

# Machine Learning

Built Into Everything Atlas Does

REQUEST A DEMO

The Atlas Planning Platform is built with machine learning at its core, improving nearly all aspects of your end-to-end supply chain.

Atlas' advanced machine learning technology delivers **Efficiency** to process, **Meaning** to data, and **Confidence** to decision-making.



*Evolve from reactive to proactive planning.*

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## Why Atlas Machine Learning?

John Galt defines Machine learning as a type of artificial intelligence that allows Atlas to learn without programming. This means that Atlas gets **smarter** and **faster** with every byte of data it digests.

Machine learning transforms the way you manage your supply chain. With Atlas you can:

- Drive demand and supply plans autonomously
- Perform time-intensive, error-prone processes instantly
- Integrate structured and unstructured data sources including ERP, IoT, market, and causal factors
- Mine even huge amounts of data continuously for the most important insights
- Arm your planners with the right data at the right time

## How Does It Work?

Atlas autonomously mines your data for deep insights and gets smarter every day.

Atlas helps you segment, group, and classify your data (products, locations, customers) to make predictions and inform your plan.

For example, mine sales data from millions of product SKUs to identify which impact one another, which have similar seasonality, and which react to similar causal variables.

Continuously assess your end-to-end digital supply chain and then either executes or recommends adjustments based on your defined requirements and objectives.

## Atlas Machine Learning In Your Supply Chain

### Forecasting & Demand Planning

Atlas determines the underlying drivers of your business. Machine learning mines data for insights by seamlessly integrating external data\* while also cleansing your data, identifying relationships, and finding the lags between cause and effect. Atlas continuously applies the best statistical forecast models for your data.

\*socioeconomic, IoT, weather, social listening, e-commerce, etc.

### Multichelon Inventory Optimization (MEIO)

If you have more than one warehouse, take advantage of the synergy between your locations and coordinate your strategy across locations to become a supply chain hero! Atlas optimizes inventory to meet customer service and cost objectives by segmenting products for assigning optimal safety stock hedging stock, and order quantity.

### Multi-Scenario Analysis & Financial Planning

Atlas instantly simulates and analyzes thousands of what-if scenarios to assess the impact of demand plan changes and supply chain responses. Machine learning continuously evaluates best, worst, and most-likely scenarios based on company objectives such as revenue.

### Demand Shaping & Sensing

Demand sensing requires analyzing more granular data sets that are nearly impossible for a human to perform. Atlas mines large sets of internal and external data to discover insights and receive intelligent recommendations to support better planning and drive customer demand.

### Production Scheduling

Use machine learning to generate an optimized, time-phased production plan that balances customer service and supply chain costs

### Integrated Business Planning

Advanced Resilient Planning capability that continuously evaluates Available-to-Promise (ATP), Capable-to-Promise (CTP) and Profitable-to-Promise (PTP) models to leverage supply chain opportunities.

### Digital Twin Planning

Analyze multiple scenarios and optimize across a duplicate of your supply chain.

*We're working with customers to pioneer new and exciting applications of machine learning.*

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## Turn Our Supply Chain Over to a Machine?

Well, no, not exactly. It's a symbiotic relationship! Atlas is powerless without the input and rules provided by you and your team of awesome humans. In fact, Atlas' Collaborative Planning helps you leverage all that human awesomeness.

