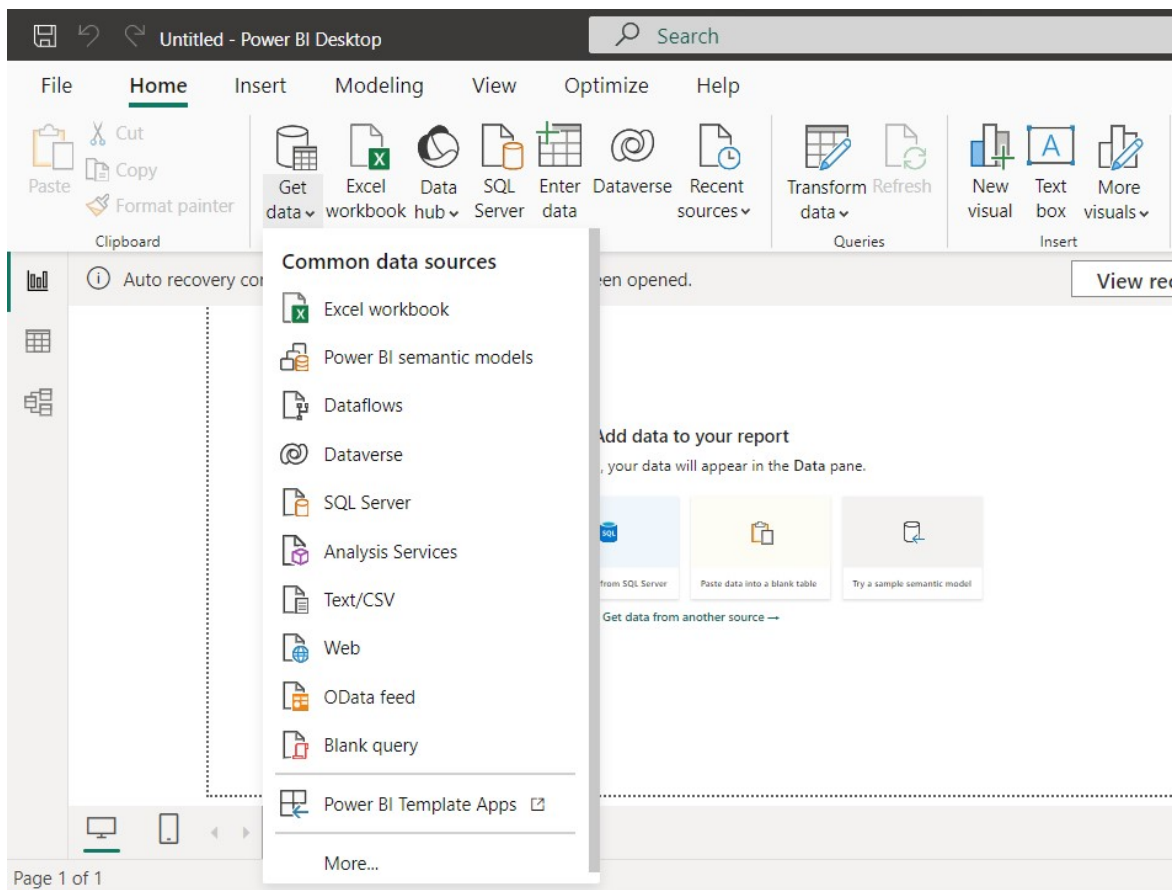


Practical: 1

Aim: Import the legacy data from different sources such as (Excel, SqlServer, Oracle etc.) and load in the target system.

Importing Excel Data

1. Launch Power BI Desktop.
2. From the Home ribbon, select Get Data. Excel is one of the Most Common data connections, so you can select it directly from the Get Data menu.



3. If you select the Get Data button directly, you can also select File > Excel and select Connect.
4. In the Open File dialog box, select the Products.xlsx file.
5. In the Navigator pane, select the Products table and then select Edit.

