



Introduction to Robotic Process Automation (RPA)

Order-to-Cash Process Case Individual Workshop 1

Adv. Advisory | ACCTG 528

MPAcc Class of 2025

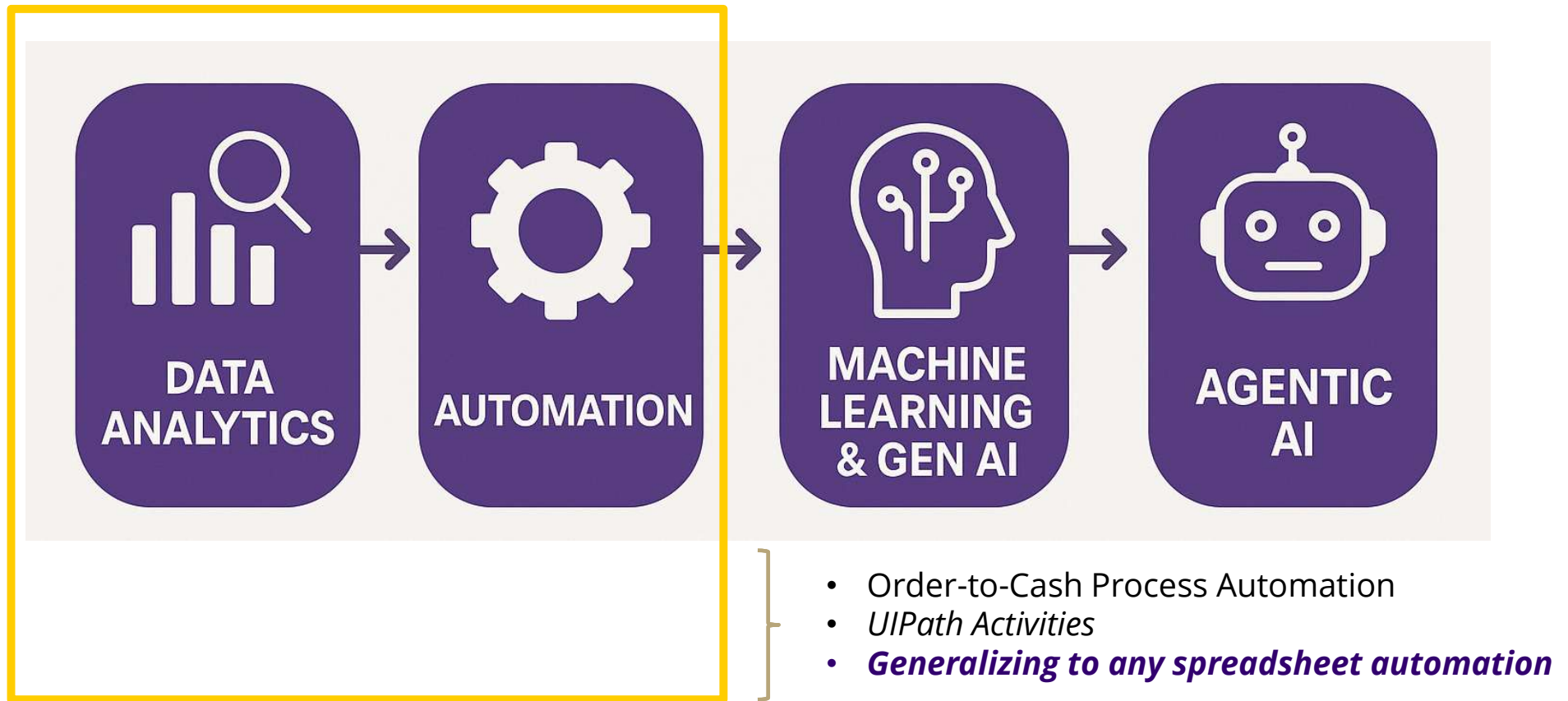
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Agenda

