

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

The purpose of "Applied Steps" pane in Power Query is to track any changes a user makes (like a stack) to a query and undo them if necessary

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

To remove duplicate rows in Power Query, Home > Remove rows > Remove Duplicates

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

It filters a query based on a specific condition that a column meets, such as = , <, >, <=, >= etc.

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

I'd double left click on the column header, which will allow me make changes to the column name, and type the new name for the column

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

All changes made to queries in Power Query will be applied and the queries will be available in Power BI Desktop to make visualizations.

6. Remove all rows where Quantity is less than 2.

```
Table.SelectRows("#Changed Type1", each [Quantity] > 1)
```

7. Split the OrderDate column into separate "Year," "Month," and "Day" columns.

```
"Split Column by Delimiter" =  
Table.SplitColumn(Table.TransformColumnTypes("#Filtered Rows",  
{{"OrderDate", type text}}, "ru-RU"), "OrderDate",  
Splitter.SplitTextByDelimiter(".", QuoteStyle.Csv), {"OrderDate.1",  
"OrderDate.2", "OrderDate.3"}),  
  
"Renamed Columns" = Table.RenameColumns("#Split Column by  
Delimiter",{{"OrderDate.1", "Day"}, {"OrderDate.2", "Month"},  
{"OrderDate.3", "Year"}})
```

8. Replace all "Mouse" entries in the Product column with "Computer Mouse."

```
Table.ReplaceValue("#Renamed Columns","Mouse","Computer Mouse",Replacer.ReplaceText,{"Product"})
```

9. Sort the table by OrderDate (newest first).

```
Table.Sort("#Replaced Value",{"OrderDate", Order.Descending})
```

10. How would you handle null values in the Price column?

```
Table.ReplaceValue("#Sorted Rows",null,0,Replacer.ReplaceValue,{"Price"})
```

I'd replace them with 0

11. Write custom M-code to add a column calculating TotalSpent = Quantity * Price.

```
Table.AddColumn("#Replaced Value1", "TotalSpent", each [Quantity] * [Price])
```

12. Group the table by CustID to show total spending per customer.

```
Table.Group("#Added Custom", {"CustID"}, {"TotalSpentPerCustomer", each List.Sum([TotalSpent]), type number})
```

13. Fix inconsistent date formats (e.g., 01/10/2023 vs. 2023-01-10) in OrderDate.

```
try Date.FromText([SaleDate]) otherwise
```

```
try Date.From(Date.FromText(Text.Replace([SaleDate], "-", "/"))) otherwise
```

```
try Date.From(Date.FromText(Text.Replace([SaleDate], ".", "/"))) otherwise null
```

14. Create a conditional column: Label orders as "High Value" if Price > 100.

```
Table.AddColumn("#Changed Type", "PriceGroup", each if [Price] > 100 then "High Value" else "Low Value")
```

15. Optimize the query to reduce refresh time (e.g., remove unused columns early).

Ok