



# Revenue accounting automation

Multi-channel video programming distributor

- Designed Alteryx workflows to automate:
- Journal Entries (JEs) record preparation processes and
- Account Balance Reconciliations (ABRs) to reconcile payments against invoices sourced from multiple banks and billers respectively

# Multi-channel media distributor needs to automate its financial reporting

## Picture this...

You're looking to develop Alteryx workflows to automate data extraction, transformation, validation, and on-time report generation for 18 Journal Entries (JEs) along with cash clearing Account Balance Reconciliations (ABR)

## You turn to Accordion.

We partner with your team to design Alteryx workflows to automate: Journal Entries (JEs) record preparation processes and Account Balance Reconciliations (ABRs) to reconcile payments against invoices sourced from multiple banks and billers respectively, including:

- 1) Automating data extraction and aggregation from emails, shared folders, and databases via Alteryx workflows to reduce redundant manual activities
- 2) Ensuring process-flow governance, reliable reconciliation, and accurate Journal Entry updates through intermediate validations and pop-up alerts
- 3) Customizing Alteryx workflows to allow flexibility in handling time-dependent and conditional variabilities such as confirmed billing cycle, varying biller's frequency, ETF ratio, and accrual factor
- 4) Tracking monthly historical trends on transactional level across multiple granularities such as GL accounts and offered services
- 5) Streamlining cash clearing process to reconcile payments against the invoices received from multiple banks and billers respectively and developing the mechanism to identify the anomalies to be tracked

## Your value is enhanced.

- Your automated Alteryx workflows reduced ~60 hours FTE of manual effort monthly, ensuring accurate and timely update within accounting system
- Documented SOPs and easily operable Alteryx workflows reduced process inconsistencies and improved turnaround time in closing entries by ~80%

### REVENUE ACCOUNTING AUTOMATION

#### KEY RESULT

- ~60 hours of manual effort saved/month
- Improved turnaround time by ~80%

#### VALUE LEVERS PULLED

- Process automation via Alteryx workflows
- Financial Reporting
- Account Balance Reconciliation

# Revenue accounting automation for multichannel video programming distributor

## Situation

- Client relied on manual processing of revenue streams from multiple sources to reconcile payments against invoices and update General Ledger. Due to lack of standardized SOPs, these processes were subject to inconsistencies, variances, and significant time delays.
- Partnered with client to develop Alteryx workflows to automate data extraction, transformation, validation, and on-time report generation for 18 Journal Entries (JEs) along with cash clearing Account Balance Reconciliations (ABR)

