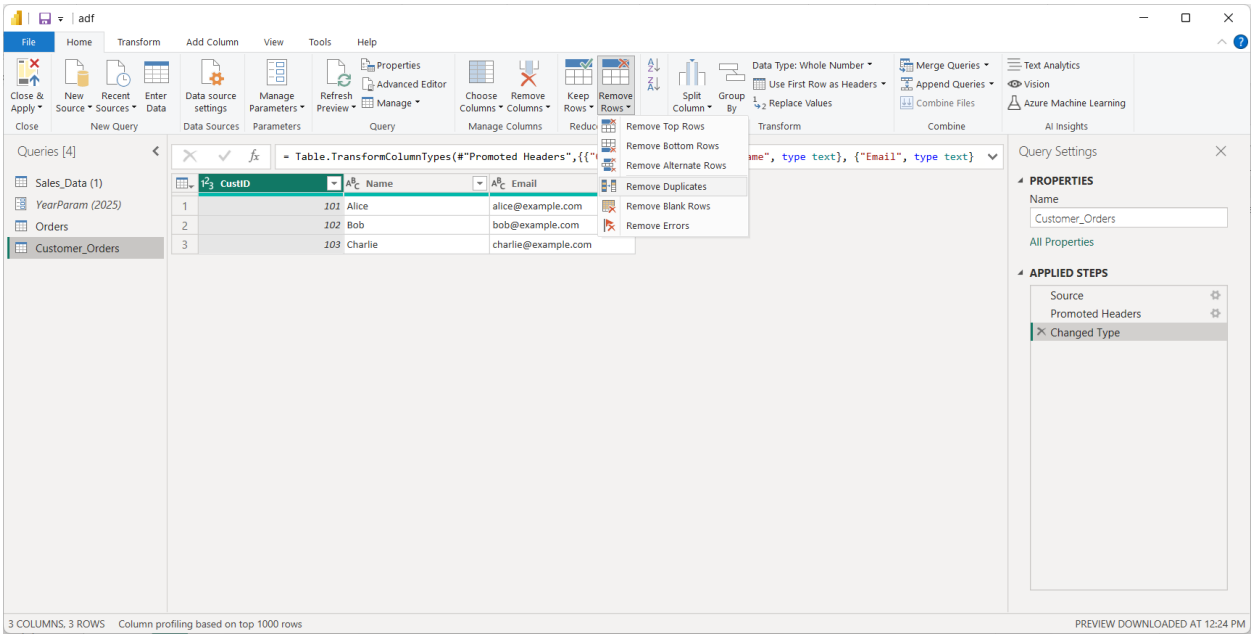
1. What is the purpose of the "Applied Steps" pane in Power Query?

   The ‘applied steps’ in Power Query serves as a record of all the transformations you have applied to your data. It displays a list of these steps in the order they were performed, allowing you to review, modify or remove individual steps to refine your data preparation process.

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



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

   The Filter icon in Power Query allows you to include or exclude specific rows based on column values. You can filter by text, numbers, dates, or conditions like "greater than" or "contains" to control which rows appear in your data.

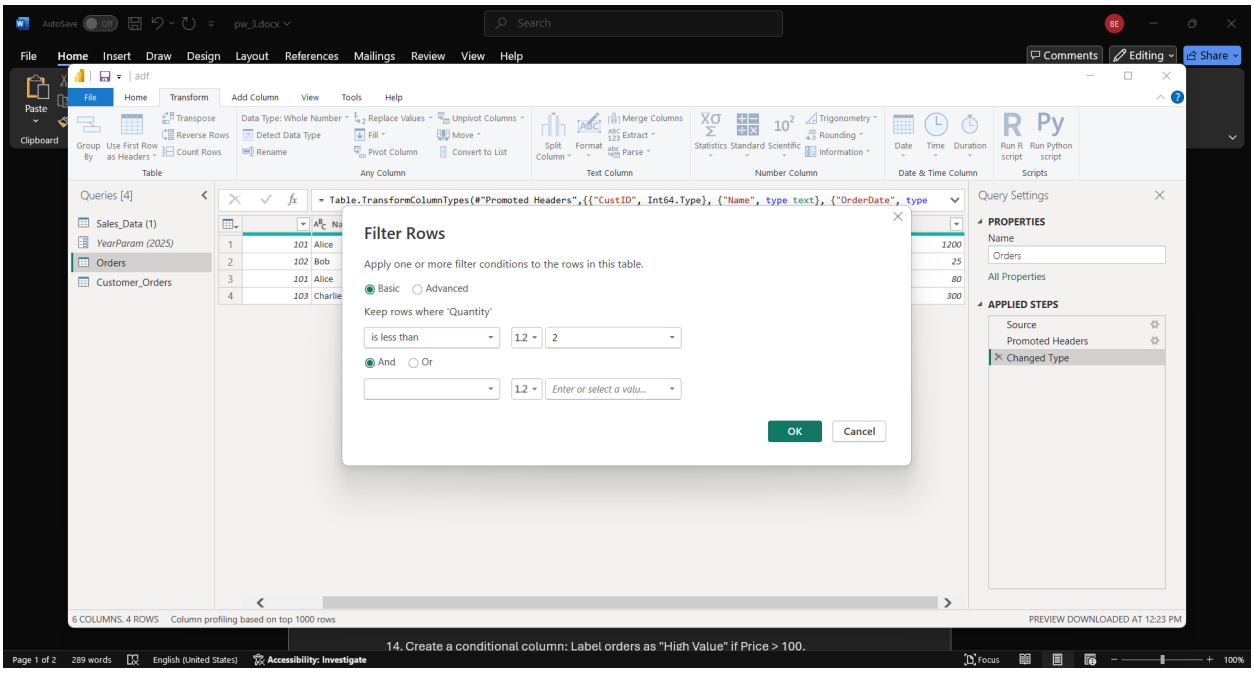
4. How would you rename a column from "CustID" to "CustomerID"?

