Module 7: Direct Connectivity

Lab: Direct connectivity

Exercise 1: Direct connections in Power BI

Task 1: Prepare the lab environment

Lab environment is already setup.

Task 2: Direct connectivity from the Power BI Desktop

1. On the Taskbar, click **Power BI Desktop**.

2. To close the getting started window, at the top-right of the window, click **X**.

3. In the **Power BI Desktop** window, click **Get data**.

4. In the **Get Data** dialog box, click **SQL Server**, and then click **Connect**.

5. In the **SQL Server database** window, in the **Server** box, type the URL of the server **localhost** .

6. In the **Database (optional)** box, type **AdventureWorksLT**.

7. Under **Data Connectivity mode**, click **DirectQuery**, and then click **OK**.

SQL Server database

Server ⓘ

localhost

Database (optional)

AdventureWorksLT

Data Connectivity mode ⓘ
○ Import
◉ DirectQuery

> Advanced options

OK   Cancel

8. In the **Navigator** dialog box, select the **SalesLT.Product** and **SalesLT.SalesOrderDetail** check boxes, and then click **Load**.

Navigator

Display Options ▾

▲ ▪ localhost: AdventureWorksLT [18]
  ☐ SalesLT.vGetAllCategories
  ☐ SalesLT.vProductAndDescription
  ☐ SalesLT.vProductModelCatalogDescription
  ☐ BuildVersion
  ☐ ErrorLog
  ☐ SalesLT.Address
  ☐ SalesLT.Customer
  ☐ SalesLT.CustomerAddress
  ☑ SalesLT.Product
  ☐ SalesLT.ProductCategory
  ☐ SalesLT.ProductDescription
  ☐ SalesLT.ProductModel
  ☐ SalesLT.ProductModelProductDescription
  ☑ SalesLT.SalesOrderDetail
  ☐ SalesLT.SalesOrderHeader
  ☐ ƒx ufnGetAllCategories
  ☐ ƒx ufnGetCustomerInformation
  ☐ ƒx ufnGetSalesOrderStatusText

SalesLT.SalesOrderDetail

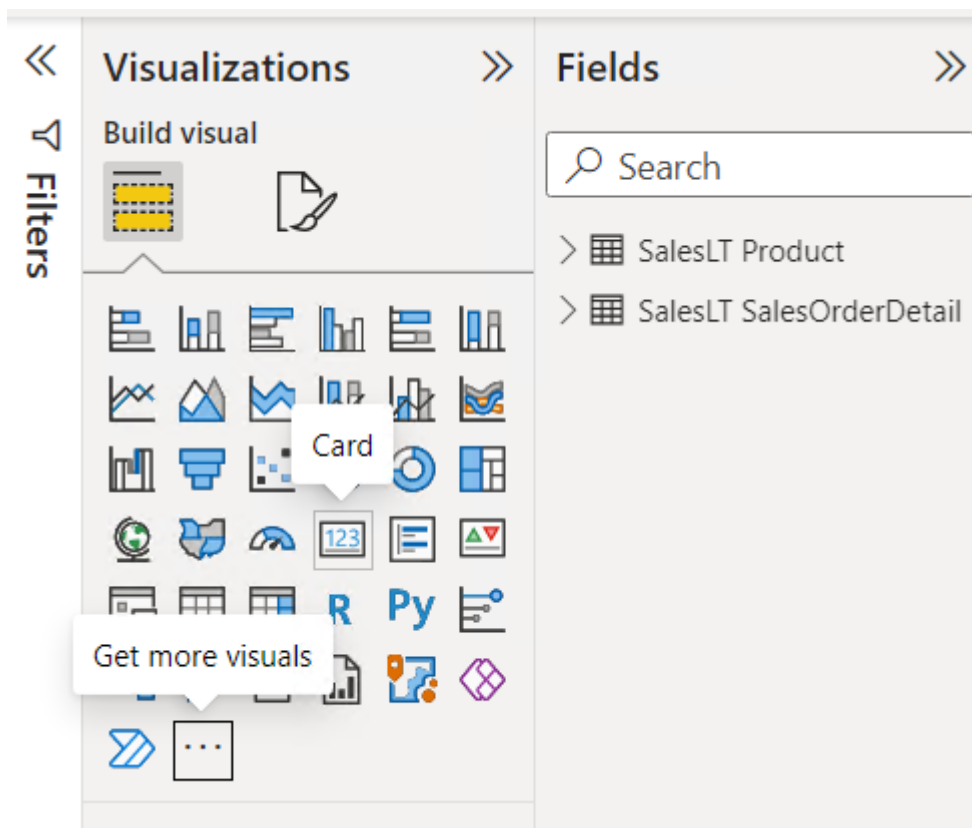| SalesOrderID	SalesOrderDetailID	OrderQty	ProductID	UnitPrice	U
71774	110562	1	836	356.9(	
71774	110563	1	822	356.9(	
71776	110567	1	907	63.9(	
71780	110616	4	905	218.4!	
71780	110617	2	983	461.6!	
71780	110618	6	988	113.0(	
71780	110619	2	748	818.7(	
71780	110620	1	990	323.9!	
71780	110621	1	926	149.8.	
71780	110622	1	743	809.7(	
71780	110623	4	782	1,376.9!	
71780	110624	2	918	158.4.	
71780	110625	4	780	1,391.9!	
71780	110626	1	937	48.5!	
71780	110627	6	867	41.9!	
71780	110628	1	985	113.0(	
71780	110629	2	989	323.9!	
71780	110630	3	991	323.9!	
71780	110631	1	992	323.9!	
71780	110632	2	993	323.9!	
71780	110633	2	984	113.0(	
71780	110634	3	986	113.0(	
71780	110635	3	987	113.0(	

