SONATA SOFTWARE

Rooted in Data:
Expense Analytics for a Global Agri-tech Company

Unified analytics built on Microsoft Fabric

Client Overview

This US-based organization is committed to aiding global farmers in enhancing crop and livestock well-being while safeguarding the environment. They specialize in nutrition and scientific innovations for animal feed, meat, brewing, and distilling. Their products cater to both livestock and crop farming, as well as the food industry. In response to current economic conditions, the leadership is prioritizing cost control. This project aims to provide crucial insights for various company-wide projects.

> "Sonata has been an invaluable partner in this project, bringing deep technical expertise and best practice knowledge. Their collaborative approach has made interfacing with both their team and Microsoft a truly enriching experience"
>
> **- Global Director,** Data Analytics & Reporting

The Pressure Points

- Optimize operating expenses especially the travel related expenses
- Better visibility into operations expenses to understand and prioritize
- Expenses information was spread across multiple systems

Solutions

Expense data integration from
SAP Concur, Dynamics

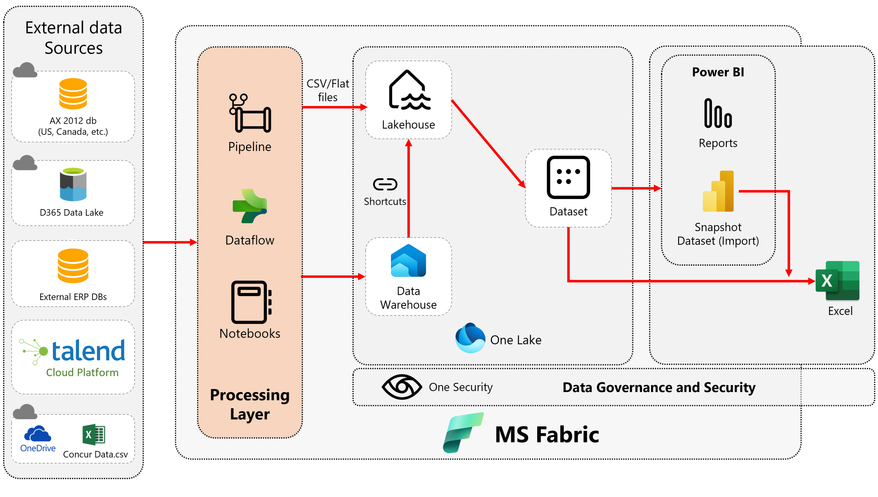
Semantic Data Model
on Dynamics F&O that is business user friendly

Enabled self-service with
Power BI, Q&A

Facilitated decisions about the
Best Toolset
at current platform maturity and context

Key MS Fabric Capabilities Leveraged :

- OneLake for Data consolidation from various sources (Applications, Domains, Entities)
- Dataflows for Low code Data Ingestion from various sources & transformations
- PBI Data Gateway used cluster to connect to on-premise data with Dataflows
- Notebooks for Data Cleansing, transformation & consolidation
- Shortcuts for Data access without copying – virtual data mesh
- PBI dataset for Analytical model for reporting and insights



Results

One Source of Truth for expense reporting
OneLake

Business user friendly
Unified Platform
contains all data and toolsets