   Just double click the name of the column and rename it

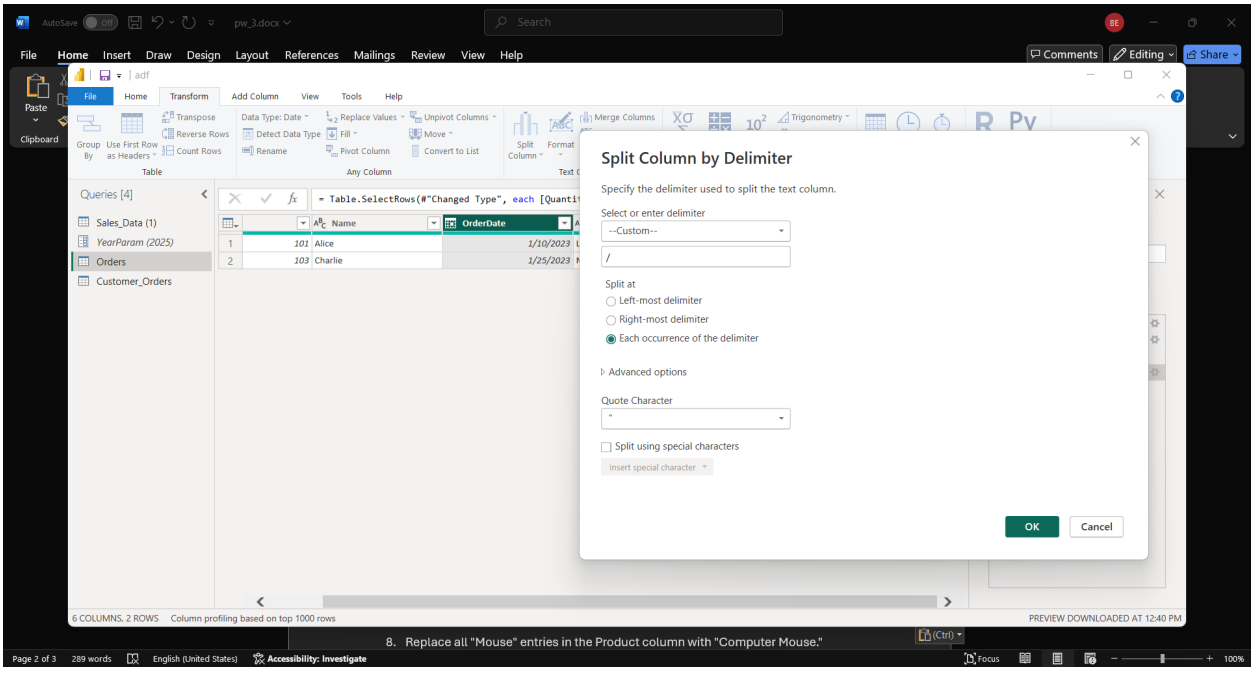
5. What happens if you click "Close & Apply" in Power Query?

