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

1. **How do you remove duplicate rows in Power Query?**

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

1. **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.

1. **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

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

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

1. **Remove all rows where Quantity is less than 2.**

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

1. **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"}})

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

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

1. **Sort the table by OrderDate (newest first).**

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

1. **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

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

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

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

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

1. **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

1. **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")

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

Ok