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

Applied Steps demonstrates every changes which we made in Power Query Editor and we can delete the step(s) if we want, because we can't directly come back the steps with ctrl + z.

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

We can remove duplicate rows in several ways:

- 1. Clicking table icon on the top-left side of table → remove duplicates
- 2. In home, clicking remove rows in reduce rows section, and choose remove duplicates command

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

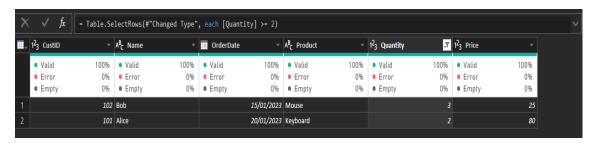
Filter icon gives chance to filter data in different ways including ascending, descending, or just drop data and keep others, and etc.

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

We can rename by just clicking two times column name and write new column name, or clicking right side of mouse and choose rename command.

5. What happens if you click "Close & Apply" in Power Query? Power Query is closed and transformed data is loaded.

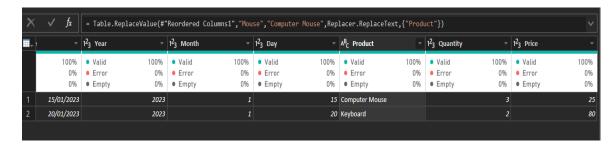
6. Remove all rows where Quantity is less than 2.



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



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



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

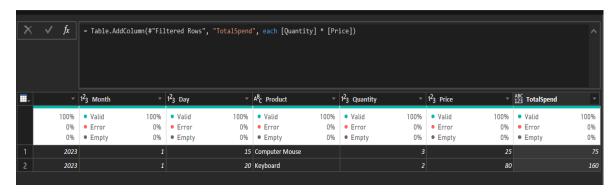


10. How would you handle null values in the Price column?

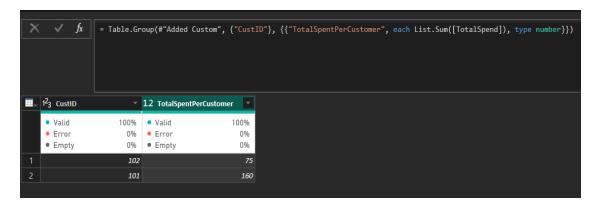
It usually depends on data and its type. For example, I change null values in text data with unknown, if it is number data type, I change usually with 0. And also there are many options average, median, or fill up and fill down, etc

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

Table.AddColumn(#"Filtered Rows", "TotalSpend", each [Quantity] * [Price])



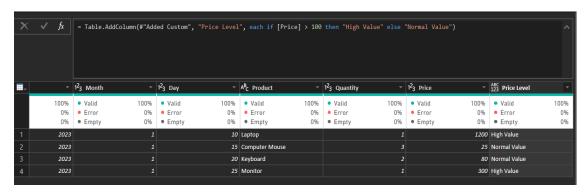
12. Group the table by CustID to show total spending per customer.



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



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



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

I removed Name column to optimize, because I have already customers name in other table