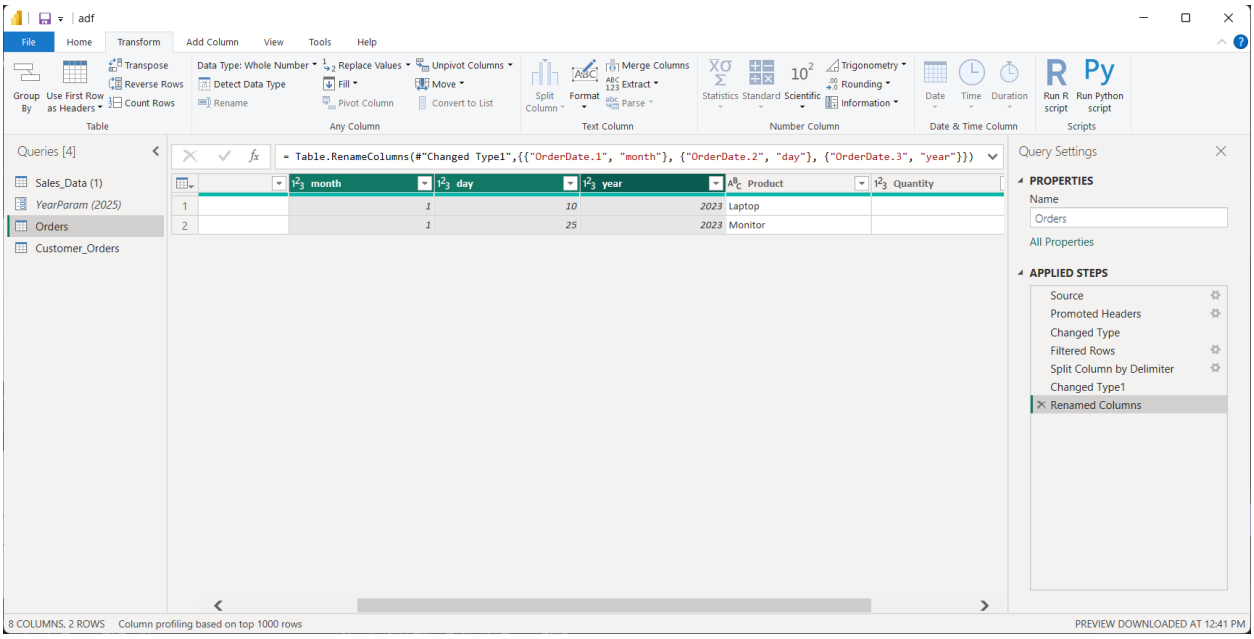
   It will close the Power Query page and apply on the transformations you make to the tables