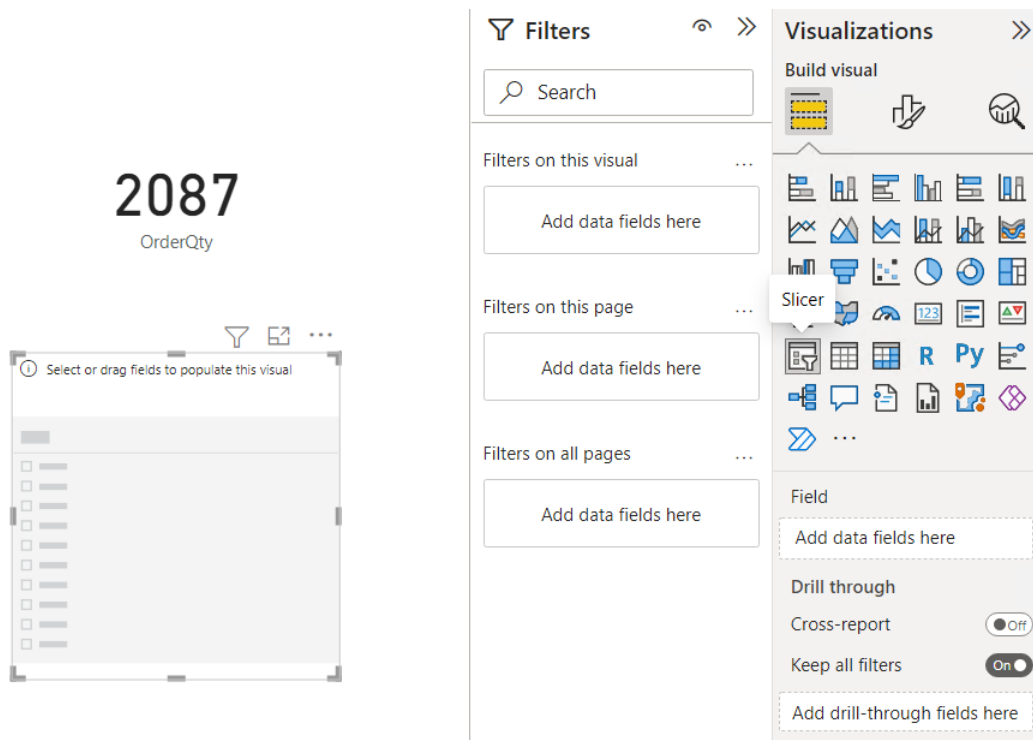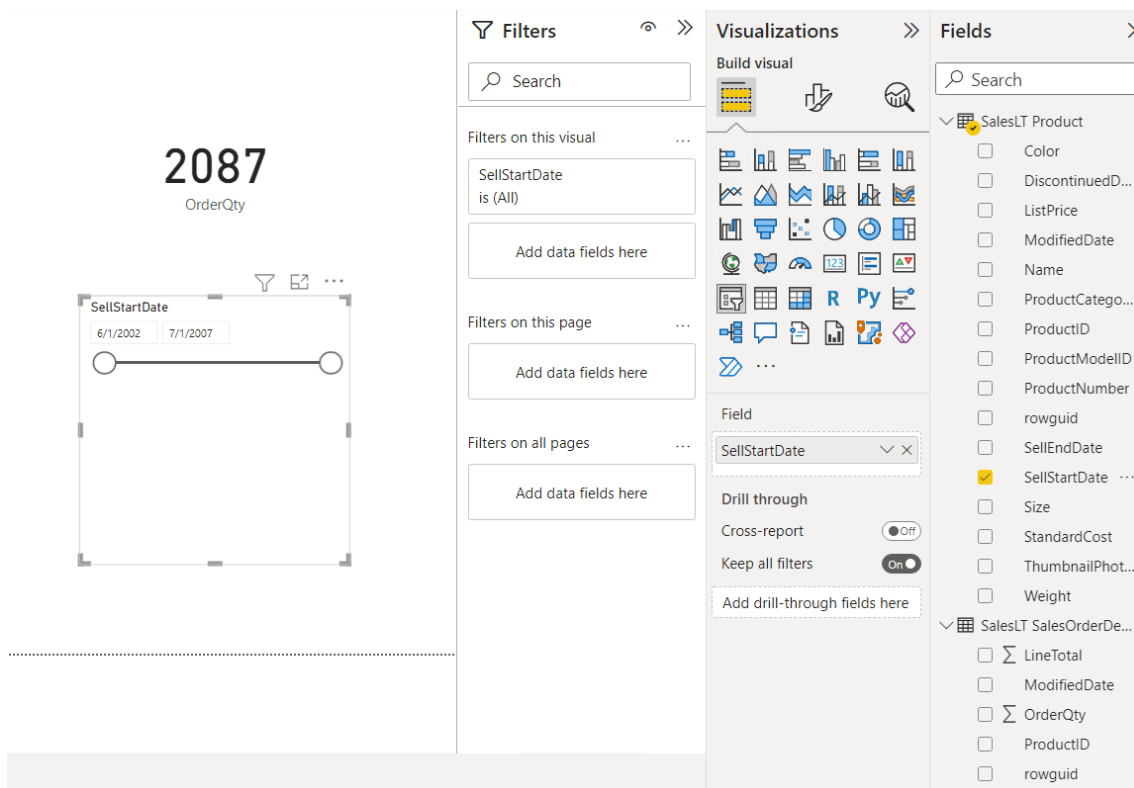Select Related Tables   Load   Transform Data   Cancel

