🌟🌟🌟 Day 145 🌟🌟🌟
of Our Daily UiPath Q&A Challenge!

Welcome to Day 145 of our exciting UiPath Q&A Challenge! Each day, we'll be answering one key question to help you master UiPath and revolutionize your automation journey. 🚀

⛔ Question for Today

How do you apply filters to Excel data using UiPath?

✅ 1. Using Excel Activities (Visual Filter in Excel)

🔷 Use Filter Activity

This activity filters visible rows in Excel, like using Excel's built-in filter.

✔️ Steps:

1. Use Excel Application Scope.
2. Add a Filter activity inside.
3. Configure:
    - Range
    - Column
    - Configure Filter Options: Add your filtering logic like "Status" = "Approved".

✅ 2. Using Filter Data Table (Logical Filtering)

This filters data in memory, not in Excel directly.

✔️ Steps:

1. Use Read Range to get data into a DataTable.
2. Use Filter Data Table activity:
    - Input: Your DataTable
    - Filter: Choose column and condition
    - Output: Filtered DataTable
3. Use Write Range to save filtered data back to Excel.

✅ 3. Using LINQ (Advanced Filtering)

If you're comfortable with LINQ and need more complex conditions:

```
filteredDT = (From row In
originalDT.AsEnumerable()
        Where row("Amount").ToString <> ""
AndAlso CInt(row("Amount")) >
1000Select row).CopyToDataTable()
```

This allows you to filter with multiple and/or conditions dynamically.

✅ 4. Using VBA or Macros (Visual Filters with Complex Logic)

If you need:

- AutoFilter on non-table data
- Filters on multiple columns with complex conditions
- Preserve Excel formatting

Use Invoke VBA with macro code