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

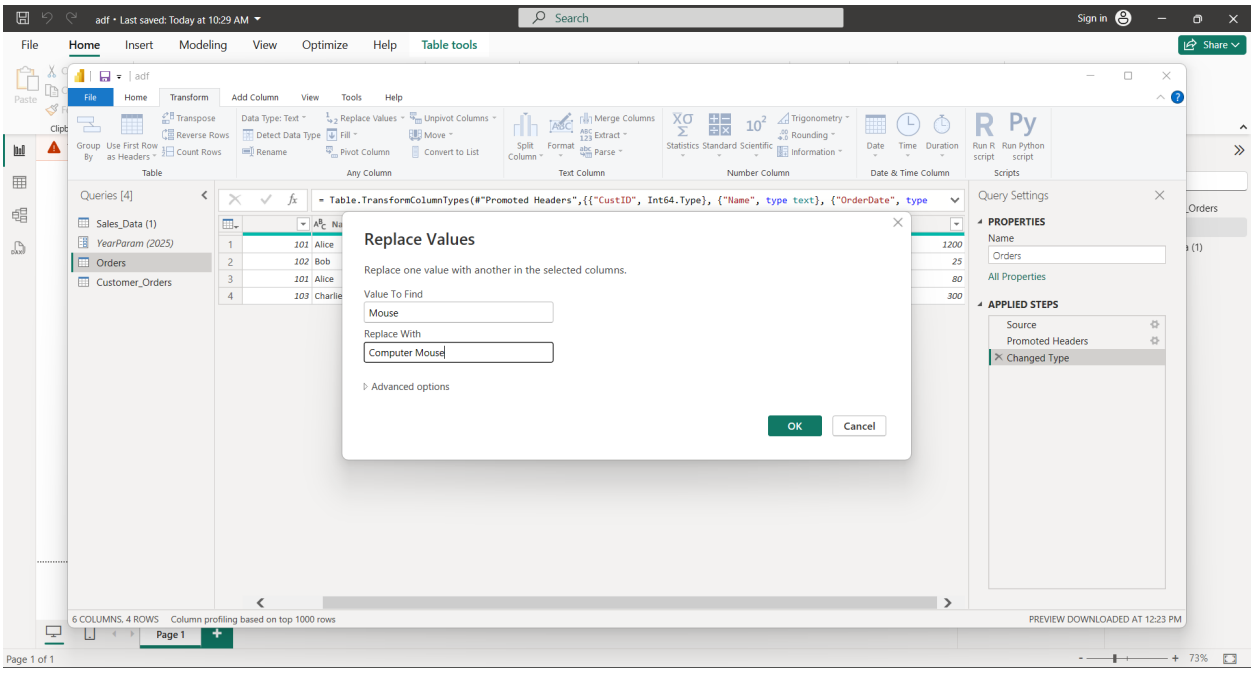


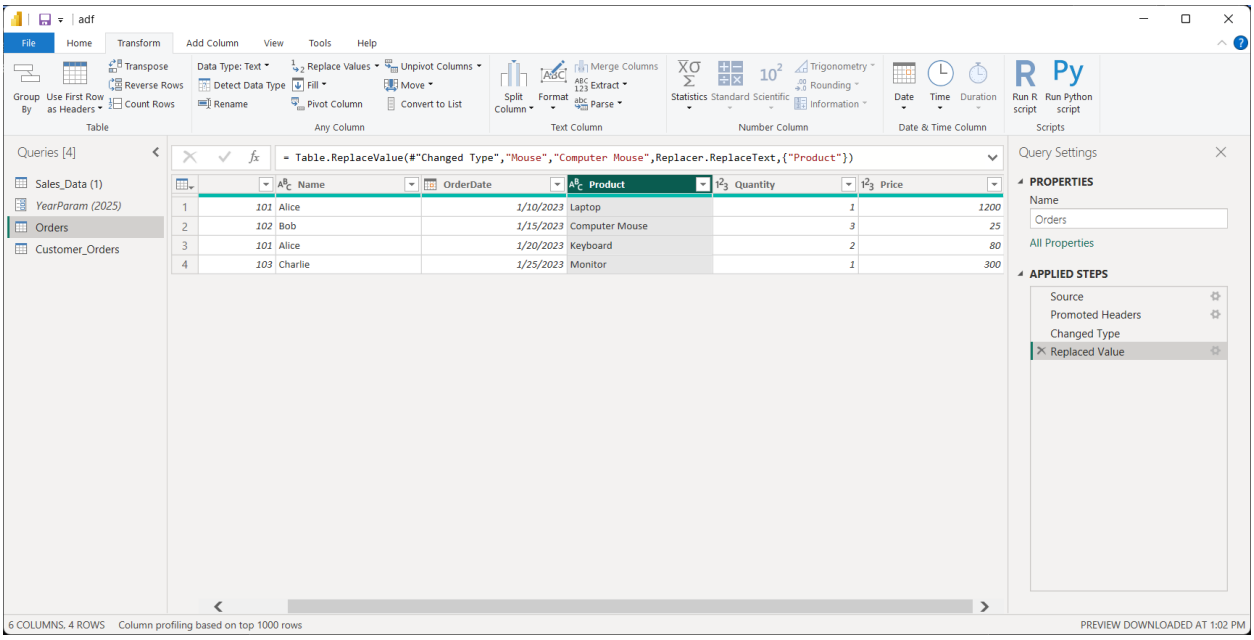
7. Split the OrderDate column into separate "Year," "Month," and "Day" columns.