9. In the **Visualizations** pane, click the **Card** icon.

10. In the **Fields** pane, expand the **SalesLT SalesOrderDetail** table, and drag the **OrderQty** field to the chart.

11. Click the canvas, to ensure that the Card chart is not active.

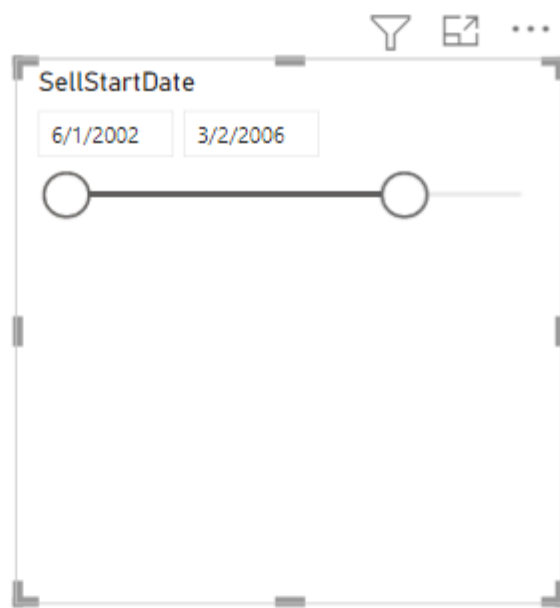12. In the **Visualizations** pane, click the **Slicer** icon.

13. In the **Fields** pane, expand the **SalesLT Product** table, and drag the **SellStartDate** field to the chart.

14. Drag the slider bar to reduce the date range, and verify that the **OrderQty** value changes.

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OrderQty

15. On the **File** menu, click **Save**.

16. In the **Save As** dialog box, go to the **Desktop\power-bi-quickstart\Labfiles\Lab07\Starter** folder, in the **File name** box, type **Sales Orders**, and then click **Save**.