Navigator

Display Options ▾

Products.xlsx [2]

Products

Sheet1

Products

ProductID	ProductName	SupplierID	CategoryID	QuantityPerUnit	UnitPrice	UnitsInStock
1	Chai	1	1	10 boxes x 20 bags	18	10
2	Chang	1	1	24 - 12 oz bottles	19	5
3	Aniseed Syrup	1	2	12 - 550 ml bottles	10	20
4	Chef Anton's Cajun Seasoning	2	2	48 - 6 oz jars	22	5
5	Chef Anton's Gumbo Mix	2	2	36 boxes	21.35	5
6	Grandma's Boysenberry Spread	3	2	12 - 8 oz jars	25	15
7	Uncle Bob's Organic Dried Pears	3	7	12 - 1 lb pkgs.	30	10
8	Northwoods Cranberry Sauce	3	2	12 - 12 oz jars	40	5
9	Mishi Kobe Niku	4	6	18 - 500 g pkgs.	97	10
10	Ikura	4	8	12 - 200 ml jars	31	5
11	Queso Cabrales	5	4	1 kg pkg.	21	10
12	Queso Manchego La Pastora	5	4	10 - 500 g pkgs.	38	10
13	Konbu	6	8	2 kg box	6	10
14	Tofu	6	7	40 - 100 g pkgs.	23.25	10
15	Genen Shouyu	6	2	24 - 250 ml bottles	15.5	10
16	Pavlova	7	3	32 - 500 g boxes	17.45	10
17	Alice Mutton	7	6	20 - 1 kg tins	39	10
18	Carnarvon Tigers	7	8	16 kg net	62.5	10

Load

Transform Data

Cancel

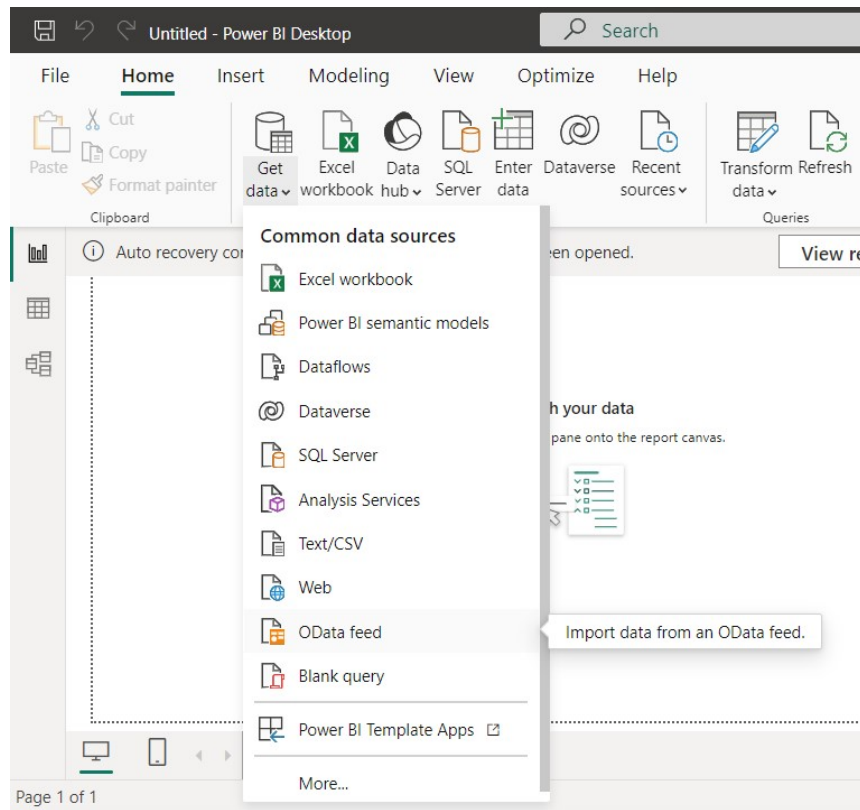
Importing Data from OData Feed

In this task, you'll bring in order data. This step represents connecting to a sales system. You import data into Power BI Desktop from the sample Northwind OData feed at the following URL, which you can copy (and then paste) in the steps below:

<http://services.odata.org/V3/Northwind/Northwind.svc/>

Connect to an OData feed:

- 1) From the Home ribbon tab in Query Editor, select Get Data.
- 2) Browse to the OData Feed data source.
- 3) In the OData Feed dialog box, paste the URL for the Northwind OData feed.
- 4) Select OK.
- 5) In the Navigator pane, select the Orders table, and then select Edit.



