**Creating a Report with Power BI Desktop**

**Demonstration Steps**

Create a Report with Power BI Desktop

1. Ensure the **MT17B-WS2016-NAT**, **20778B-MIA-DC** and **20778B-MIA-SQL** virtual machines are running, log on to **20778B-MIA-SQL** as **ADVENTUREWORKS\Student** with the password **Pa55w.rd**.
2. Run **D:\Demofiles\Mod02\Setup.cmd** as an Administrator, when prompted click **Yes**, type **Y**, and then press Enter.
3. When the script completes, press any key to close the window.
4. Start SQL Server Management Studio and connect to the **MIA-SQL** database engine instance using Windows authentication.
5. Open the **Demo.ssmssln** solution in the **D:\Demofiles\Mod02\Demo** folder.
6. In Solution Explorer, expand **Queries**, then open the **1 - Power BI.sql** script file.
7. On the taskbar, click **Power BI Desktop**.
8. In the **Power BI Desktop** window, click **Get data**.
9. In the **Get Data** dialog box, click **Azure SQL Database**, and then click **Connect**.
10. In the SQL Server Database window, in the **Server** box, type the URL of the Azure server <Server Name>.database.windows.net (where <Server Name> is the name of the server you created), and in the **Database** box, type **AdventureWorksLT**.
11. Expand **Advanced options**.
12. In SQL Server Management Studio, copy the **1 - Power BI.sql** query.
13. In the Power BI Desktop, paste the query into the **SQL statement (optional, requires database)** box, and then click **OK**.
14. In the **SQL Server database** window, click **Database**.
15. In the **Username** box, type **Student**.
16. In the **Password** box, type **Pa55w.rd**, and then click **Connect**.
17. The data preview window will appear, click **Load**.
18. If the **Connection Settings** window opens, leave **Import** selected, and click **OK**.
19. In the **Visualizations** pane, click **Stacked column chart**.
20. In the **Fields** pane, under **Query1**, select **ProductName** and **TotalSales**. The chart will auto populate. Expand the chart control to horizontally show the full names of the products.
21. In the **Visualizations** pane, click **Format**.
22. Expand **Title**, and change the **Title Text** value to **Top 10 Selling Products**.
23. Next to **Alignment**, click the **center** icon.
24. Toggle **Data labels** to be **On**.
25. Expand the **Data colors** list, and choose another color to change the bars on the chart.
26. On the **File** menu, click **Save As**. Name the report **Adventure Works Sales**, and save to the **D:\Demofiles\Mod02\Demo** folder.
27. Leave Power BI Desktop and the report open for the next demonstration.