

Module 7: Direct Connectivity

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Lab: Direct connectivity

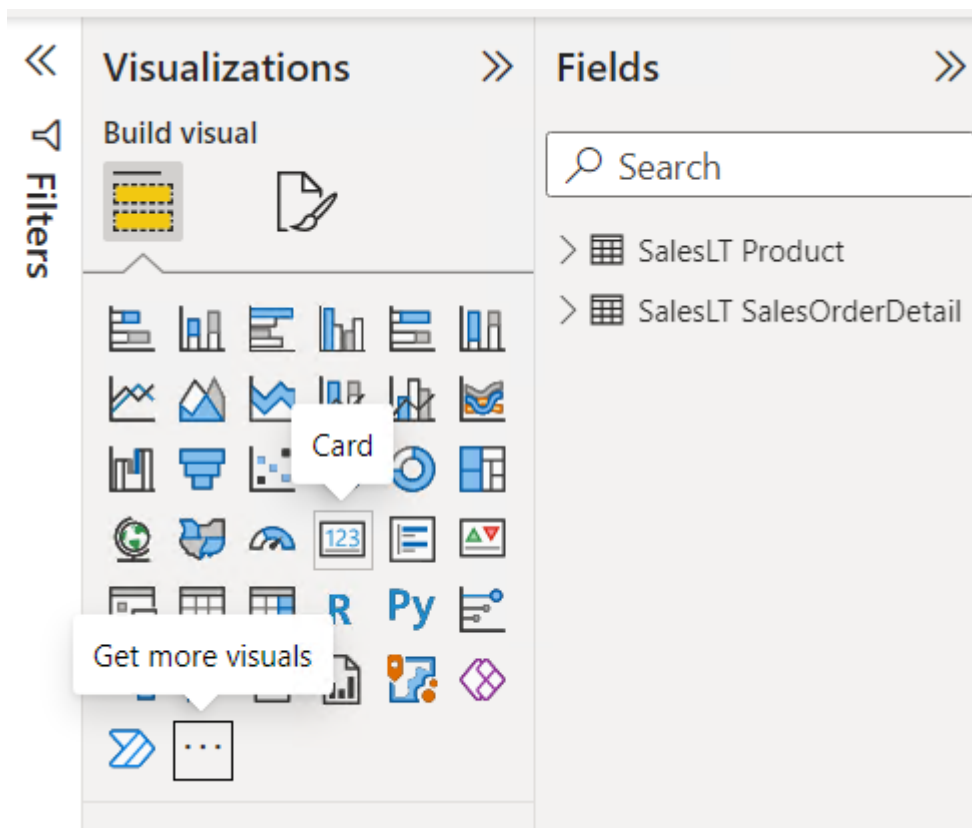
Exercise 1: Direct connections in Power BI

Task 1: Prepare the lab environment

1. Ensure that you have copied all folders from `Desktop/power-bi-quickstart` folder into `*D:*` drive before starting the lab.
2. In File Explorer, in the **D:\Labfiles\Lab07\Starter** folder, right-click **Setup.cmd**, and then click **Run as administrator**.
3. In the **User Account Control** dialog box, click **Yes**.
4. If prompted to continue this operation, type **Y**, and then press Enter.
5. When the script completes, press any key to close the window.

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**.
8. In the **Navigator** dialog box, select the **SalesLT.Product** and **SalesLT.SalesOrderDetail** check boxes, and then click **Load**.
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.
15. On the **File** menu, click **Save**.
16. In the **Save As** dialog box, go to the **D:\Labfiles\Lab07\Starter** folder, in the **File name** box, type **Sales Orders**, and then click **Save**.