

☆☆☆ Day 130 ☆☆☆

of Our Daily UiPath Q&A Challenge!

Welcome to Day 130 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

What is the difference between Excel  
activities and Workbook activities?

In UiPath, Excel activities and Workbook activities are both used to work with Excel files, but they differ mainly in dependency, features, and performance. Here's a clear comparison:

### ◆ **Excel Activities** ◆

- **Dependency:** Requires Microsoft Excel to be installed on the machine.
- **Package:** Comes from UiPath.Excel.Activities.
- **Supports Excel Scope:** Uses Excel Application Scope.
- **Features:**
  1. Can handle macros, charts, pivot tables.
  2. Supports interacting with visible Excel UI.
  3. Can automate clicks, formatting, filters, etc.
- **Performance:** Slightly slower due to UI interaction and Excel loading.
- **Best for:** Complex Excel files or when UI interaction is needed.

### ◆ **Workbook Activities** ◆

- **Dependency:** Does NOT require Excel to be installed.
- **Package:** Also from UiPath.Excel.Activities, but under “Workbook” category.
- **No Excel Scope needed:** Works directly on the file.
- **Features:**
  1. Limited to basic operations: Read/Write Cell or Range, Append Range, etc.
  2. Does not support macros, charts, or formulas evaluation.
  3. Faster and more lightweight.
- **Best for:** Working with simple data or in environments without Excel.

Feature	Excel Activities	Workbook Activities
Excel Installation Needed	✔ Yes	✗ No
Works with Macros/Charts	✔ Yes	✗ No
Uses Excel UI	✔ Yes	✗ No
Performance	🐢 Slower	⚡ Faster
Supports Visible Excel	✔ Yes	✗ No
Use Case	Complex, UI-based tasks	Simple data read/write