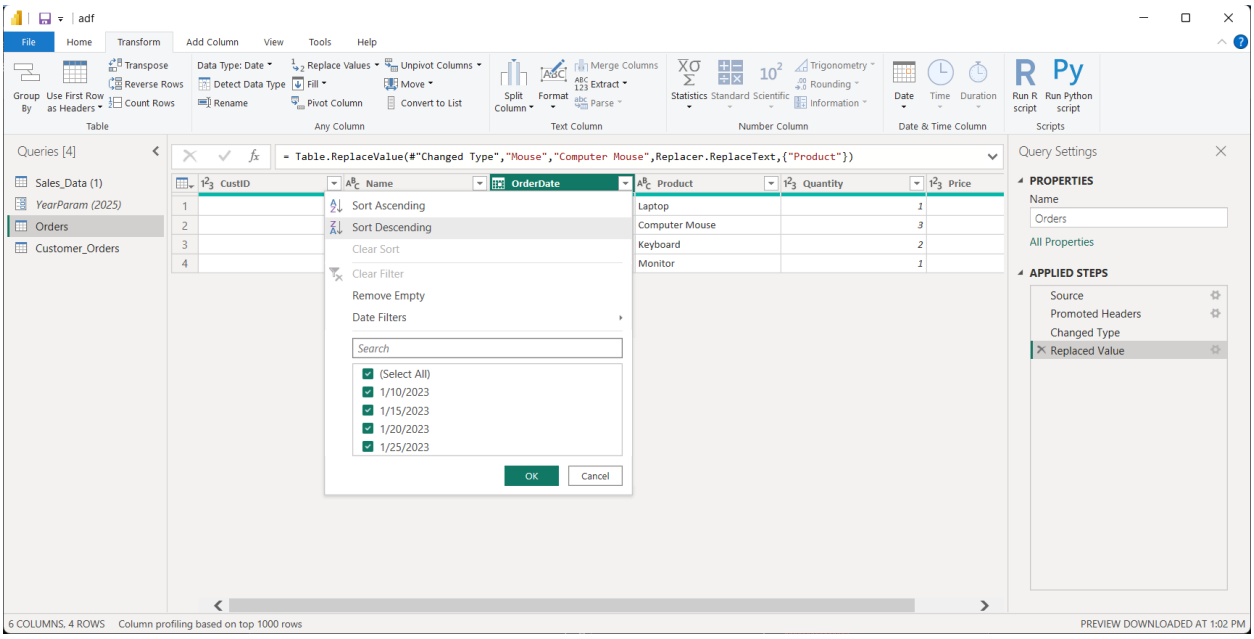


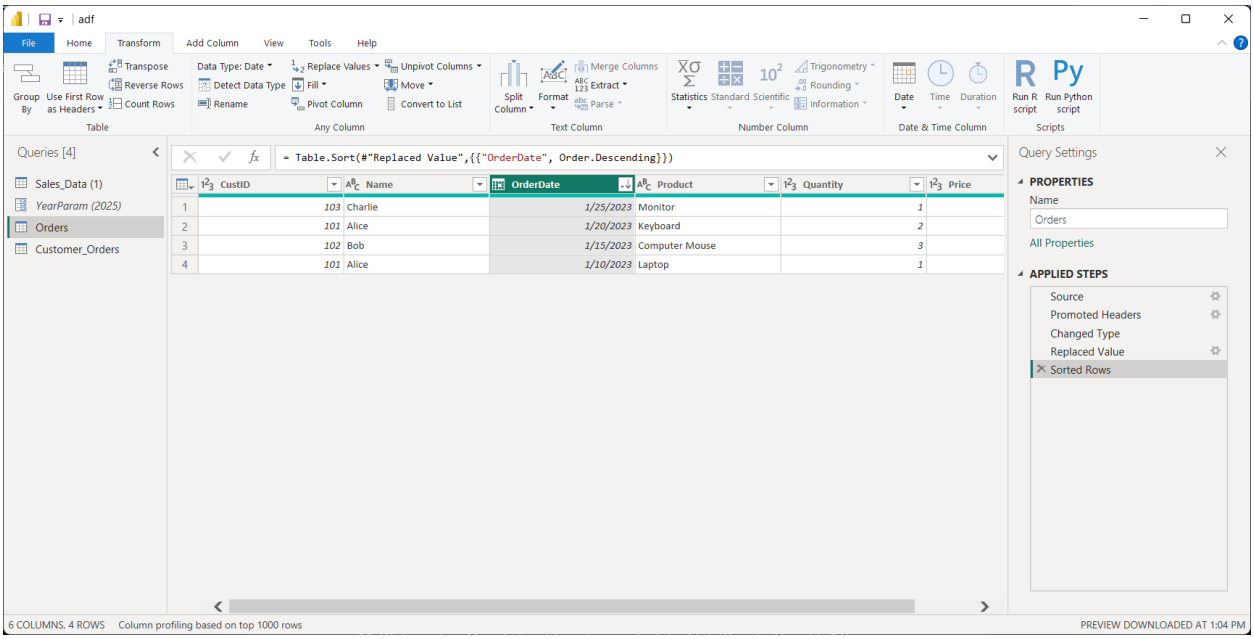
8. Replace all "Mouse" entries in the Product column with "Computer Mouse."