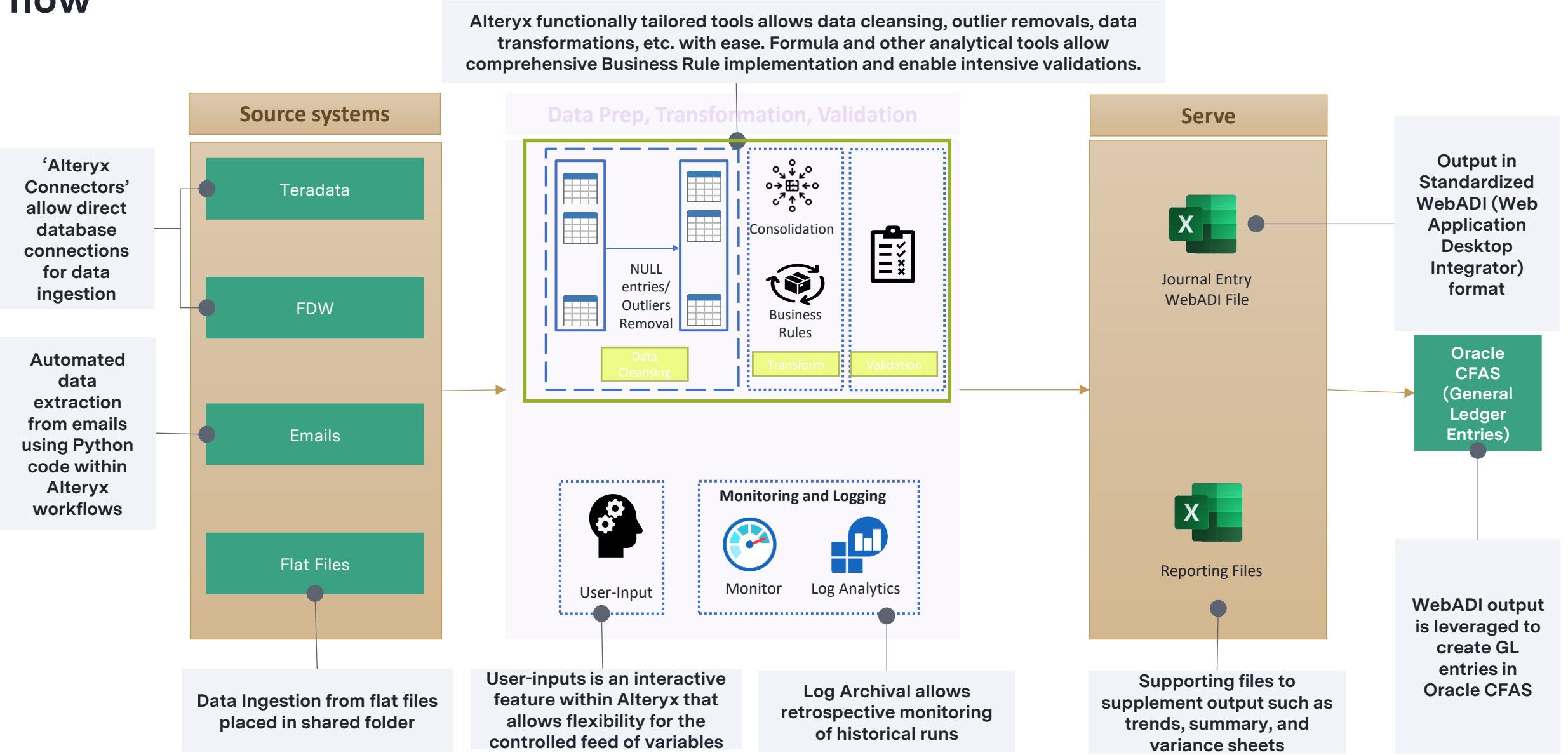
## Accordion Value Add

- Automated data extraction and aggregation from emails, shared folders, and databases via Alteryx workflows to reduce redundant manual activities
- Ensured process-flow governance, reliable reconciliation, and accurate Journal Entry updates through Intermediate validations and pop-up alerts
- Customized Alteryx Workflows allowed users flexibility in handling time-dependent and conditional variabilities such as confirmed billing cycle, varying biller's frequency, ETF ratio, and accrual factor
- Tracked monthly historical trends on transactional level across multiple granularities such as GL accounts and offered services
- Streamlined Cash Clearing process to reconcile payments against the invoices received from multiple banks and billers respectively and developed the mechanism to identify the anomalies to be tracked