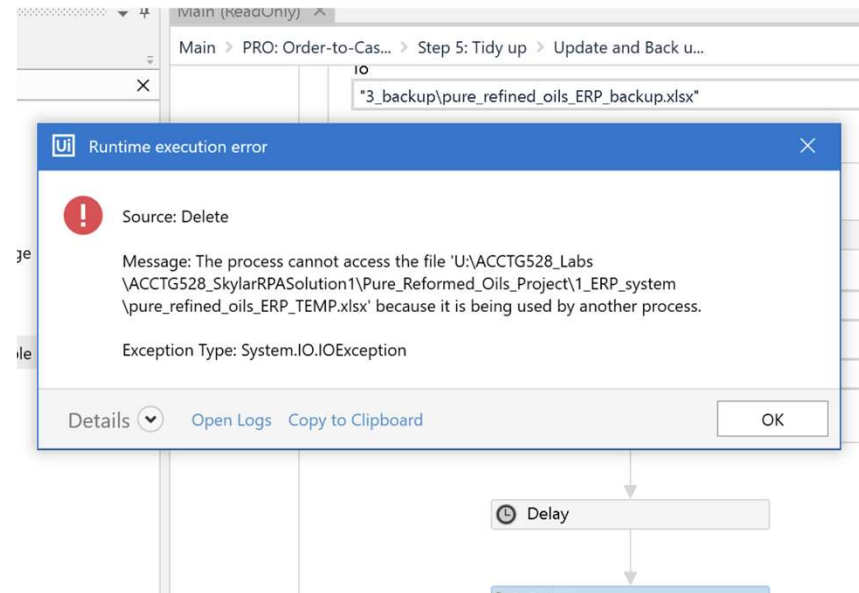
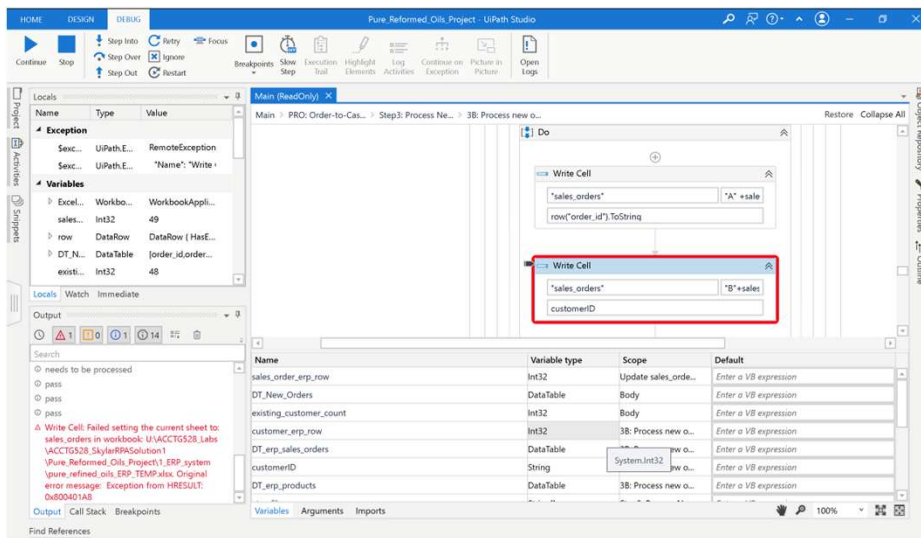
- **Review**
- Pure Reformed Oils Case: Continued
 - Possible extensions

