

# Modernizing Data Management and Reporting in Support of Global Agribusiness



## ABOUT THE CLIENT

Our client is a global agricultural company offering innovative solutions for farmers to enhance their crop yields. They're dedicated to advancing farming practices for a more productive and environmentally-conscious future.

## Challenge

Our client's business intelligence (BI) group was managing and manually integrating data from three separate sources: a decades-old application and database, unwieldy Excel spreadsheets, and a market research firm.

A significant amount of people-power went into cleaning this data, synthesizing it, and creating reports for use across the organization. This had major productivity costs across the client's BI team.

To get better insights from their data and make their teams more productive, the client turned to Evergreen to modernize the legacy application to a safe and secure tech stack and, more importantly, provide an integrated reporting tool that combined all three data sources into a common location.

## Solution

To address the client's need for integrated reporting, we replaced their legacy system with an Azure cloud-based application built on .NET 7 and Mudblazor. This new platform lets users upload, clean, and validate data seamlessly while eliminating time-consuming manual processes.

To overcome data integration challenges, we implemented robust Azure Data Factory pipelines. These pipelines automate data extraction, transformation, and loading from disparate sources, including Snowflake, into a centralized database. Complex data transformations, previously handled through manual methods, are now efficiently automated within the pipelines.

By leveraging Power BI, we created a unified reporting dashboard that provides a holistic view of the business market based on the cleaned, validated, and integrated data. This solution significantly improved data management efficiency, reduced costs, and enhanced reporting capabilities for the client.

# \$500K

**Saved in Development Costs From Advisory Services**