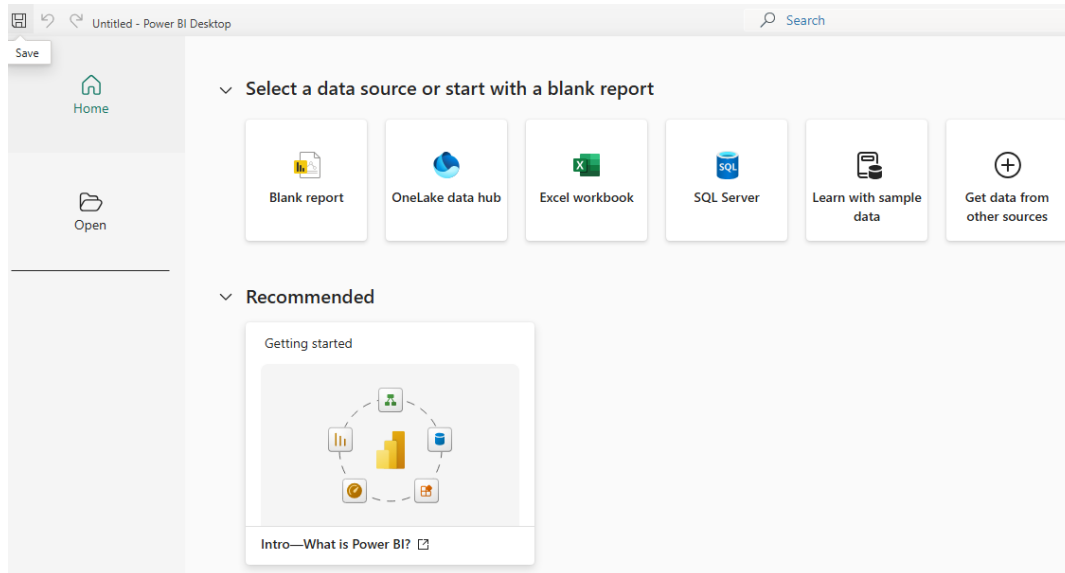# Module 3 – Assignment
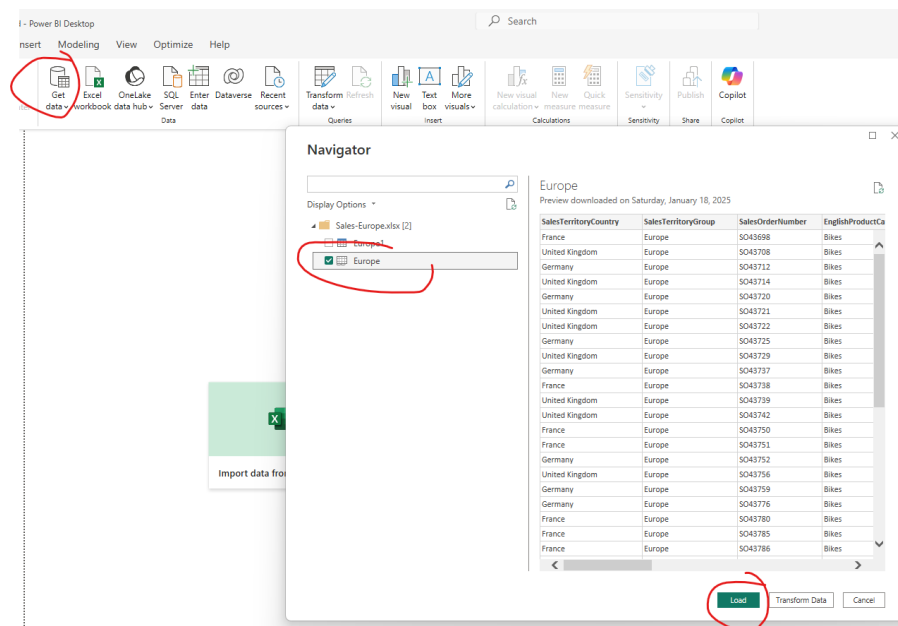
Tasks To Be Performed:

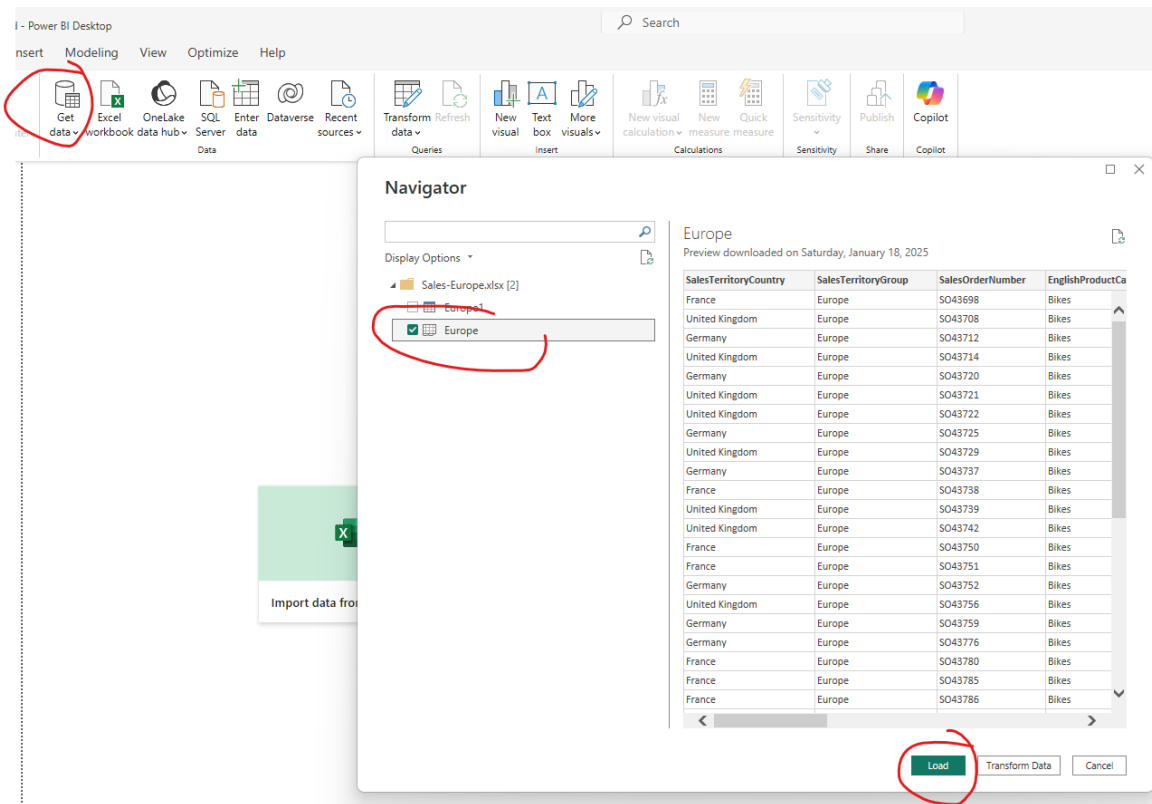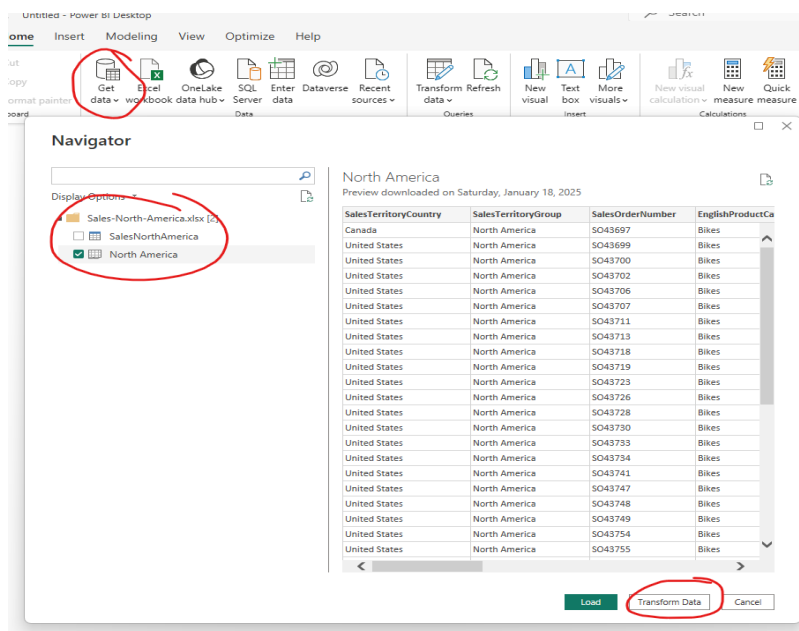### Importing Data from Excel:

a) Open Power BI Desktop.

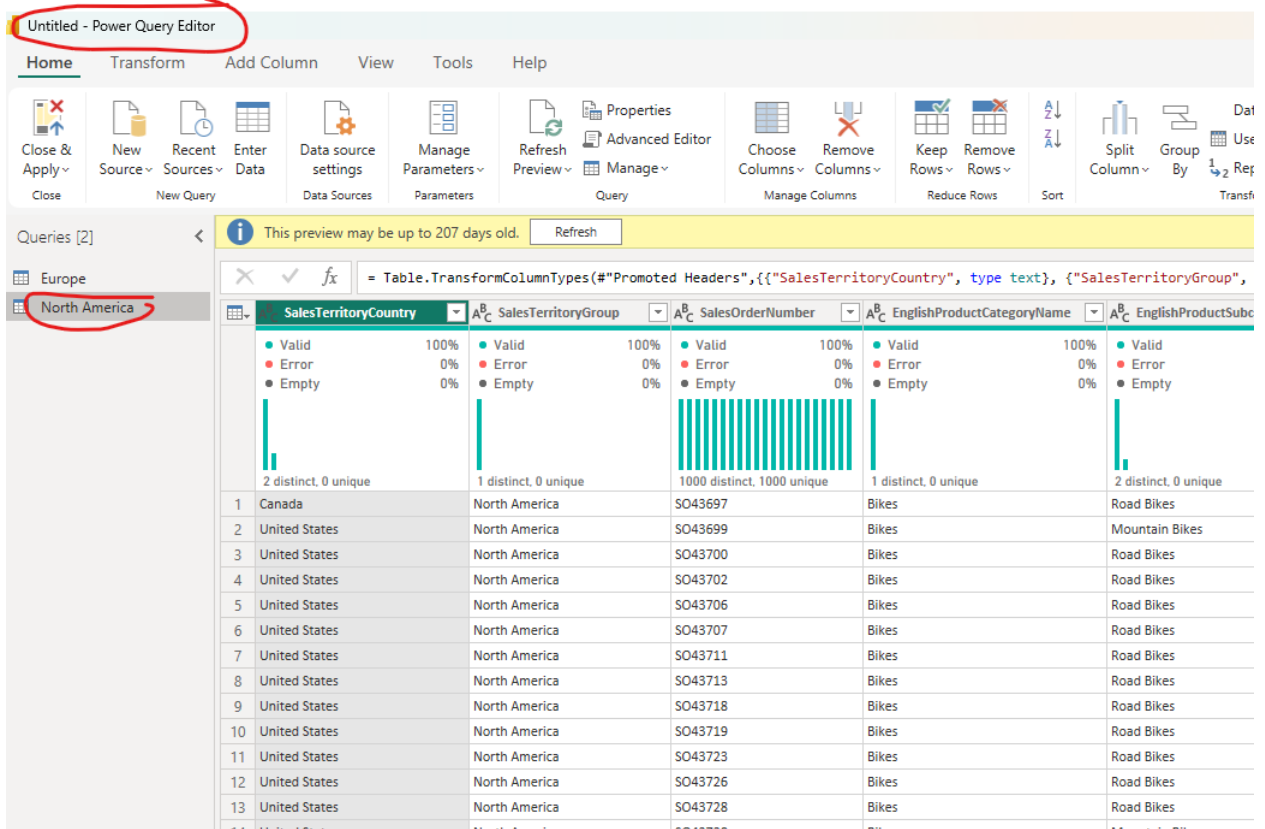b) Import the sales-Europe Excel file.

