Using Applied Steps

**Demonstration Steps**

1. If it is not already running, start the **MT17B-WS2016-NAT**, **20778B-MIA-DC** and **20778B-MIA-SQL** virtual machines, log on to **20778B-MIA-SQL** as **ADVENTUREWORKS\Student** with the password **Pa55w.rd**.
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 **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 (optional)** box, type **AdventureWorksLT**, and then click **OK**.
6. If the **SQL Server database** dialog box appears, click **Database.** In the **Username** box, type **Student**, in the **Password** box type **Pa55w.rd**, and then click **Connect**.
7. In the **Navigator** window, select **SalesLT.SalesOrderDetail**, and click **Edit**.
8. 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**.
9. Right-click the **SalesOrderDetailID** column, and click **Remove**.
10. In the **Applied Steps** list, right-click **Removed** **Columns**, and click **Rename**. Type **Removed SalesOrderDetailID**, and then press Enter.
11. In the center pane, right-click the **OrderQty** column, and click **Rename**. Type **OrderQuantity**, and then press Enter.

In the **Applied Steps** list, right-click **Renamed Columns**, and click **Rename**. Type **Renamed OrderQty**, and then press Enter.

1. In the center pane, click the **rowguid** column, and with the Ctrl key held down, click **ModifiedDate**.
2. Right-click either of the column headings, and then click **Remove Columns**.
3. In the **Applied Steps** list, right-click **Removed Columns**, and click **Rename**. Type **Removed rowguid and ModifiedDate**, and then press Enter.
4. 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**.
5. In the **Applied Steps** list, right-click **Removed rowguid and ModifiedDate**, and click **Move Up**.
6. In the **Applied Steps** list, click the **delete** icon next to **Removed SalesOrderDetailID**.
7. In the **Delete Step** dialog box, click **Delete**. The **SalesOrderDetailID** column reappears in the table.
8. In the **Applied Steps** list, click the **gear** icon next to **Navigation**.
9. 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]**.
10. In the **Applied Steps** list, click the **delete** icon next to **Removed rowguid and ModifiedDate**.
11. In the **Delete Step** dialog box, click **Delete**.
12. In the **Applied Steps** list, click the **delete** icon next to **Renamed OrderQty**.
13. Note that the warning is no longer displayed.
14. 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**.
15. On the Ribbon, click **Close & Apply** to return to Power BI Desktop.
16. Leave Power BI Desktop open for the next demonstration.