

Module 2: Introducing Power BI

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Lesson 1: Power BI

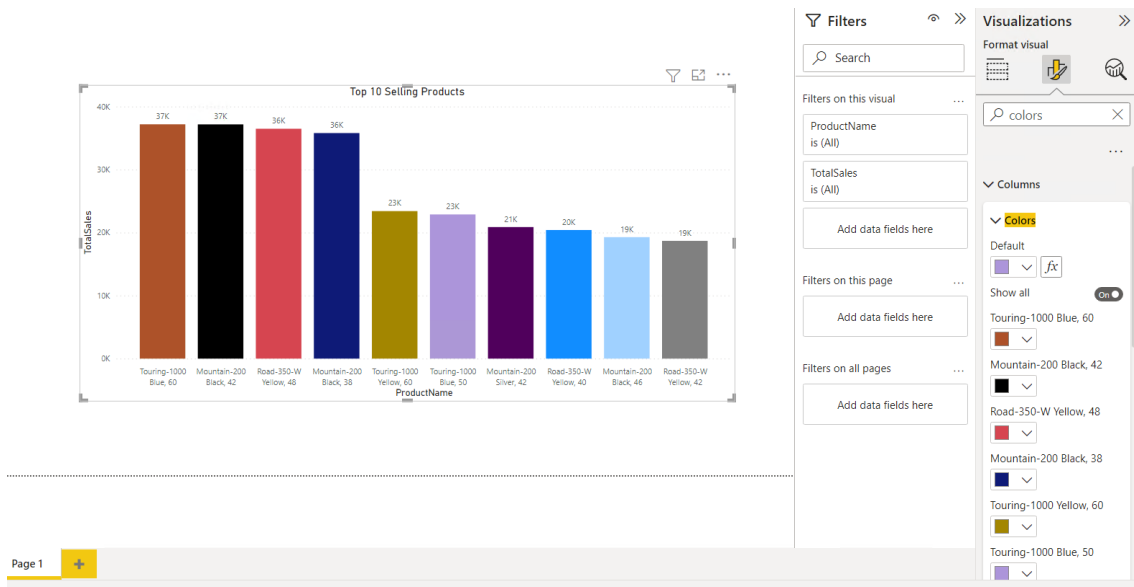
Demo 1: Creating a Report with Power BI Desktop

1. Ensure that you have copied all folders from `Desktop/power-bi-quickstart` folder into `*D:*` drive before starting the lab.
2. Open the `D:\Demofiles\Mod02` folder.
3. Run `Setup.cmd` as **Administrator**.
4. Optionally if prompted to continue this operation, type **Y**, and then press Enter.
5. When the script completes, press any key to close the window.
6. Start **Microsoft SQL Server Management Studio 18**, and connect to the **localhost** database engine instance using Windows authentication.
7. Open the `Demo.ssmsln` solution in the `D:\Demofiles\Mod02\Demo` folder.
8. In Solution Explorer, expand **Queries**, and then open the `1 - Power BI.sql` script file.
9. On the Taskbar, click **Power BI Desktop**.
10. To close the getting started window, at the top-right of the window, click **X**.
11. In the **Power BI Desktop** window, click **Get data**.
12. In the **Get Data** dialog box, click **SQL Server**, and then click **Connect**.
13. In the **SQL Server database** window, in the **Server** box, type the URL of the server **localhost**, and in the **Database (optional)** box, type **AdventureWorksLT**.
14. Expand **Advanced options**.
15. In SQL Server Management Studio, copy the `1 - Power BI.sql` query to the clipboard.
16. In the Power BI Desktop, in the **SQL statement (optional, requires database)** box, paste the query, and then click **OK**.
17. In the data preview window, click **Load**.
18. If the **Connection Settings** window appears, leave **Import** selected, and then click **OK**.
19. In the **VISUALIZATIONS** pane, click **Stacked column chart**.
20. In the **FIELDS** pane, under **Query1**, select the **ProductName** and **TotalSales** check boxes. 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 **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 2**, and save to the **D:\Demofiles\Mod02\Demo** folder.