

AI-FI Demand Forecasting

- > AI-FI™ is a suite of AI solutions that leverage Alithya's artificial intelligence, machine learning, and deep learning expertise.
- > AI-FI™ is a play on the term hi-fi as the brand integrates the concepts of artificial intelligence (AI) and fidelity (FI).

Accelerated Delivery of Demand Forecasting Predictions

Alithya's AI-FI™ Demand Forecasting solution applies machine learning (ML) methods to more accurately predict future material demand at the SKU level, and its templated solution approach reduces the time required to inform and optimize the manufacturing, procurement, and shipment of product's impacted by common inefficiencies.

Common Inefficiencies

- > Unplanned surpluses and shortages
- > Inefficient inventory volume and duration
- > Unwanted operational and warehouse carrying costs
- > Unfulfilled material orders and associated work holds
- > Inaccurate demand, order, re-order, and stocking level forecasts

Expected Benefits

- > Optimized supply chain material procurement behaviors
- > More economic stock level order quantities
- > Reduced material surpluses, inventory storage, and carrying costs
- > Reduced material shortages, and work interruptions
- > Adaptability to ongoing shifting business demands, economic factors, seasonality, and consumption patterns etc.