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

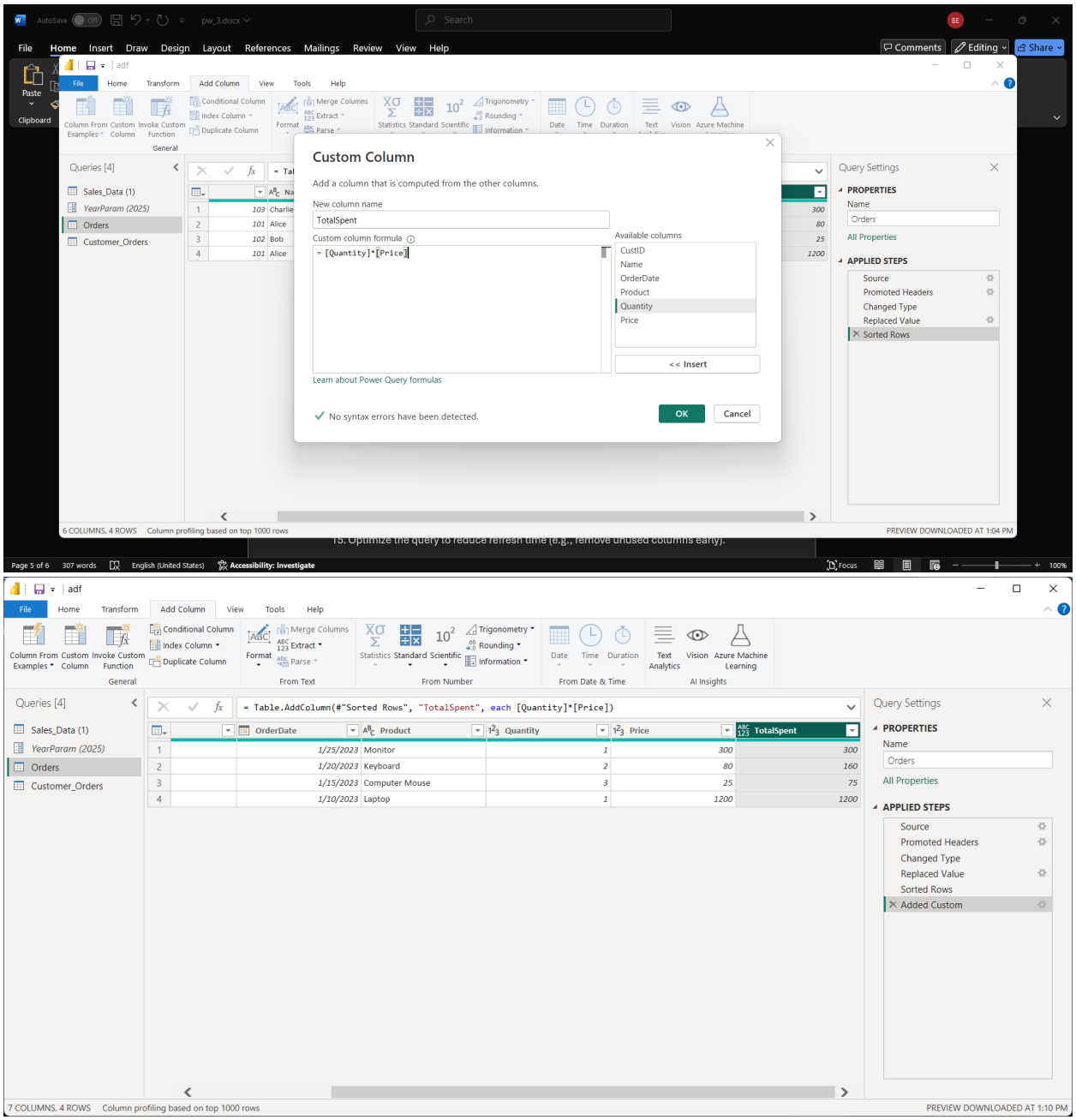




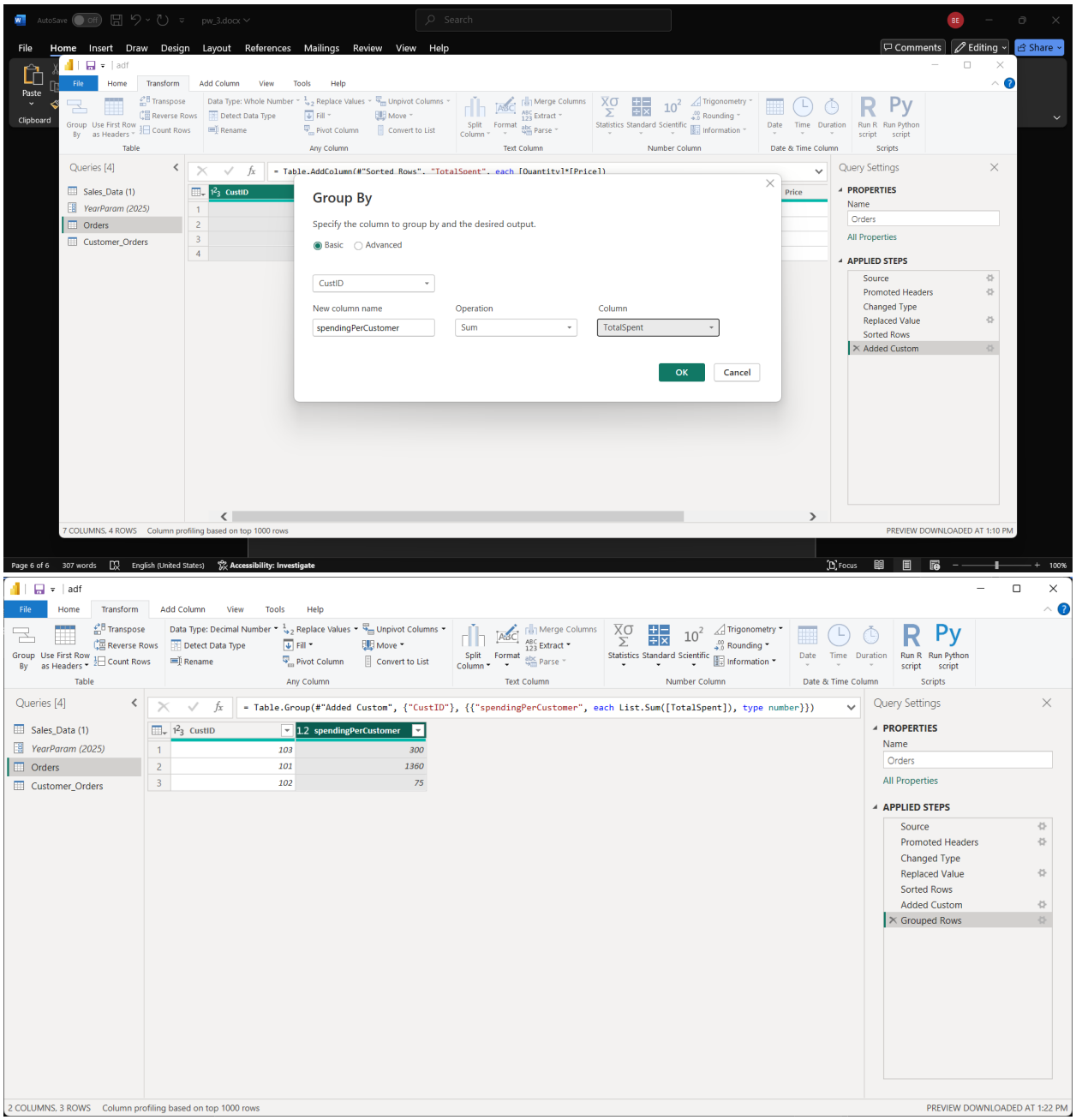
10. How would you handle null values in the Price column?