## Impact

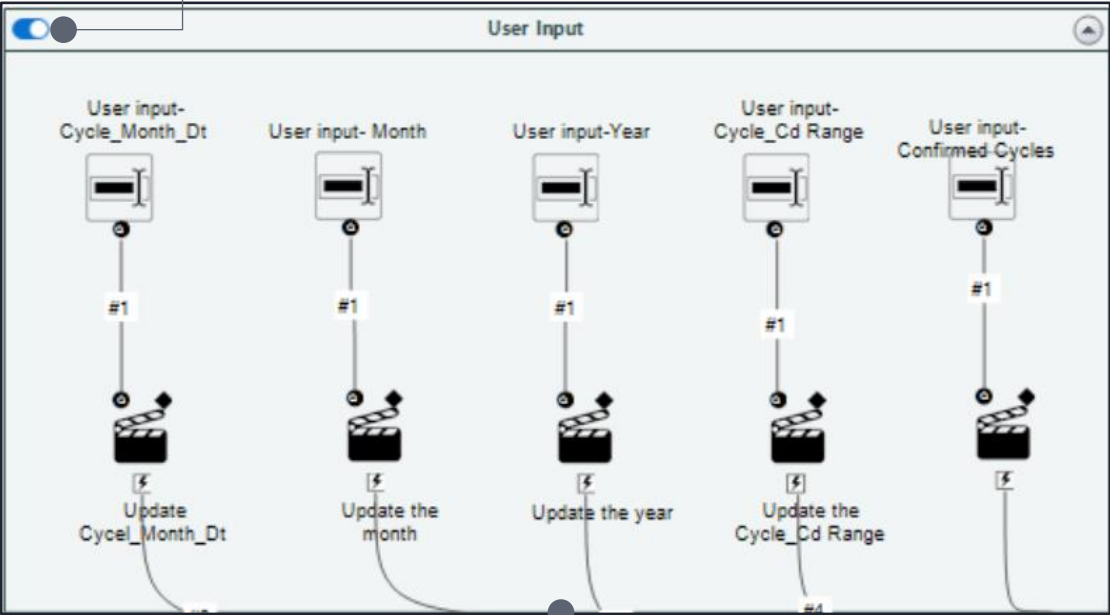
- Automated Alteryx workflows reduced ~60 hours FTE of manual effort monthly, ensuring accurate and timely update within accounting system
- Documented SOPs and easily operable Alteryx workflows reduced process inconsistencies and improved turnaround time in closing entries by ~80%

# Methodology/ approach – high level data flow



# User interactive (UI) interface

Separate containers could be created to enable/disable the associated functionalities

