



# INVENTORY MANAGEMENT ACROSS DISTRIBUTION CENTERS

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One of the largest healthcare & life sciences clients in South Asia focused on investigating experimental oral antioxidative and anti-inflammatory drugs faced the challenge of over-stocks which resulted into revenue loss & working capital leakage.

## Business Objectives :

To provide a demand-driven Inventory Optimization strategy, as a result to improve safety stock, reduce revenue leakage & optimize the micro-market supply chain.

- ▶ Estimate Forecast for the Inventory & Demand.
- ▶ Insights about Changing demands & seasonal patterns for better stock.
- ▶ Insights about the redundant stock & piling.
- ▶ Prevent the Revenue Loss & Working Capital leakage.

## Our Approach:

The challenge was over-stocks, which resulted into revenue loss, unnecessary stock piling of the products as per the demand, working capital leakage especially during the seasons . Our partnering approach helped from starting :

**01**  
Descriptive

With the client starting from Due Diligence the Machine Learning & Econometrics helped to extract best patterns from the data.

**02**  
Prescriptive

With the conjugation of the business rules with the cutting-edge algorithms clients were able to reduction in the redundant stock.

**03**  
Predictive

Actual time intelligence helps to prevent Working Capital leakage & revenue loss with changing demand, seasonal patterns & challenges of Covid-19 Pandemic to help decision makers.

## Business Benefits:

With a platform solution provided by Catalytics Datum the client now possesses a highly specialized solution which will help in the:

- Extraction of best patterns in order to define upto 95% accurate Demand & Inventory Forecast.
- Dynamic Inventory Allocation & Safety Stock Monitoring capability with realtime intelligence provided upto 3% improvement in safety stock.
- Clients were able to achieve 7% reduction in the redundant stock after the identification through real-time insights of redundant stocks in different regions.
- Access of a light weight Dashboards to help management gain insights with utmost ease.
- Easy strategizing for the festive seasons and changing demands based on the forecast and seasonal patterns.

## About Us

**Catalytics Datum is a Next - Gen Enterprise that Amalgamates the Data Science, Big Data, Cloud Computing & Business Intelligence to Transform your CRM, ERP & EDWH to the tool for business growth. Recognized by Microsoft BizSpark, Catalytics is present across the globe to become your partner in Digital Transformation.**

**Catalytics is a product focused data science organization leveraging the power of big data and business intelligence to solve complex business problems for enterprises through user experience and faster decision making solutions.**



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