Labor Planning Solution

Business Impact numbers

90%
Labor planning accuracy

$1.5M
savings from labor

Time to execution

4
Weeks to Pilot

8
Weeks – Time to market

Tredence
Connect the Dots

Problem Overview

Firms need a labor planning solution that can help them predict better around the fluctuations in volumes and plan their labor needs with a dynamic simulation tool

High level approach/solution framework

The combination of Tredence's AI & advanced Data Science capabilities and Azure's data processing provides a winning combination that helps manufacturing firms with -

- DC level forecast to predict the inbound/outbound volumes at a day , weight, pallet level
- Benchmark efficiency and turn around time for a task using historical data
- A simulation tool that helps planners adjust efficiency, pallet and weight quantity to achieve new hours estimate

Azure architecture or Azure components used

ADF Pipelines

SQL
Azure MS-SQL Database

Microsoft
Power BI

Usage stats at a high level

15+
labor planning KPIs

Real time single stop solution for labor planning &scheduling

10+
weeks future volume forecast for inbound and outbound shipments