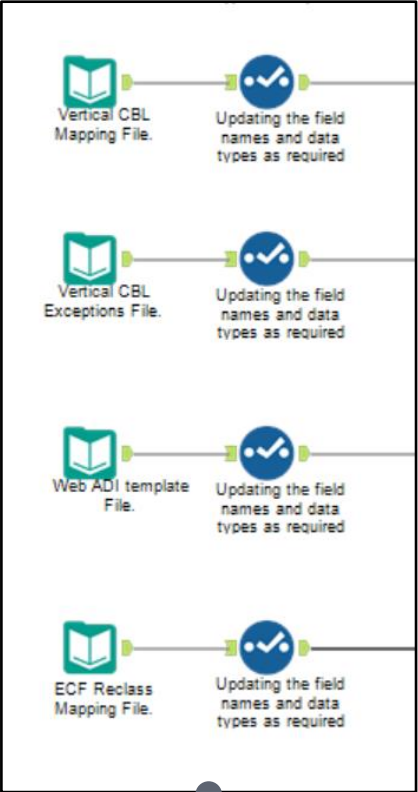


Interface tools (Text box tool and Action Tool) allow multiple user inputs

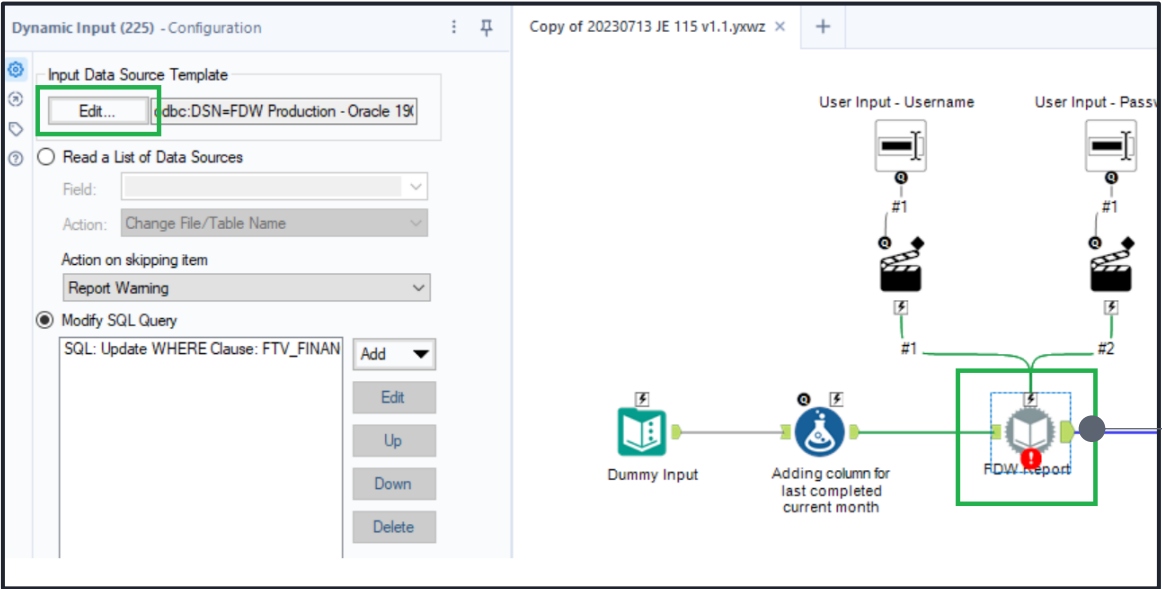
The screenshot shows the 'Alteryx Designer x64 Analytic App - 20230726 JE 22 v0.6' window. The 'Questions' tab is active, displaying a form with the following inputs: 'Enter Current Business Mo' (5), 'Enter Cycle\_Month\_Dt' (5), 'Enter current year' (2023), 'Enter Cycle\_Cd Range' (25,26,27,28,29), and 'Confirmed Cycles Reversed number' (2). At the bottom, there are buttons for '< Back', 'Finish', 'Cancel', and 'Help'.

On executing workflow via Analytical run, user gets option to provide inputs as required or to proceed with default values

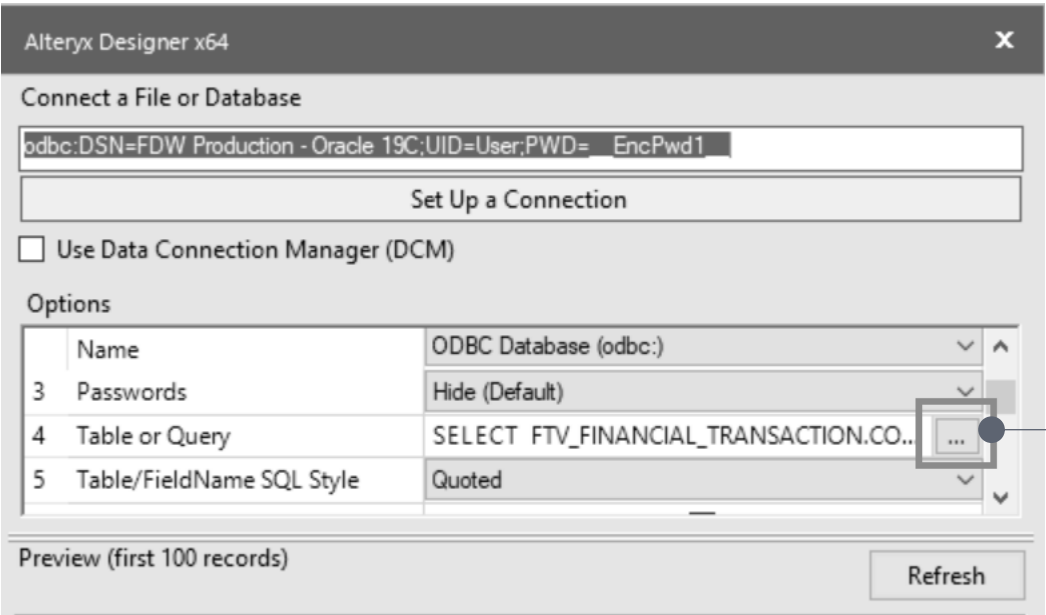
# Input via flat files and databases



Location of input files are provided in input tools. To handle manual error, forced data conversion is performed after reading the file.

