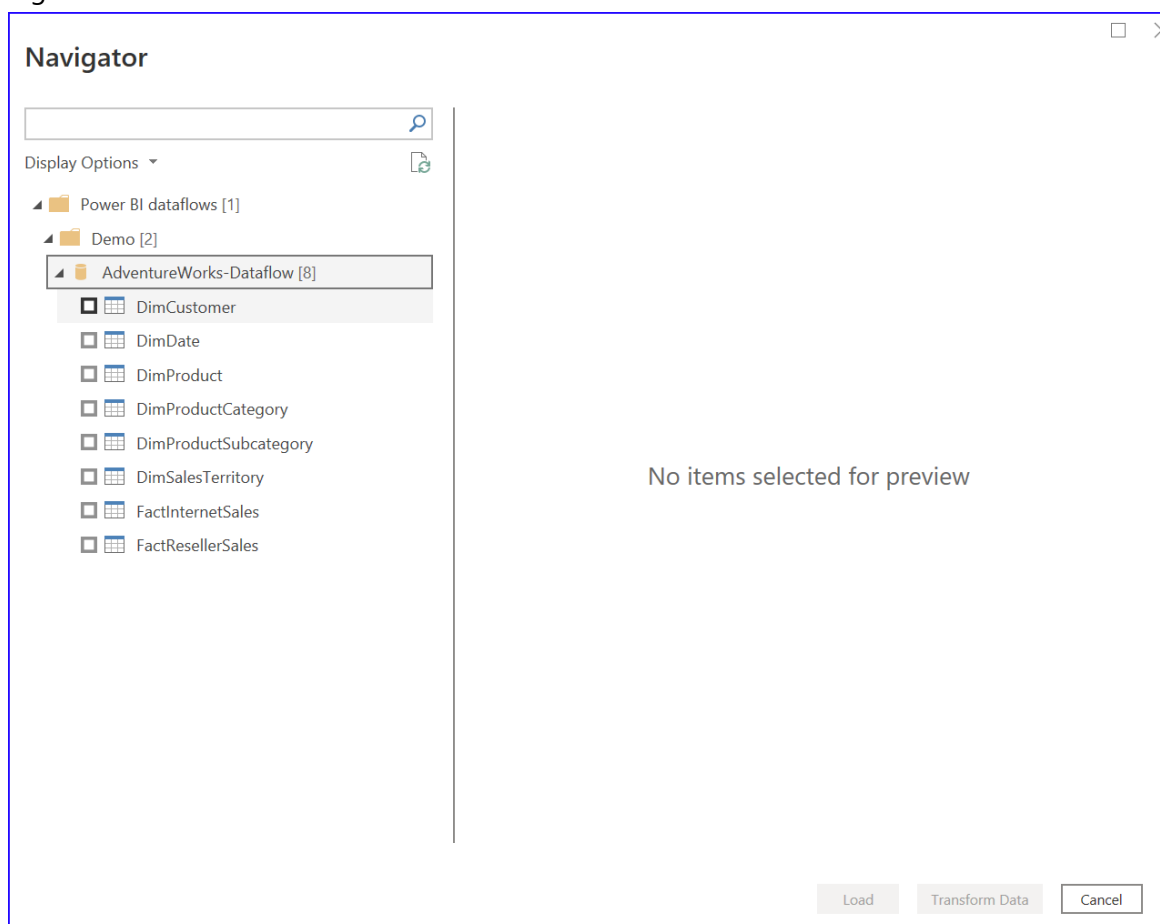
1. Open Power BI Desktop, and save the solution as 'Sales Analysis Using Dataflow'

