

1. What is the purpose of the "Applied Steps" pane in Power Query?

The Applied Steps pane is a non-destructive audit trail that records every single transformation performed on the data source. It allows users to view, modify, reorder, or delete any step in the data preparation process.

2. How do you remove duplicate rows in Power Query?

Select the column(s) that define the duplicate row, **right-click** on the header, and select **"Remove Duplicates."** This keeps the first occurrence of a unique row and removes all subsequent matches.

3. What does the "Filter" icon do in Power Query?

The **"Filter" icon** (a small arrow or funnel) in the column header allows you to **sort** the data and apply various **filters** (by specific value or conditional logic like "Greater Than," "Starts With," etc.) to limit which rows are displayed.

4. How would you rename a column from "CustID" to "CustomerID"?

Double-click the column header labeled "CustID" and type the new name, **"CustomerID,"** then press Enter. (Alternatively, right-click and select "Rename.")

5. What happens if you click "Close & Apply" in Power Query?

Clicking "Close & Apply" in the Power Query Editor triggers three essential sequential actions, finalizing your data preparation and making the clean data available for visualization in Power BI Desktop.

- Saves Transformations (Saves M Code). All the cleaning, shaping, and modeling steps you created in the Applied Steps pane for every query are permanently saved as M code (the Power Query language) within your Power BI Desktop file (.pbix).

- Executes M Code and Loads Data. Power BI executes all the saved M code, running the entire transformation process against the original data sources. It then loads the resulting, cleaned tables into the Power BI Data Model.

- Closes the Editor. The separate Power Query Editor window closes, returning you to the main Power BI Desktop interface (Report, Data, or Model view) where you can begin creating visuals.