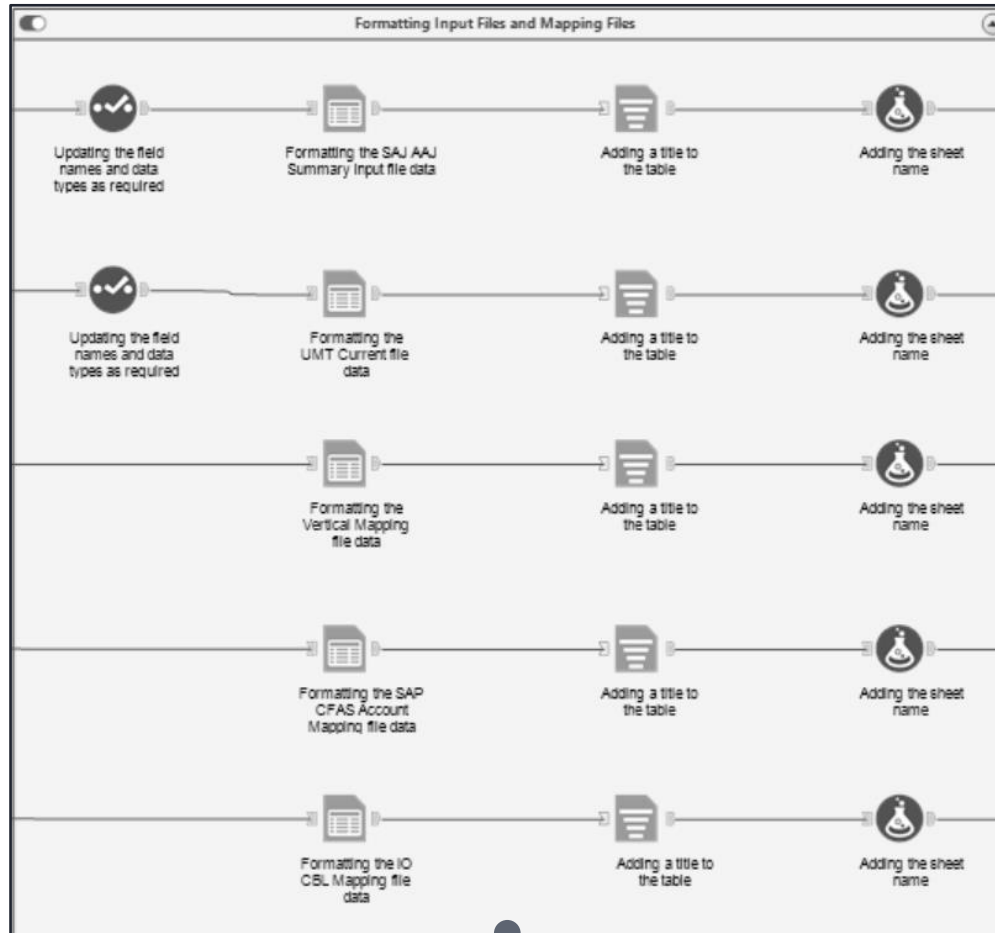


Dynamic Input Tool:- ODBC connection is setup to the database. User-Inputs are fed to enable dynamic query by replacing placeholders.

