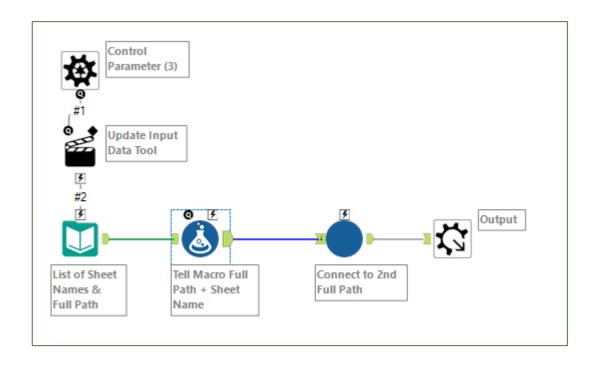
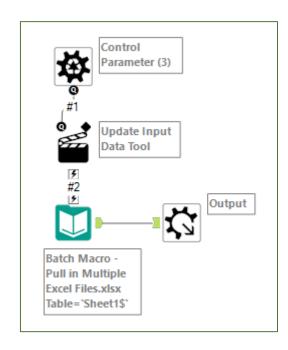
Project Spotlight: Dynamic Excel Input with Batch Macro

Presented by:

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Project Overview – Dynamic Excel Input with Batch Macro





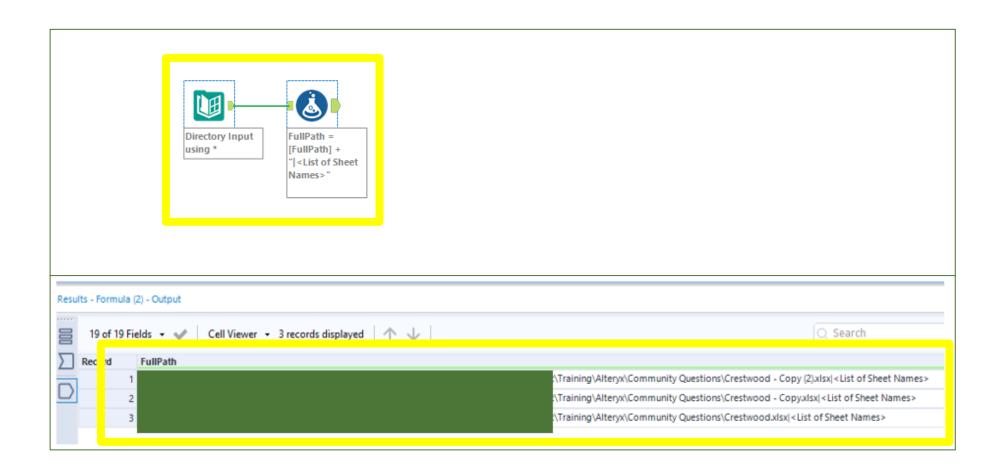
Use Case: Excel Dynamic Input with Batch Macro

- Your workflow requires input of:
 - Multiple Excel sheets with different schemas
 - different column headings/field names
 - Multiple Excel sheets with different sheet names
 - Options:
 - Directory Tool + Dynamic Input only works if sheet names are consistent
 - Input each file separately time consuming, and works best if sheet names are consistent
 - Solution?
 - **•BATCH MACRO!**

Batch Macro – Step by Step: Prepare Data

- Begin with **Directory Tool**
- Formula Tool
 - FullPath [FullPath] + "|<List of Sheet Names>"
- Filter out unnecessary files

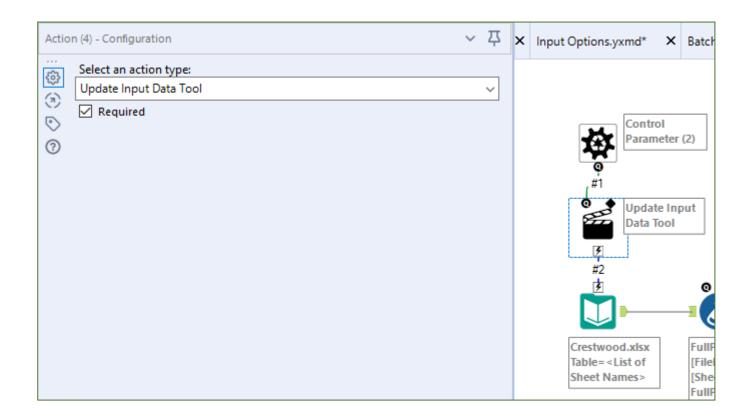
Batch Macro – Step by Step: Prepare Data