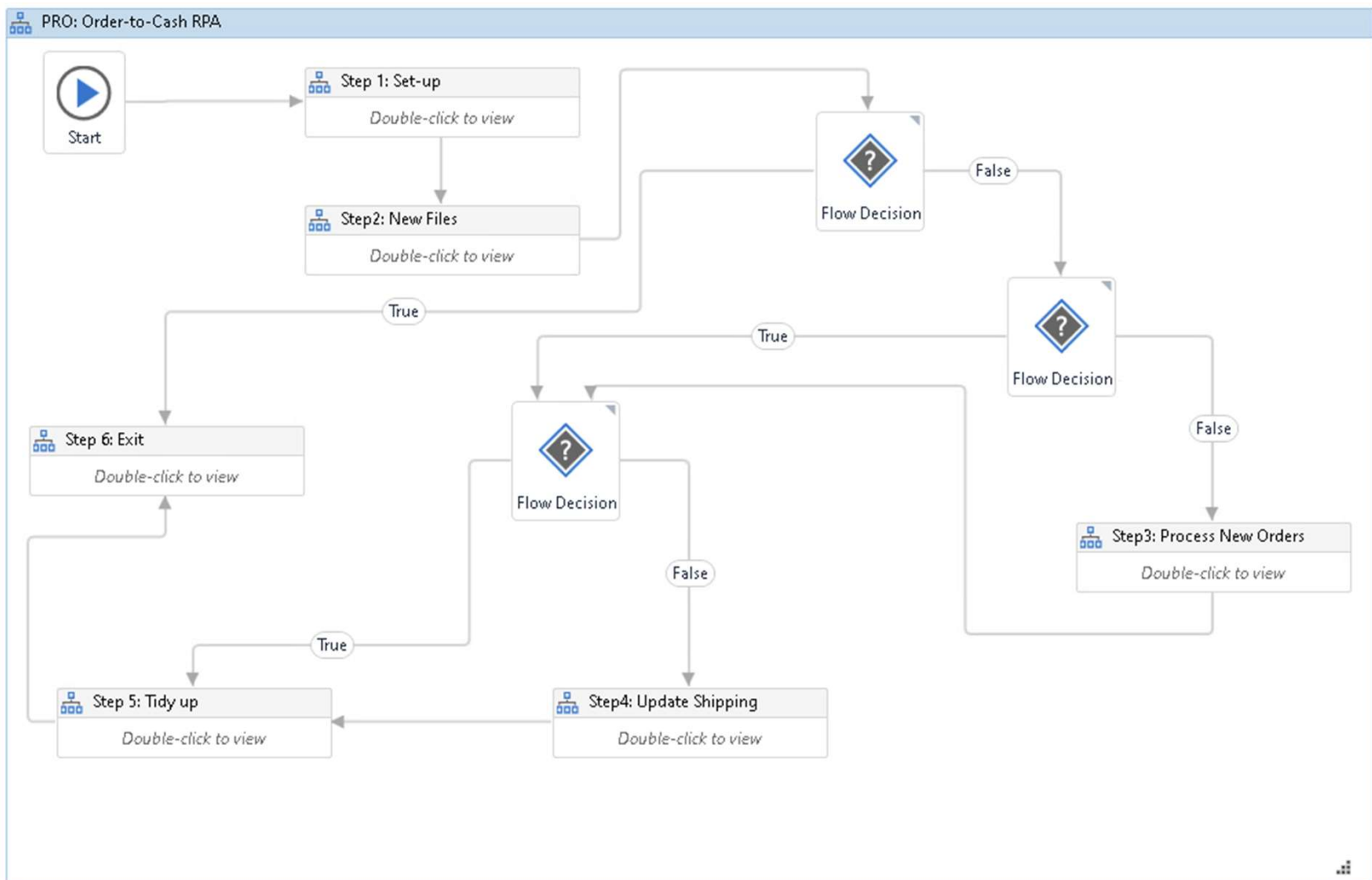
Course Overview



Class 6 recap

- Thanks for the *Write Cell Error* emails (and other errors)
- Good news – all errors related to Excel