c) In the Navigator window, select Europe, and click on Load.
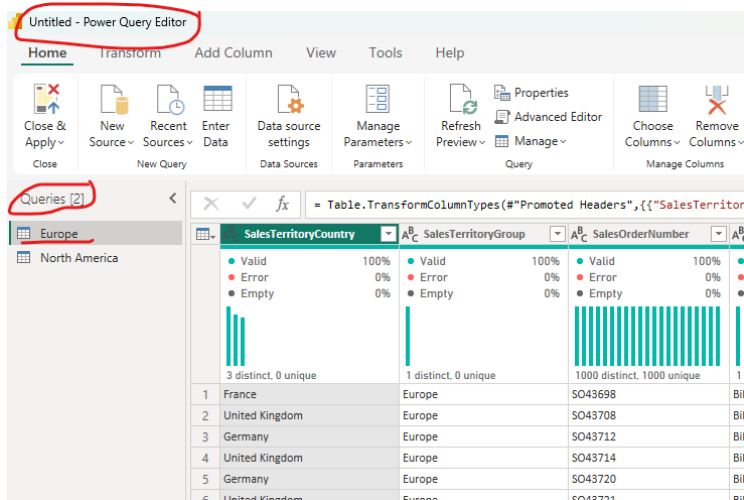

d) Import the sales-North America Excel file.

e) In the Navigator window, select North America, and click on Transform Data to open in Power Query Editor.
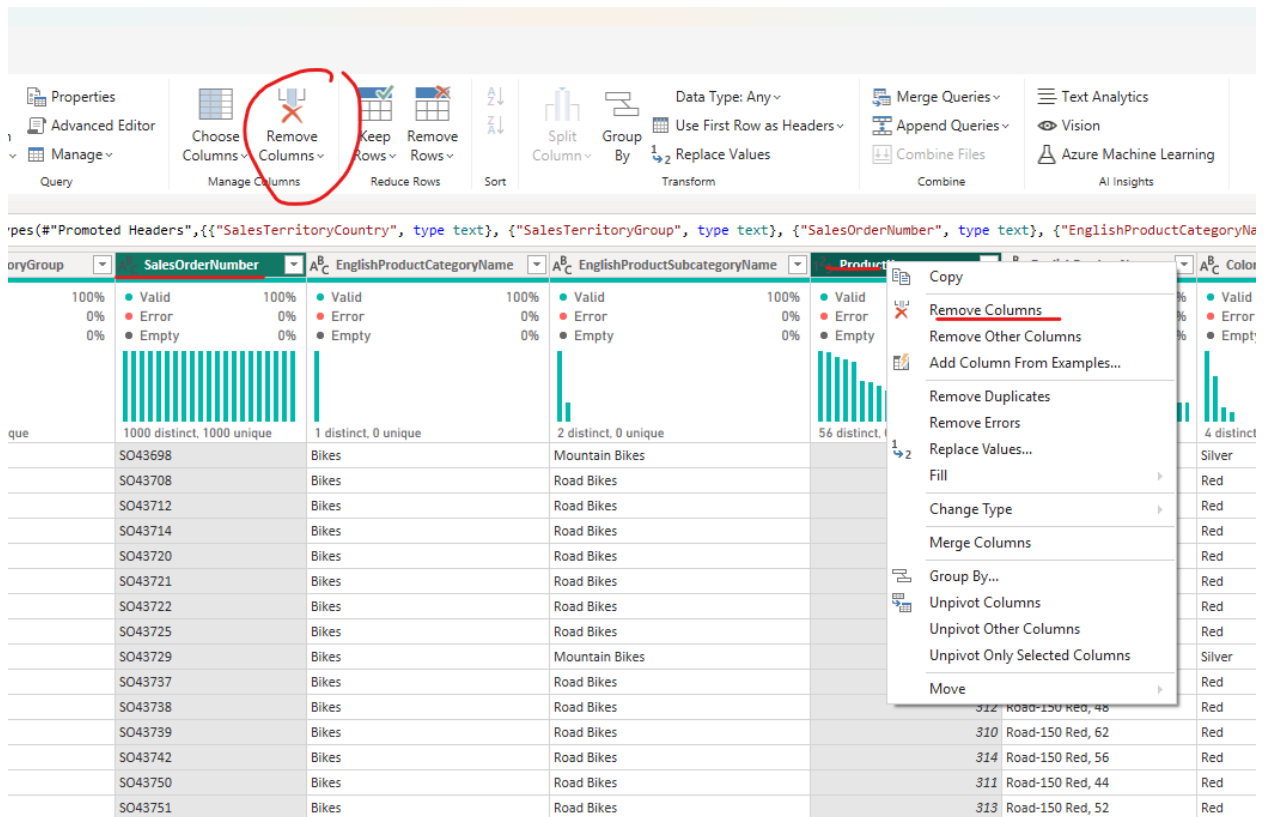

