

Tiger Analytics enabled a US-based 3PL company to **reduce manual efforts by 25% with a connected Data Foundation**



Tiger Analytics created a best-fit solution to support Advanced Analytics, streamlining overall operations in the process. It ensured enhanced data quality, better data governance, as well as refined error-handling mechanisms to minimize disruptions. Through the Data Warehouse, the solution helped the client increase gross margins by 2.5%.



The Background

Our client is a leading North American 3PL (Third Party Transport and Logistics) company. They were looking for a fully integrated Data Foundation to help manage mission-critical information. Ultimately, they wanted to improve data quality, increase governance, and make their daily operations more seamless and lesser error-prone.

Key Challenges

Legacy integration hurdles:

The existing 12-year-old Data Warehouse had limited production access, which hindered solution integration.

Performance lapses:

Performance drops were frequent due to ineffective data streamlining, uncontrolled ETL flow, and sequential processing.

Lagging data delivery:

Data delivery to the IBO faced delays due to large volumes and manual processes

Our Solution



Tiger Analytics developed a connected Data Foundation Layer to harness the power of Advanced Analytics and implemented various Data Science use cases. It included a Freight Analytics Tool as the team leveraged modern Data Warehouse (DWH), leading to improved account audits and cargo tracking.

The solution also offered a pricing engine, with the team using DWH to increase the client's gross margin by 2.5%.

**Tech
Stack**





Value Delivered

A cost-effective Data Foundation layer was designed with a comprehensive data governance and automation framework.

An 85% reduction was achieved in the processing time of XML parsing due to the proposed parallel processing framework.

20-25% of manual effort was saved due to configuration-based archiving and automated failure notifications.

There were **huge improvements in performance** and operational efficiency.

About Us

Tiger Analytics is a global leader in AI and analytics, helping Fortune 500 companies solve their toughest challenges. With over 4000 data technologists and consultants spread across offices in the US, Canada, UK, India, Singapore and Australia; we help our customers accelerate their AI and analytics journey in sectors like CPG, Retail, Insurance, BFS, Manufacturing, Life Sciences, and Healthcare. Tiger Analytics is a Great Place to Work-Certified and a 'Leader' in the Forrester Wave: Customer Analytics Services Report 2023.

Visit <https://tigeranalytics.com> to see how Tiger Analytics provides certainty for a better tomorrow.