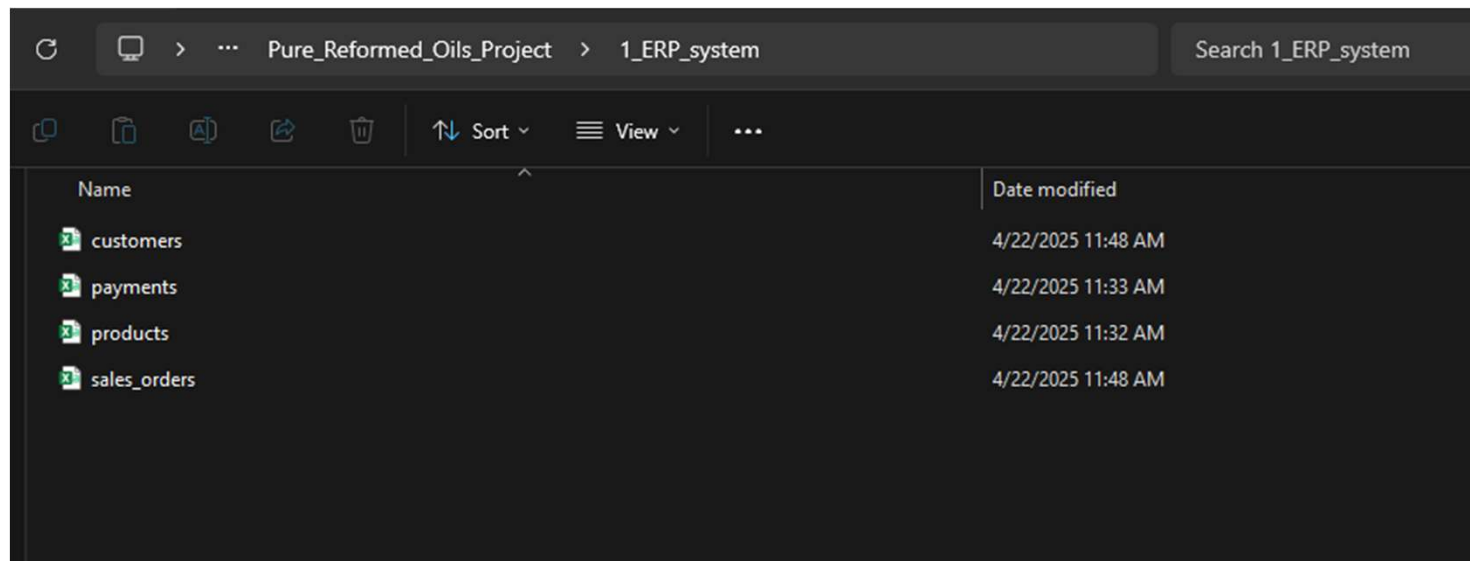


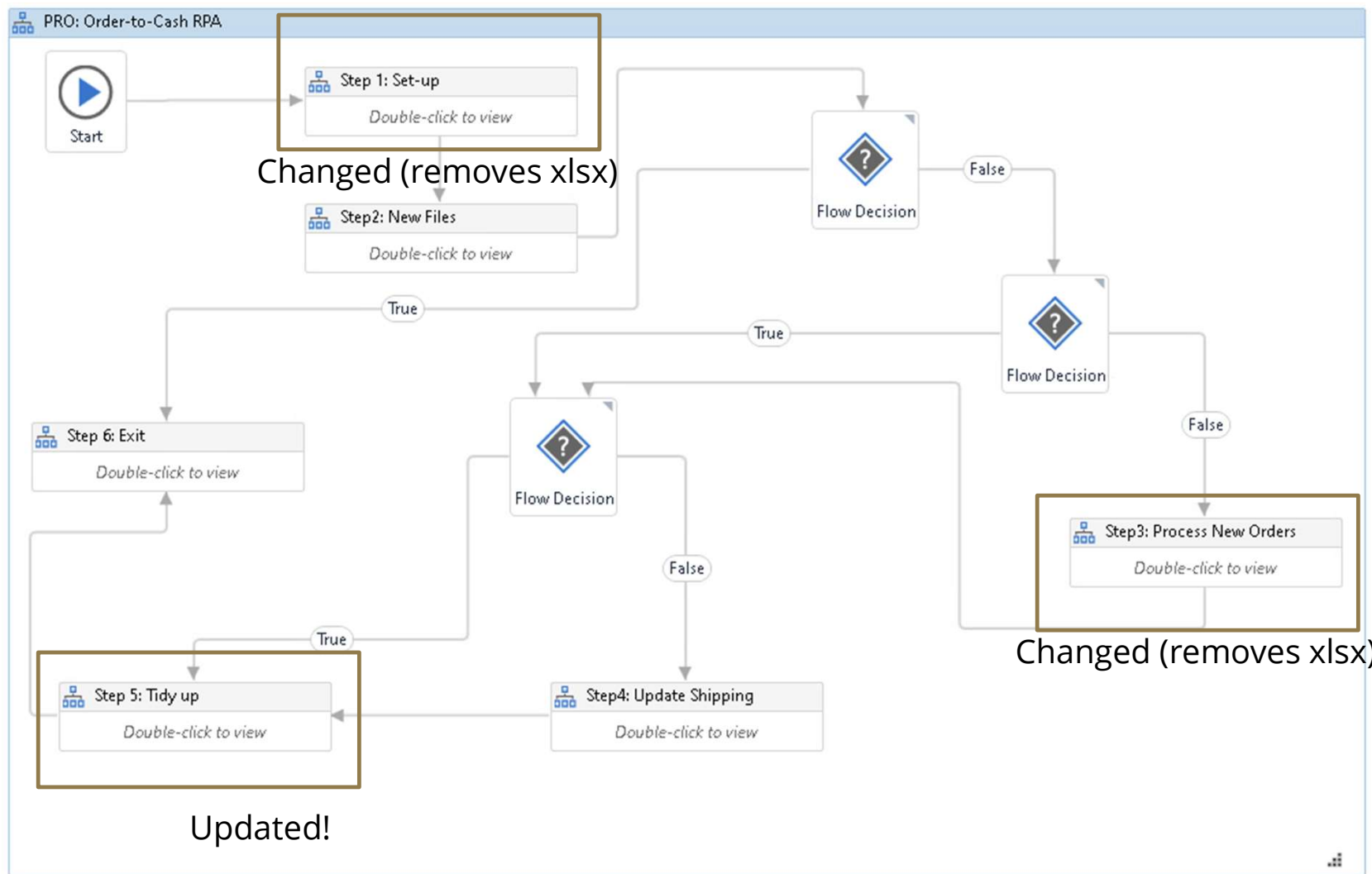


In scope at top level

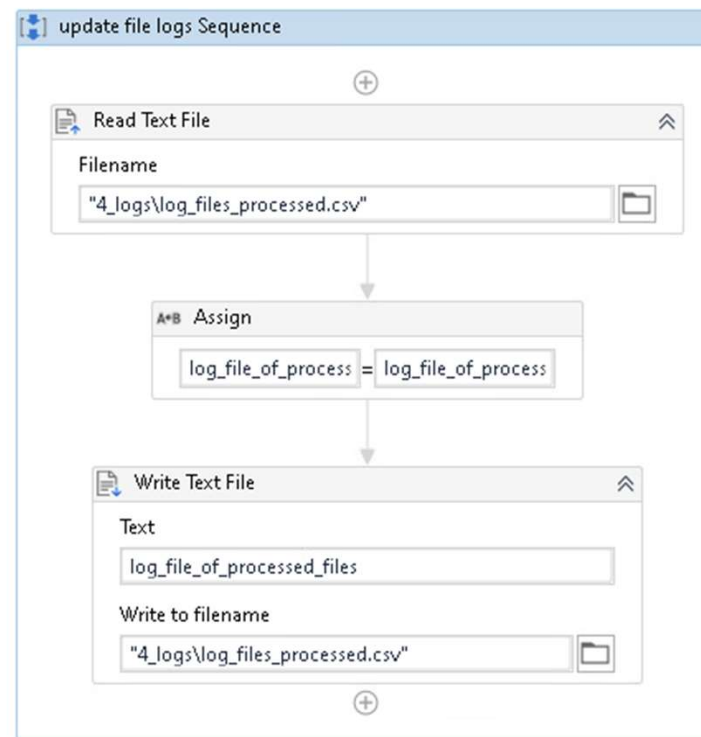
Name	Variable type	Scope	Default
logger_file	String	PRO: Order-to-Cas...	<i>Enter a VB expression</i>
logger_files_to_process	Int32	PRO: Order-to-Cas...	<i>Enter a VB expression</i>
DT_processed_files	DataTable	PRO: Order-to-Cas...	<i>Enter a VB expression</i>
etsy_files_count	Int32	PRO: Order-to-Cas...	<i>Enter a VB expression</i>
ups_files_count	Int32	PRO: Order-to-Cas...	<i>Enter a VB expression</i>
ups_files_del_count	Int32	PRO: Order-to-Cas...	<i>Enter a VB expression</i>
csv_file_log	String	PRO: Order-to-Cas...	<i>Enter a VB expression</i>
etsy_files_array	String[]	PRO: Order-to-Cas...	<i>Enter a VB expression</i>
ups_files_array	String[]	PRO: Order-to-Cas...	<i>Enter a VB expression</i>
ups_files_del_array	String[]	PRO: Order-to-Cas...	<i>Enter a VB expression</i>
DT_erp_customers	DataTable	PRO: Order-to-Cas...	<i>Enter a VB expression</i>
DT_erp_sales_orders	DataTable	PRO: Order-to-Cas...	<i>Enter a VB expression</i>
<i>Create Variable</i>			

