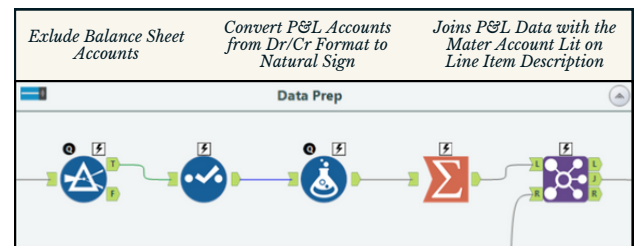# Leveraging Alteryx to Automate Tax

Alteryx + Continuus Automation Solutions for the Financial Services Industry

Tax calculations can be complex and require gathering information from many different sources within your organization whether it be your ERP system, Excel spreadsheets, or tax software. Alteryx can access many different data sources and join them together for even the most complicated tax calculations.

Automate Repeatable Tasks

Data cleaning and preparation is time-consuming and requires manual work in Excel spreadsheets. The data becomes very susceptible to human error and mistakes can easily get overlooked in a complex spreadsheet. Alteryx makes it easy to automate your data cleansing and preparation steps with just a few tools. In the image below you can see how to leverage the filter tool to focus only on my P&L accounts and use the formula tool to convert these accounts from their debit/credit balances to their natural sign.

Not only can Alteryx automate data preparation steps, but it can also automate recurring tax calculations and adjustments. The formula tool allows the user to limit meals and entertainment charges by 50% and the join tool is used to bring in tax depreciation and amortization.
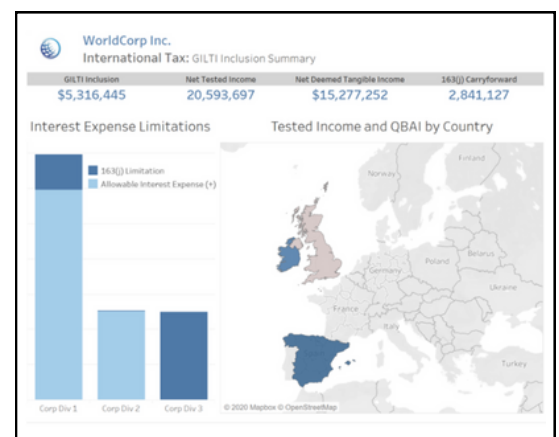

Analytical App

Tax law is constantly changing, and depending on business fact patterns a regulation may apply differently every year. Alteryx allows the workflow designer to turn a workflow into an Analytic App. An analytic app enables users to change certain parameters in the workflow and run it depending on their choices. The app provides an easy-to-use interface and allows flexibility when analyzing how the tax law applies.

Output and Analysis

Finally, Alteryx makes it incredibly easy to personalize the output of your data in various formats including PDF, Excel, SQL Server, or even a Tableau extract. In the example to the right, the data was output to Tableau and built a simple visualization that illustrates my analysis of international tax inclusion.

Although tax calculations can become quite complex, Alteryx has many capabilities that make any tax professional's job easier. Just automating the data prep and recurring tax calculations can save an enormous amount of time. This allows tax professionals more ime to focus on value-added work like tax planning and strategy.

Let our team of industry experts and certified Alteryx and Snowflake Professionals get to work for you. info@continuus.ai