I will replace null to 0, or I can remove null values, it depends on what is asked

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



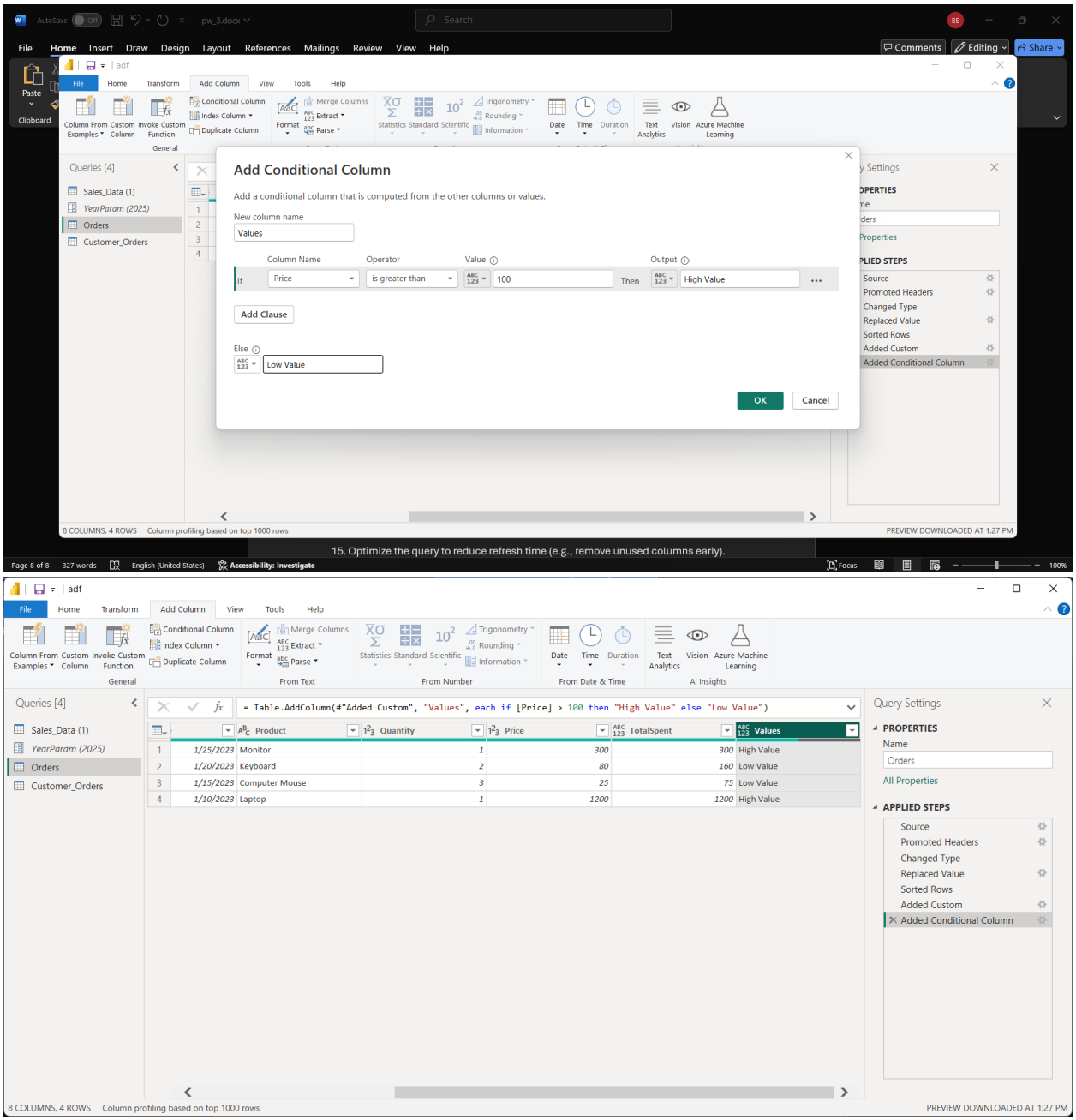
12. Group the table by CustID to show total spending per customer.