Shaping and Combining Data:

a) In the Queries pane, click on Europe to display the data in the preview mode.
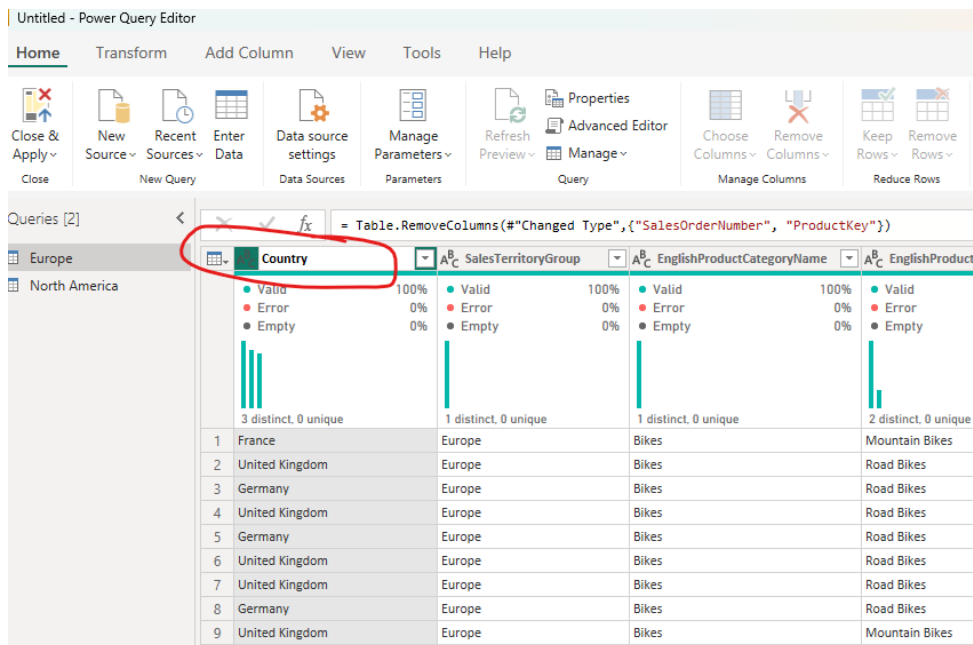
b) Remove ProductKey and SalesOrderNumber columns.

c) Rename the SalesTerritoryCountry column to Country.

d) Rename the SalesTerritoryGroup column to Sales Territory.

e) Rename the EnglishProductCategoryName to Main Category.

f) Rename the EnglishProductSubcategoryName column to Sub Category.

g) Rename EnglishProductName to Product.

