**Using Databases in SQL Database as a Power BI Data Source**

**Demonstration Steps**

Import Data from Tables in a Database in Azure SQL Database

1. On the taskbar, click **Power BI Desktop**.
2. In the **Power BI Desktop** window, click **Get Data**.
3. In the **Get Data** dialog box, click **SQL Database**, and then click **Connect**.
4. **Server** : localhost or system Name
5. In the **Database (optional)** box, type **AdventureWorks**, and then click **OK**.
6. then click **Connect**.
7. In the **Navigator** dialog box, select **Sales.Customer**, **Sales.SalesOrderDetail**, and **Sales.SalesOrderHeader**, and then click **Load**.
8. In the **Fields** pane, notice that the three tables have been added. When the report is published to the Power BI service, the tables are combined into a single dataset.

View Relationships Between the Tables

1. In the menu on the left, click **Relationships**, and then increase the size of the **Sales SalesOrderDetail**, **Sales SalesOrderHeader**, and **Sales Customer** tables to display all columns.
2. Position the cursor on the relationship arrow between **Sales SalesOrderDetail** and **Sales SalesOrderHeader**. Notice that the related columns are highlighted.
3. Position the cursor on the relationship arrow between **Sales SalesOrderHeader** and **Sales Customer**. Point out that the related columns are highlighted.
4. In the menu on the left, click **Report** to return to the report canvas.
5. In the **Fields** pane, expand **Sales Customer**, and drag the **CompanyName** field onto the canvas to create a table.
6. In the **Fields** pane, expand from **Sales SalesOrderDetail**, and drag the **LineTotal** field onto the **Customers** table on the report.
7. In the **Visualizations** pane, click **Stacked column chart**.
8. Drag the right edge of the chart to stretch it across the report and display the customers in full.
9. In the **Visualizations** pane, click **Format**, expand **Title**, and then rename the chart **Line Total by Company Name**.
10. Click on the canvas, and then drag the **CompanyName** field from **Sales Customer** onto the canvas to create a table below the chart.
11. Drag the **OrderQty** field from **Sales SalesOrderDetail** onto the **Customers** table on the report.
12. In the **Visualizations** pane, click **Stacked column chart**.
13. Drag the right edge of the chart to stretch it across the report and display the customers in full.
14. In the **Visualizations** pane, click **Format**, expand **Title**, and then rename the chart **Order Quantity by Company Name**.
15. Expand **Data colors**, and then select a different color from the **Default color** selector.
16. Click on the canvas, drag the **CompanyName** field from **Sales Customer** onto **Page level filters**.
17. Close Power BI without saving your changes.