No excel version of ERP





Update: Updating files processed log



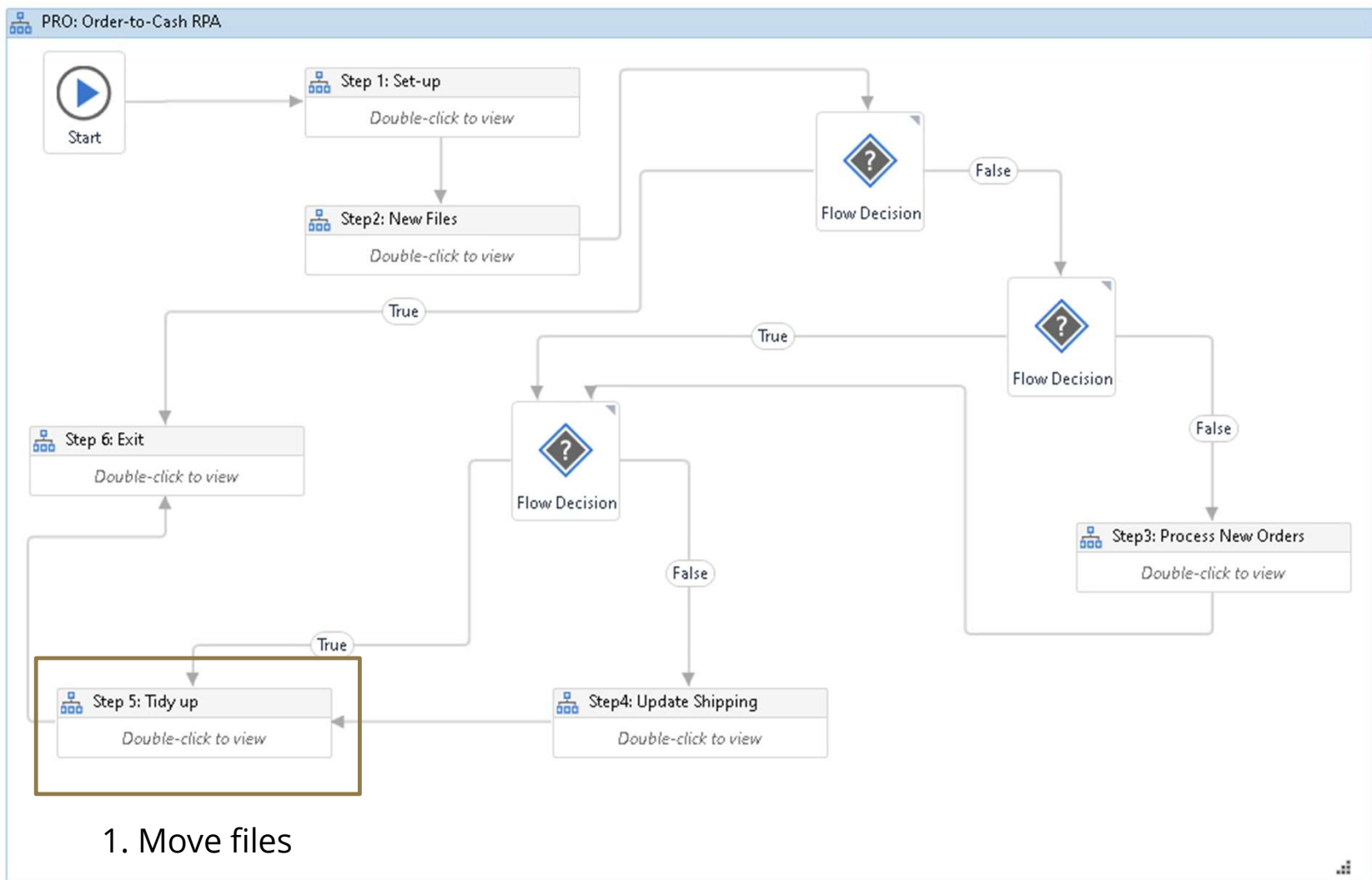
Agenda

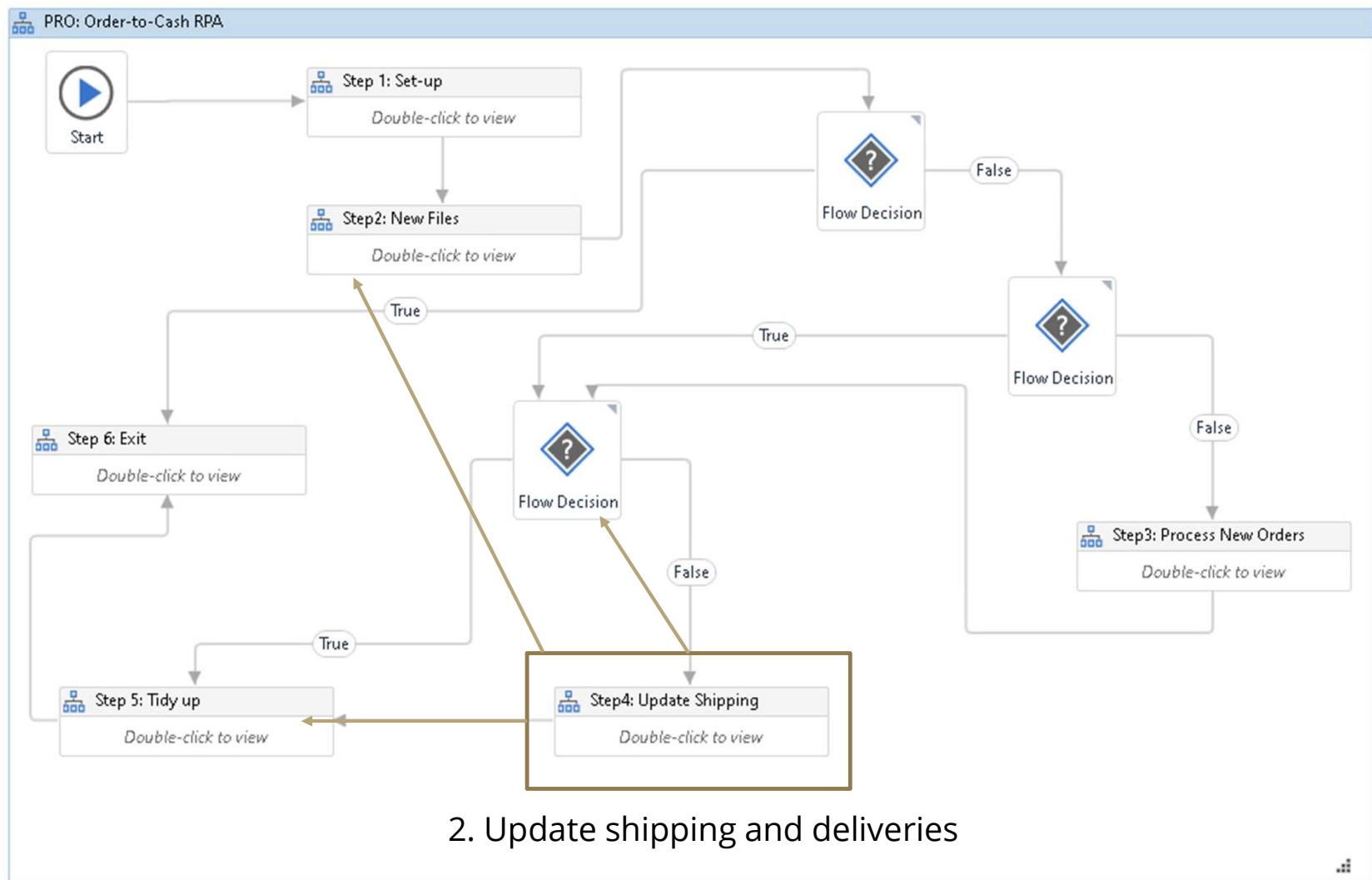
- Review
- **Pure Reformed Oils Case: Continued**
 - **Possible extensions**

