

## Tax Compliance Automation and Analytics Engine for KPMG

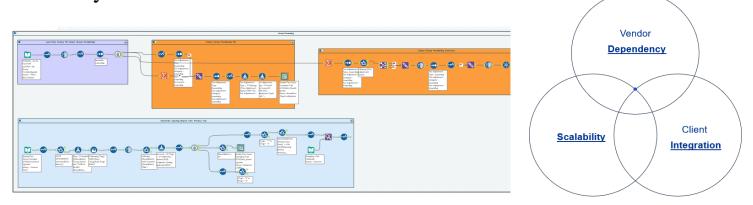
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## Introduction

Every year, **multinational corporations** around the globe navigate a daunting array of **tax challenges**. To ensure compliance with tax laws, companies are required to submit a series of **income tax returns**. Given the **manual and repetitive nature** of the computation process, KPMG relies on low-code automation tools such as Alteryx. However, they are **vendor-dependent**, utilize **expensive** licenses and **difficult to integrate** to the client's system.



Existing Solution: Alteryx and Limitations

This project aims to address this issue by developing an in-house **Web Application** as an alternative solution to **automate** the generation of a **Tax Provisioning Report**, which is a supporting resource that allow companies to streamline their income tax return filing process.

## **Technical Objectives**



User-friendly interface to view, create and recompute a Tax Provisioning Report.



**Data Factory** and **Data Processing** to compute Tax Computations



**REST API** backend app to run the Data Engines and a Scalable Database



Generate automated **report and analytics** in the front-end



Create a **CI/CD pipeline** and configure automated deployment to Azure