Formula bar: `= Table.RenameColumns(#"Removed Columns",{{"EnglishProductCategoryName", "Main Category"}, {"SalesTerritoryGr`

	Country	Sales Territory	Main Category	Sub Category	Product	
	• Valid 100%	• Valid 100%	• Valid 100%	• Valid 100%	• Valid 100%	
	• Error 0%	• Error 0%	• Error 0%	• Error 0%	• Error 0%	
	• Empty 0%	• Empty 0%	• Empty 0%	• Empty 0%	• Empty 0%	
	3 distinct, 0 unique	1 distinct, 0 unique	1 distinct, 0 unique	2 distinct, 0 unique	44 distinct, 0 unique	
1	France	Europe	Bikes	Mountain Bikes	Mountain-100 Silver, 44	Si
2	United Kingdom	Europe	Bikes	Road Bikes	Road-650 Red, 52	Re
3	Germany	Europe	Bikes	Road Bikes	Road-150 Red, 44	Re
4	United Kingdom	Europe	Bikes	Road Bikes	Road-150 Red, 44	Re
5	Germany	Europe	Bikes	Road Bikes	Road-150 Red, 44	Re
6	United Kingdom	Europe	Bikes	Road Bikes	Road-150 Red, 62	Re
7	United Kingdom	Europe	Bikes	Road Bikes	Road-150 Red, 48	Re
8	Germany	Europe	Bikes	Road Bikes	Road-150 Red, 44	Re

h) Move the color column to the left.

Ribbon: New Source / Recent Sources / Enter Data / Data source settings / Manage Parameters / Refresh Preview / Manage / Choose Columns / Remove Columns / Keep Rows / Remove Rows / Split Column / Group By / Replace Values

New Query | Data Sources | Parameters | Query | Manage Columns | Reduce Rows | Sort | Transform

Formula bar: `= Table.RenameColumns(#"Removed Columns",{{"EnglishProductCategoryName", "Main Category"}, {"SalesTerritoryGroup", "Sales Territory`

	Color	Sales Territory	Main Category	Sub Category	Product	Color
pe		• Valid 100%	• Valid 100%	• Valid 100%	• Valid 100%	• Valid 100%
th America		• Error 0%	• Error 0%	• Error 0%	• Error 0%	• Error 0%
		• Empty 0%	• Empty 0%	• Empty 0%	• Empty 0%	• Empty 0%
		3 distinct, 0 unique	1 distinct, 0 unique	1 distinct, 0 unique	2 distinct, 0 unique	44 distinct, 0 unique	4 distinct, 0 unique
1	France	Europe	Bikes	Mountain Bikes	Mountain-100 Silver, 44	Silver
2	United Kingdom	Europe	Bikes	Road Bikes	Road-650 Red, 52	Red
3	Germany	Europe	Bikes	Road Bikes	Road-150 Red, 44	Red
4	United Kingdom	Europe	Bikes	Road Bikes	Road-150 Red, 44	Red
5	Germany	Europe	Bikes	Road Bikes	Road-150 Red, 44	Red
6	United Kingdom	Europe	Bikes	Road Bikes	Road-150 Red, 62	Red
7	United Kingdom	Europe	Bikes	Road Bikes	Road-150 Red, 48	Red
8	Germany	Europe	Bikes	Road Bikes	Road-150 Red, 44	Red
9	United Kingdom	Europe	Bikes	Mountain Bikes	Mountain-100 Silver, 44	Silver
10	Germany	Europe	Bikes	Road Bikes	Road-150 Red, 44	Red
11	France	Europe	Bikes	Road Bikes	Road-150 Red, 48	Red
12	United Kingdom	Europe	Bikes	Road Bikes	Road-150 Red, 62	Red
13	United Kingdom	Europe	Bikes	Road Bikes	Road-150 Red, 56	Red
14	France	Europe	Bikes	Road Bikes	Road-150 Red, 44	Red

i) In the Queries pane, click on North America.

j) Repeat Steps from 2 to 8.

k) Append Europe and North America tables.

l) Import the country code.xlsx.

m) Merge the country code query with Europe.

n) Get the country code from the merged column, and move it to the beginning of the table.

o) Rename the Code column to Country Code.

p) Save the file as Shaping and Combining Data.