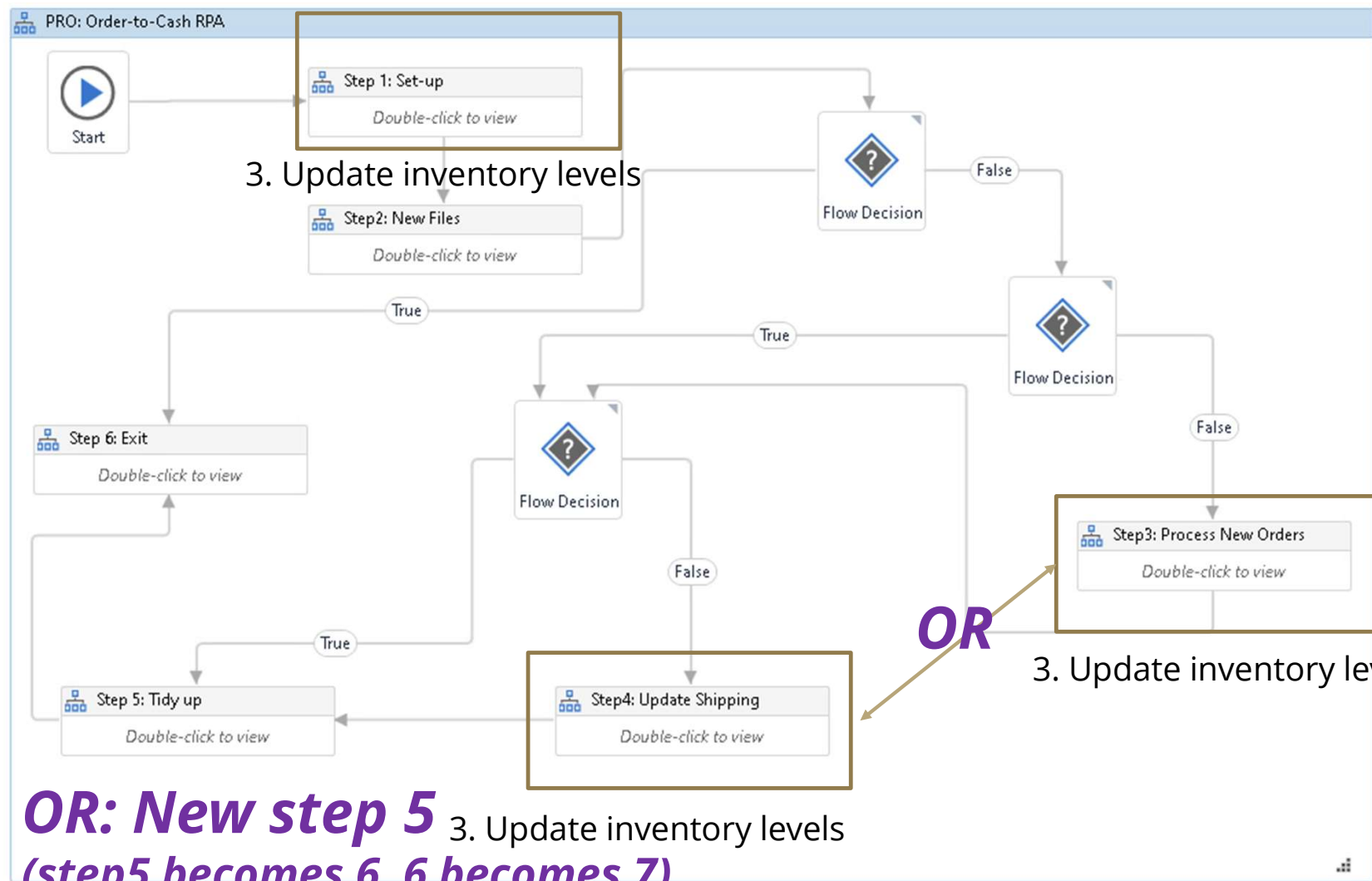
Possible extensions

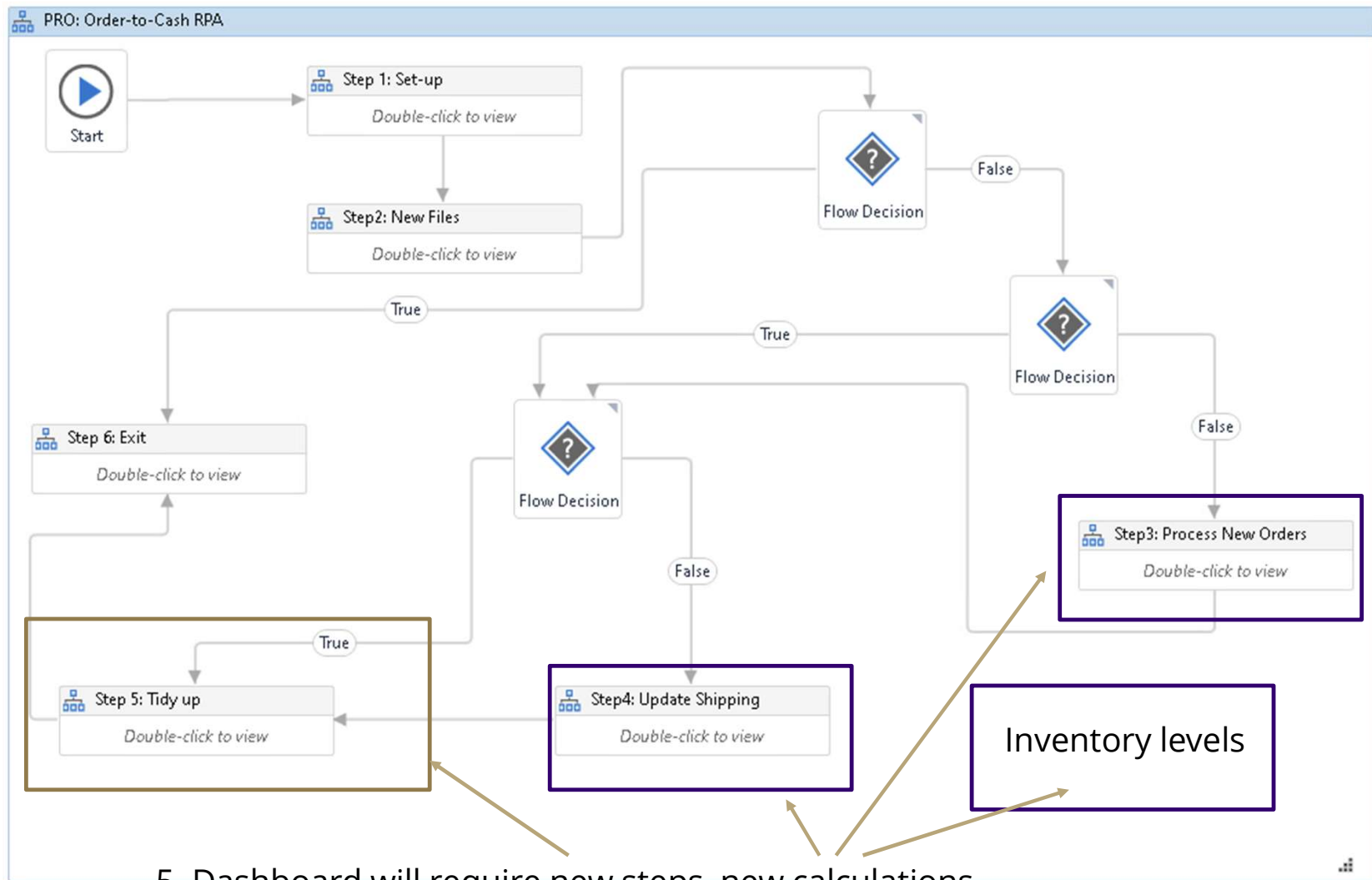
Create a bot that automates the order-to-cash workflow described by the clients:

1. Move processed files automatically
2. Update ERP for shipments/deliveries
3. Update Inventory levels
4. Create metadata tags, extend the logger (with a json output)
5. Create diagnostic output for a dashboard / create dashboard
6. Other ideas:
 1. ETSY Payments updates
 2. Accounting system
 3. Auto reconciliations, controls
 4. And anything else you think could be automated / improved.









Possible extensions - recap

Create a bot that automates the order-to-cash workflow described by the clients:

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Possible extensions – suggestions & hints

- Remember the video should include inputs & outputs and preferably the bot running.
 - Hint: show the output log in the video.
- Make it very clear what your extension(s) is(are) in the video.
 - Hint: if you go beyond my list, make it clear, and if you do consider researching “*end-to-end*” automation and discussing your bot/solution using this language.
- Discuss the solution in terms of efficiency (hours saved) and effectiveness (minimization of potential human errors, typos, mis pasting of data, etc).
 - Hint: Consider talking about other uses of time for Victoria and Skylar.
 - Hint: Another discussion point is the provision of follow up services, including maintenance and or help with other automations. You are welcome to discuss these hypotheticals.

Thank you

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