

Demonstration on Creating a Report with Power BI Desktop

In this demonstration, you will see how to:

- Create a new report in Power BI Desktop.
- Connect to the AdventureWorksLT Azure SQL Database.
- Add a chart to the report using AdventureWorksLT data.

Demonstration Steps:

Create a Report with Power BI Desktop

1. Ensure the MSL-TMG1, 20778A-MIA-DC and 20778A-MIA-SQL virtual machines are running, log on to 20778A-MIA-SQL as ADVENTUREWORKS\Student with the password Pa\$\$w0rd.
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, 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 Microsoft 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 Pa\$\$w0rd, 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.