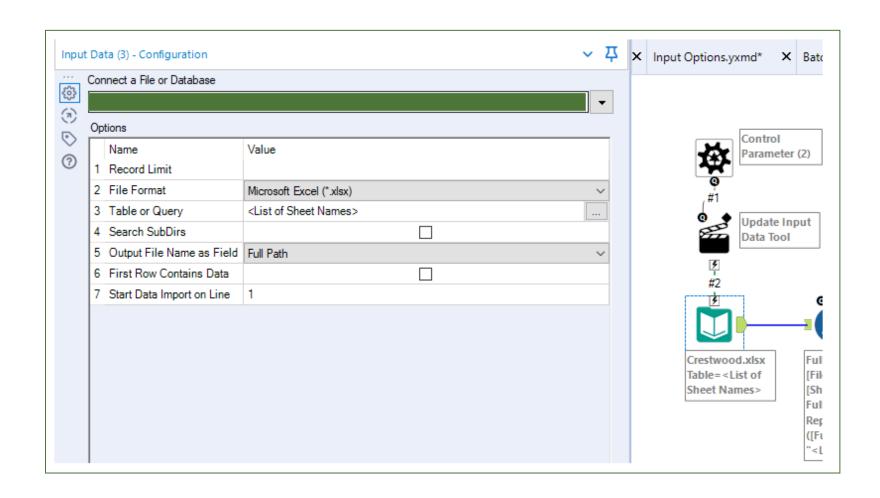
Batch Macro - Step by Step: Create Batch Macro pt. 1

- Control Parameter automatically adds Action Tool (keep default option) once connected to Input
- Input (Trainer) File
 - Bring in List of Sheet Names & Full Path
- Formula Tool
 - FullPath2 [FileName] + [Sheet Names]
 - FullPath2 Replace([FullPath2], "<List of Sheet Names>", "")
- Sort Sheet Names Descending / depends on your data needs
- Sample First 1 rows
- Batch Macro Pt. 2 & Output

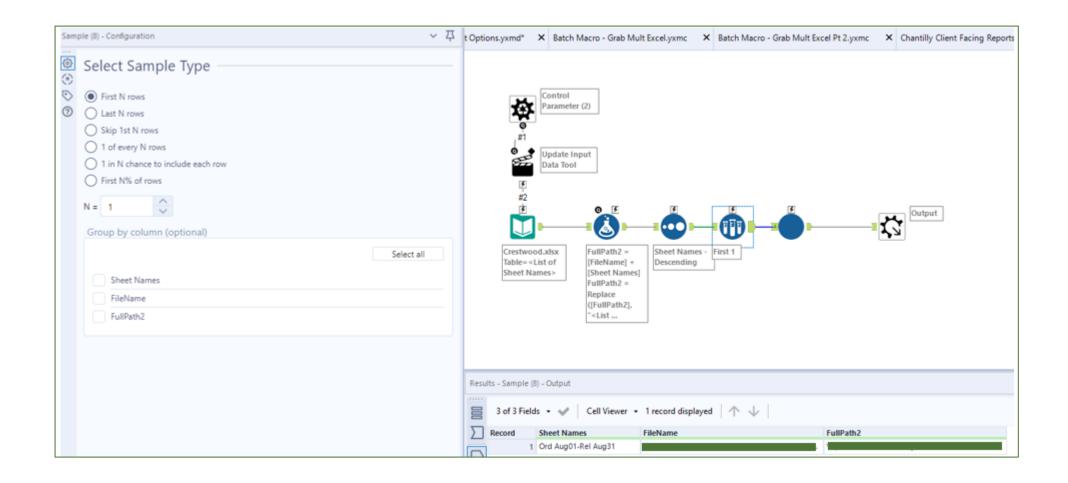
Batch Macro: Action Tool



Batch Macro: Input Data



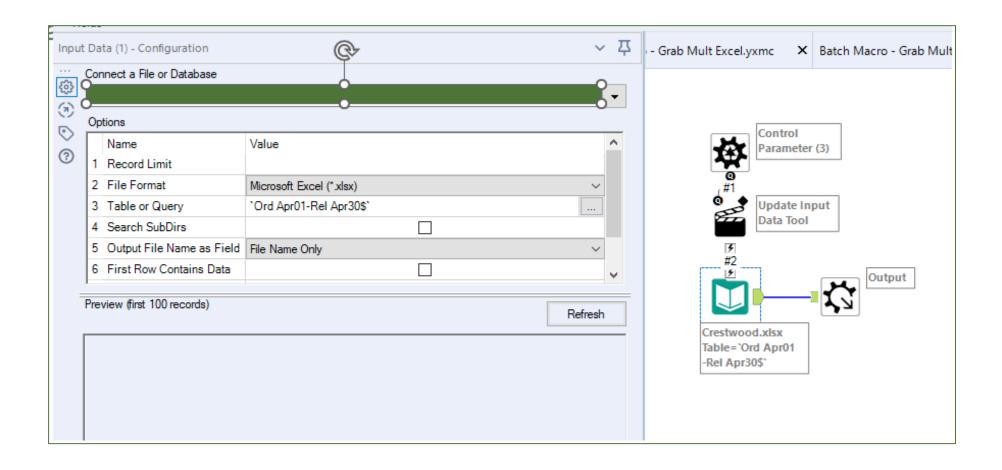
Overview: Batch Macro Pt. 1



Batch Macro - Step by Step: Create Batch Macro pt. 2

- Control Parameter automatically adds Action Tool (keep default option) once connected to Input
- Input (Trainer) File
 - Select a Sheet
 - Bring in File Name
- Output

Overview: Batch Macro Pt. 2



Batch Macro – Step by Step: Success!

Data will come out of Macro Output Anchor