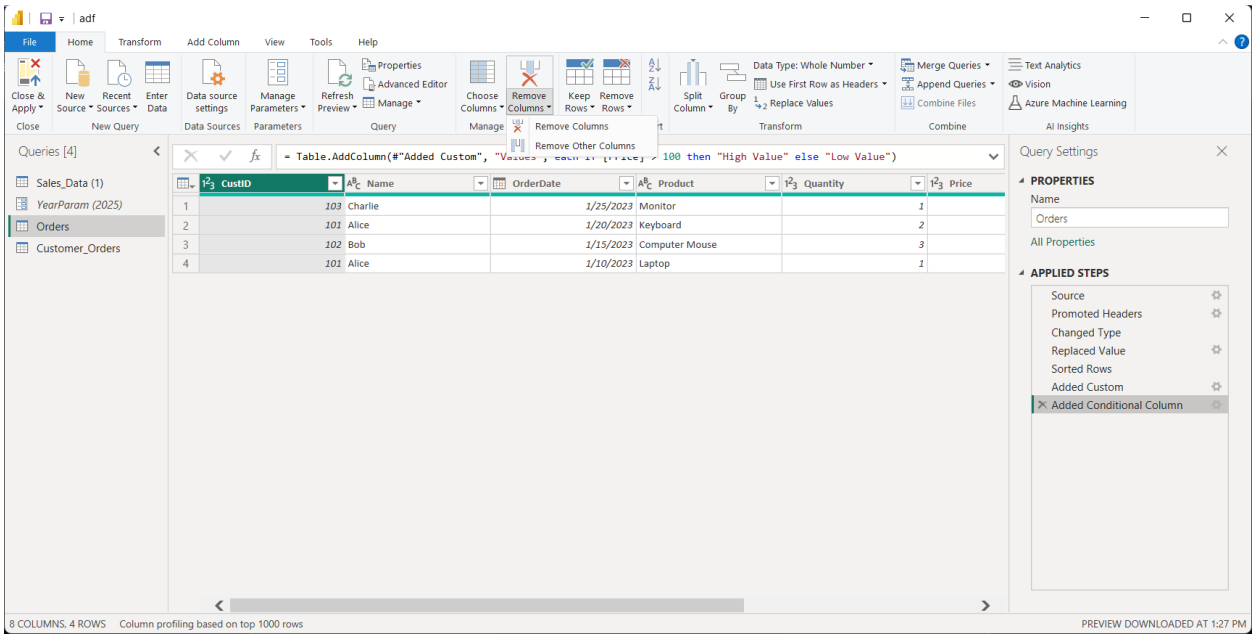
13. Fix inconsistent date formats (e.g., 01/10/2023 vs. 2023-01-10) in OrderDate.

In Power Query, select the OrderDate column → go to the Transform tab → click Data Type → choose Date.

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).


adf
File
Home
Transform
Add Column
View
Tools
Help
Close & Apply
New Source
Recent Sources
Enter Data
Data source settings
Manage Parameters
Refresh Preview
Properties
Advanced Editor
Manage
Choose Columns
Remove Columns
Keep Rows
Remove Rows
Remove Columns
Remove Other Columns
Split Column
Group By
Data Type: Whole Number
Use First Row as Headers
Replace Values
Merge Queries
Append Queries
Combine Files
Text Analytics
Vision
Azure Machine Learning
Close
New Query
Data Sources
Parameters
Query
Manage
Transform
Combine
AI Insights
Queries [4]
Sales_Data (1)
YearParam (2025)
Orders
Customer_Orders
= Table.AddColumn(#"Added Custom", "Values", each if [Price] > 100 then "High Value" else "Low Value")
CustID
Name
OrderDate
Product
Quantity
Price
1 103 Charlie 1/25/2023 Monitor 1
2 101 Alice 1/20/2023 Keyboard 2
3 102 Bob 1/15/2023 Computer Mouse 3
4 101 Alice 1/10/2023 Laptop 1
Query Settings
PROPERTIES
Name
Orders
All Properties
APPLIED STEPS
Source
Promoted Headers
Changed Type
Replaced Value
Sorted Rows
Added Custom
Added Conditional Column
8 COLUMNS, 4 ROWS
Column profiling based on top 1000 rows
PREVIEW DOWNLOADED AT 1:27 PM