

Demonstration on Using Applied Steps

In this demonstration, you will see how to:

- Add transformations to a query, and see the steps in Applied Steps.
- Rename steps in the Applied Steps list.
- See the steps reflected in Advanced Editor.
- Delete steps, and change the source table in the Navigation step.

Demonstration Steps:

Create a Report with Power BI Desktop

1. If it is not already running, start the MSL-TMG1, 20778A-MIA-DC and 20778A-MIA-SQL virtual machines, log on to 20778A-MIA-SQL as ADVENTUREWORKS\Student with the password Pa\$\$w0rd.
2. On the taskbar, click Power BI Desktop.
3. In the Power BI Desktop window, click Get Data.
4. In the Get Data dialog box, click Microsoft Azure SQL Database, and then click Connect.
5. 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, and then click OK.
6. In the SQL Server database dialog box, click Database.
7. In the Username box, type Student, in the Password box type Pa\$\$w0rd, and then click Connect.
8. In the Navigator window, select SalesLT.SalesOrderDetail, and click Edit.
9. On the Ribbon, in the Query group, click Advanced Editor. The window opens to display the query code. Note that no transformations have been applied yet. Click Cancel.
10. Right-click the SalesOrderDetailID column, and click Remove.
11. In the Applied Steps list, right-click Removed Columns, and click Rename. Type Removed SalesOrderDetailID, and then press Enter.
12. In the center pane, right-click the OrderQty column, and click Rename. Type OrderQuantity, and then press Enter.
13. In the Applied Steps list, right-click Renamed Columns, and click Rename. Type Renamed OrderQty, and then press Enter.
14. In the center pane, click the rowguid column, and with the Ctrl key held down, click ModifiedDate.
15. Right-click either of the column headings, and then click Remove Columns.
16. In the Applied Steps list, right-click Removed Columns, and click Rename. Type Removed rowguid and ModifiedDate, and then press Enter.
17. On the Ribbon, in the Query group, click Advanced Editor. The window opens to display the query code. Note that the transformations have been added, and they are in the same order as the list of Applied Steps. Click Cancel.

- 18.** In the Applied Steps list, right-click Removed rowguid and ModifiedDate, and click Move Up.
- 19.** In the Applied Steps list, click the delete icon next to Removed SalesOrderDetailID.
- 20.** In the Delete Step dialog box, click Delete. The SalesOrderDetailID column reappears in the table.
- 21.** In the Applied Steps list, click the gear icon next to Navigation.
- 22.** In the Navigation window, select SalesLT.SalesOrderHeader, and click OK. Note that the data preview has been updated with the SalesLT.SalesOrderHeader data. Also note the warning icon under Queries [1].
- 23.** In the Applied Steps list, click the delete icon next to Removed rowguid and ModifiedDate.
- 24.** In the Delete Step dialog box, click Delete.
- 25.** In the Applied Steps list, click the delete icon next to Renamed OrderQty.
- 26.** Note that the warning is no longer displayed.
- 27.** On the Ribbon, in the Query group, click Advanced Editor. The window opens to display the query code. Note that the transformations have been removed, and the source table has been changed. Click Cancel.
- 28.** On the Ribbon, click Close & Apply to return to Power BI Desktop.
- 29.** Leave Power BI Desktop open for the next demonstration.