2.1 Utilize Existing Dataflow

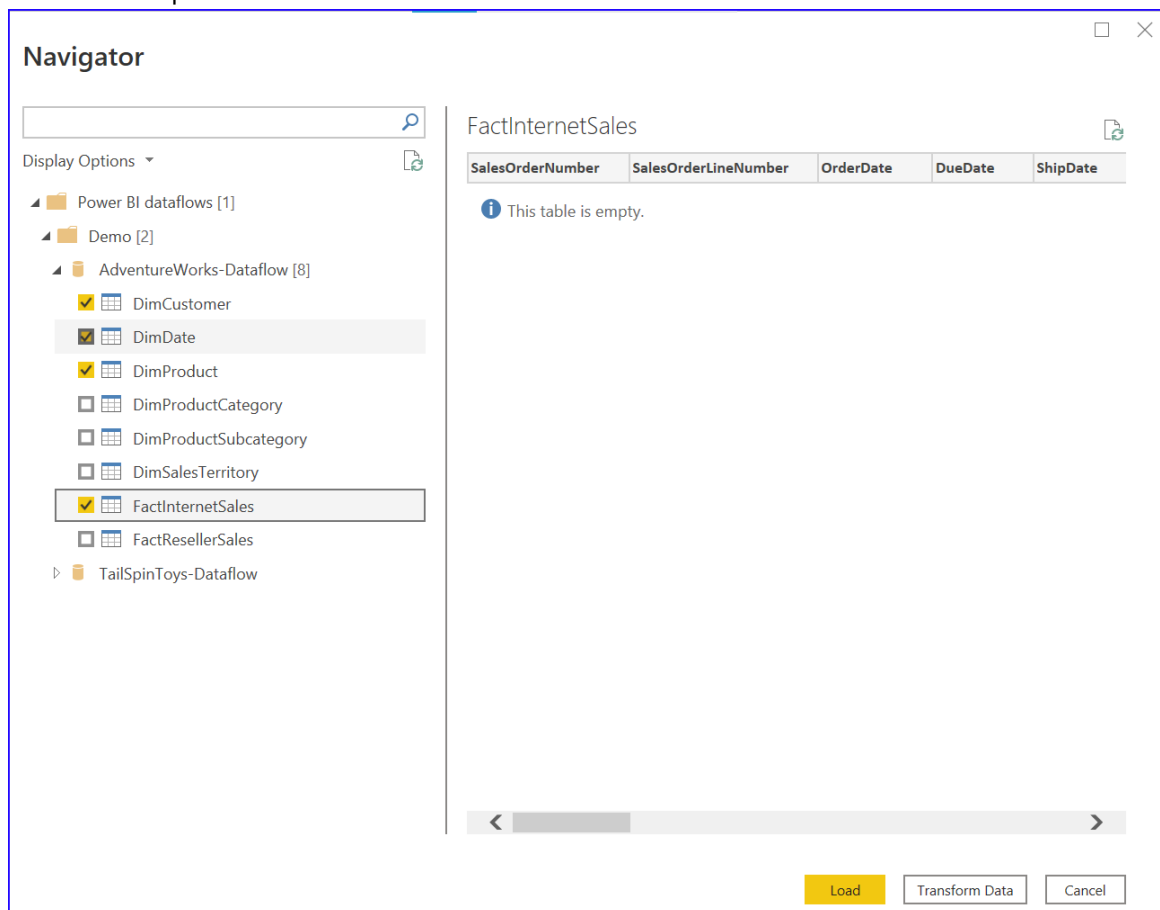
2. Click on Get Data | Power BI dataflows, and it will show the screen as follows



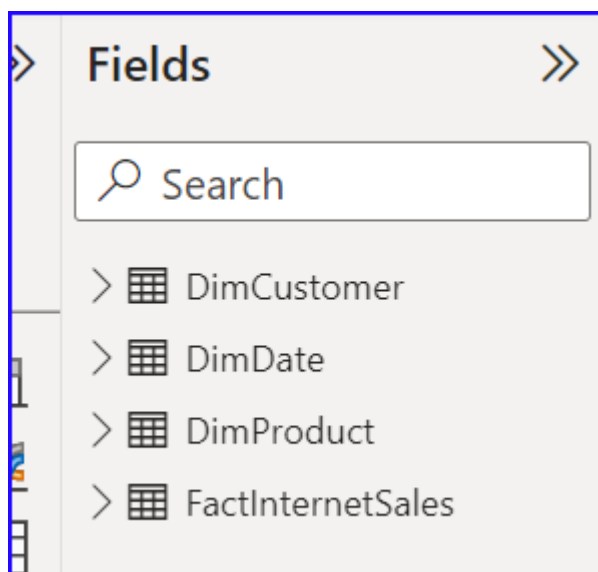
3. Sign-in with the credentials and it will show the screen as follows



4. Select the required tables



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



6. Create the report and publish it