OData feed

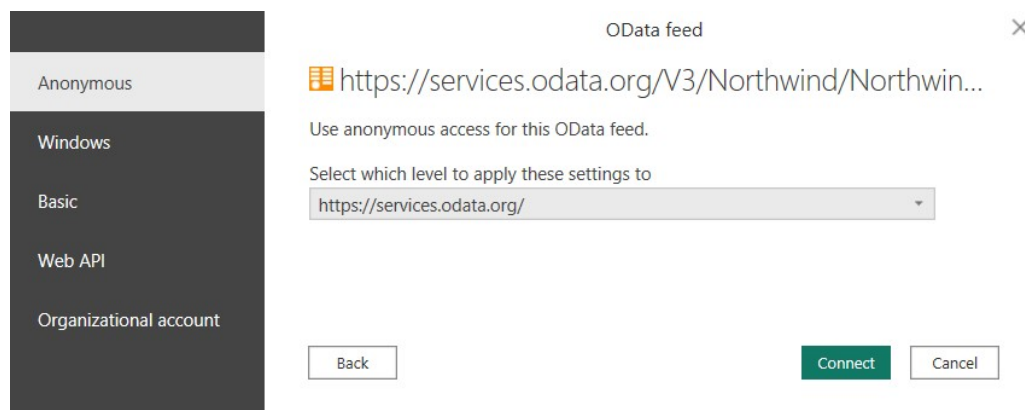
☒ Basic ☐ Advanced

URL

<https://services.odata.org/V3/Northwind/Northwind.svc/>

OK

Cancel



Navigator

Display Options ▾

<https://services.odata.org/V3/Northwind/N...>

- ☐ Alphabetical_list_of_products
- ☐ Categories
- ☐ Category_Sales_for_1997
- ☐ Current_Product_Lists
- ☐ Customer_and_Suppliers_by_Cities
- ☐ CustomerDemographics
- ☐ Customers
- ☐ Employees
- ☐ Invoices
- ☐ Order_Details
- ☐ Order_Details_Extendeds
- ☐ Order_Subtotals
- ☒ Orders
- ☐ Orders_Qries

Select Related Tables

Orders

OrderID	CustomerID	EmployeeID	OrderDate	RequiredDate
10248	VINET	5	7/4/1996 12:00:00 AM	8/1/1996
10249	TOMSP	6	7/5/1996 12:00:00 AM	8/16/1996
10250	HANAR	4	7/8/1996 12:00:00 AM	8/5/1996
10251	VICTE	3	7/8/1996 12:00:00 AM	8/5/1996
10252	SUPRD	4	7/9/1996 12:00:00 AM	8/6/1996
10253	HANAR	3	7/10/1996 12:00:00 AM	7/24/1996
10254	CHOPS	5	7/11/1996 12:00:00 AM	8/8/1996
10255	RICSU	9	7/12/1996 12:00:00 AM	8/9/1996
10256	WELLI	3	7/15/1996 12:00:00 AM	8/12/1996
10257	HILAA	4	7/16/1996 12:00:00 AM	8/13/1996
10258	ERNSH	1	7/17/1996 12:00:00 AM	8/14/1996
10259	CENTC	4	7/18/1996 12:00:00 AM	8/15/1996
10260	OTTIK	4	7/19/1996 12:00:00 AM	8/16/1996
10261	QUEDE	4	7/19/1996 12:00:00 AM	8/16/1996
10262	RATTC	8	7/22/1996 12:00:00 AM	8/19/1996
10263	ERNSH	9	7/23/1996 12:00:00 AM	8/20/1996
10264	FOLKO	6	7/24/1996 12:00:00 AM	8/21/1996
10265	BLONP	2	7/25/1996 12:00:00 AM	8/22/1996

Load

Transform Data

Cancel

➤ **Note** - You can click a table name, without selecting the checkbox, to see a preview.