

**Tiger Analytics equipped a global F&B brand to make commodity sourcing and collaboration more seamless with a web-based app**

Tiger Analytics developed a web application that empowered various stakeholders to collaborate and optimize playbooks, buy plans, and more. The solution made it easy and quick to create and approve commodity buy plans. It also helped generate reports with drill-down capability based on sector, region, commodity, sub-commodity, month-year, etc.



# The Background

Our client is one of the largest multinational Foods, Snacks, and Beverages corporations. Their distribution extends across 200 countries, crossing US \$1B+ in sales. The global procurement process followed a monthly operation approach where buyers created a plan for commodities based on forecasts and targets. Once approved, they executed the plan and took coverage from suppliers or markets. Hence, the client needed a web app to automate the complete process, enable data centralization, logs and audits, and better stakeholder collaboration.

## Key Challenges

- ▮ **Communication challenges:** Much time and effort was spent in the iterative exchange of emails and phone calls. It resulted in excessive repetition, increased error susceptibility, and dispersion of vital information.
- ▮ **No single source of truth for playbook targets:** The current method of maintaining and circulating playbook targets was based on Excel spreadsheets. It caused inaccuracy and inconsistency and introduced data errors and corruption.
- ▮ **Limited governance control:** The complexity of dealing with various sectors, regions, and commodities led to the lack of standardized templates or processes. It made way for a proliferation of multiple templates and files.
- ▮ **Manual data compilation:** A lot of time was consumed due to collecting and aggregating data from different geographic locations and business units through email. An additional 27-day delay was caused in achieving data consistency for reporting.



# Our Solution

As a strategic partner, Tiger Analytics created a web-based application to provide the best-fit solution.

The team introduced a centralized procurement collaboration tool to enhance the commodity buy plan process flow, particularly focusing on creating, approving, and maintaining targets. Then, an interface feature was enabled to consolidate data collection and storage, capturing details from forecasts, playbooks, coverage files, and buy plans in a singular repository.

This centralization was strengthened by integrating with external trade execution platforms, driving a seamless exchange of trade confirmations.

Also, by introducing automated power BI reports and dashboards based on the collected data, the time was cut down from 27 days to just a single day.

## Tech Stack

### App Development:

- \ Java
- \ Spring Boot
- \ Azure SQL Server
- \ React JS
- \ Azure Container Services

**Authentication:** OKTA

# Value Delivered

**There was one common location** to view all historical plans from the past month and year.

**A dedicated comment section** was created on each buy plan to interact and collaborate with all the stakeholders.

**The dashboard came with the ability to track** approved buy plans, closed buy plans, compliance events, etc.

**Email notifications** were sent to remind if any review is pending or to inform the change in status of the buy plans.

**Page filters** ensured access to the right information instantly.

**Eight reports came with drill-down ability** based on category commodity sub-commodity, sector, country, and business unit.

**Compliance events reports** could be opened or closed based on critical and non-critical reasons.



## About Tiger Analytics

Tiger Analytics is a global leader in AI and analytics, helping Fortune 1000 companies solve their toughest challenges. We offer full-stack AI and analytics services & solutions to help businesses achieve real outcomes and value at scale. We are on a mission to push the boundaries of what AI and analytics can do to help enterprises navigate uncertainty and move forward decisively. Our purpose is to ***provide certainty to shape a better tomorrow.***

Being a recipient of multiple industry awards and recognitions, we have 4000+ technologists and consultants, working from multiple cities in 5 continents.

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