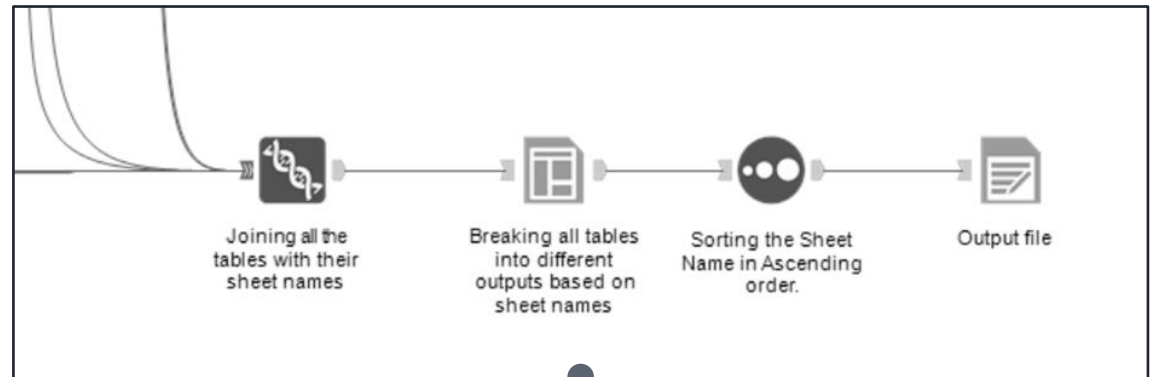


By clicking edit after selecting the dynamic input tool(highlighted above), dynamic query is fed against 'Table or Query' section

# Formatting and combining multiple outputs



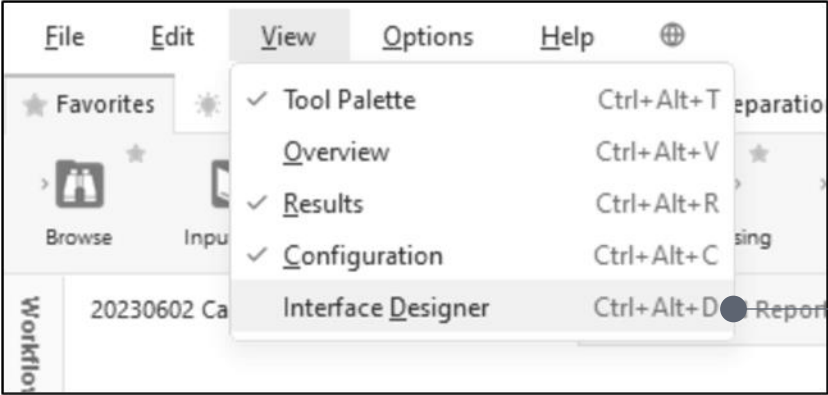
Separate outputs are rendered to have fixed page size, font(style and size) and color formatting



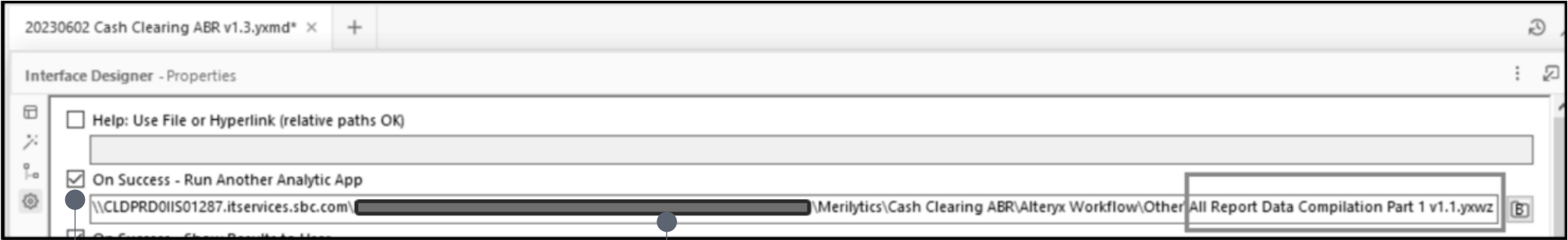
All the rendered outputs are combined and published as separate sheets on the final Excel output

# Setting-up interdependencies within workflows

This functionality allows invoking dependent workflow after successful completion of pre-cursor workflow. Gives user flexibility to check intermediate outputs before proceeding to next workflow.



In pre-cursor Workflow:- Interface Designer is to be selected under view section from the top ribbon



Path of the dependent workflow with 'On Success' option enabled