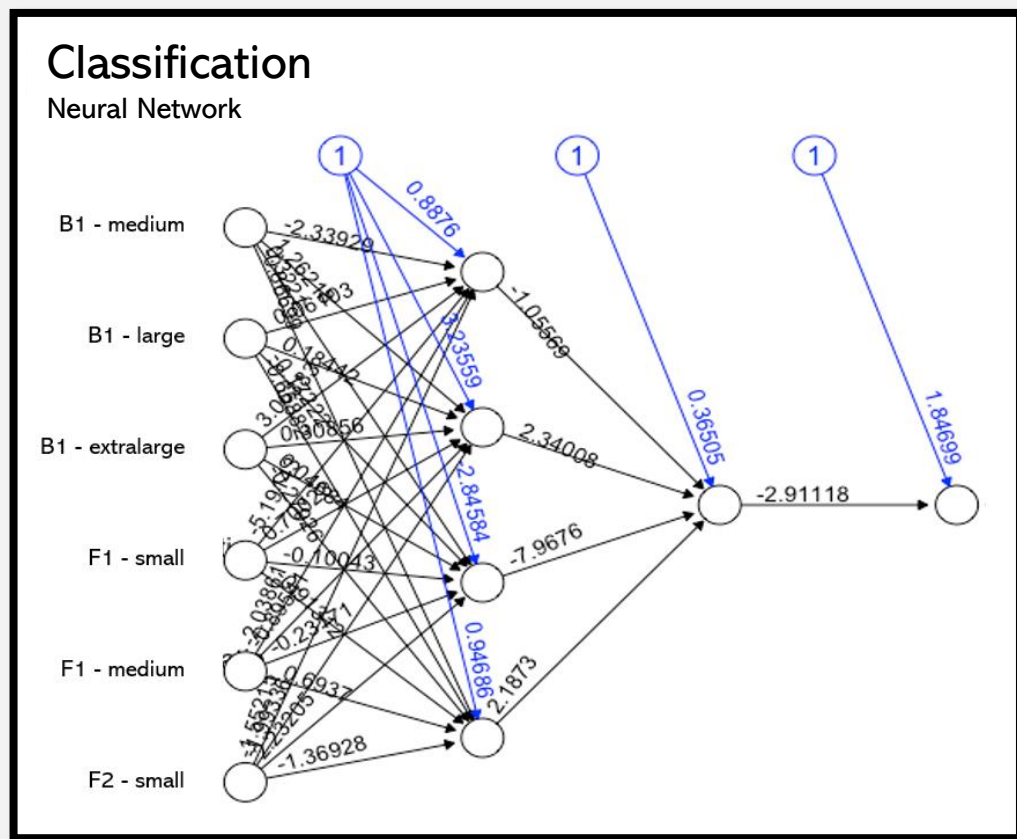
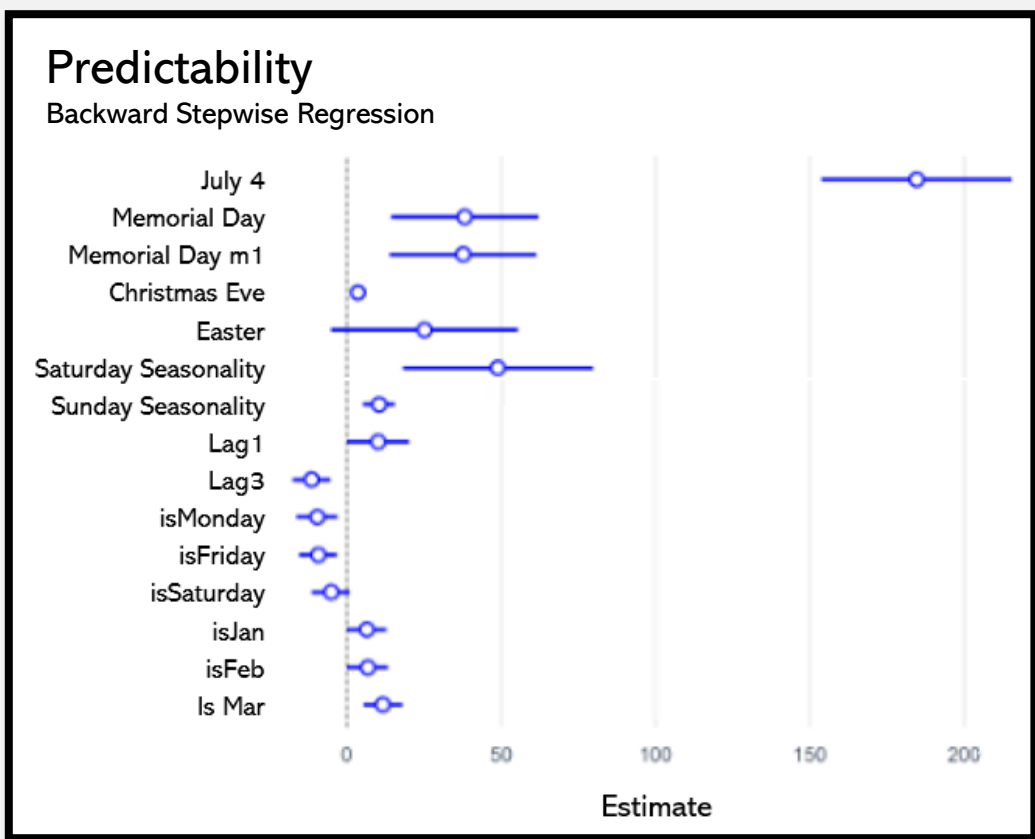
You control Atlas' level of independence and set policies for alerts, insights, and managing exceptions.

But let's be fair to our robot friends, they're better at multi-tasking and make fewer mistakes when working with data... lots of data.

*Atlas allows planners to do their best work, not replace it.*

## So Much More Than a Black Box

Atlas's machine learning comes to life with intuitive, easy-to-read graphics that quickly allow you to see the meaning behind our data.



## Getting Started with Machine Learning is Easy

John Galt takes a Walk, Drive, Fly Approach to everything, and machine learning is no exception. Our Supply Chain Xperts will help you assess your supply chain and recommend an implementation that is flexible to data and process.

### Walk

Outside data identified and integrated.



Atlas finds the relevant variables to produce a demand plan

### Drive

Automation enables constant learning.



Atlas makes day-to-day adjustments. Receive notifications for tactical recommendations, insights and exceptions.

### Fly

Resilient planning.



Atlas suggests strategic changes, rather than just tactical ones.

*John Galt meets you where you are and takes you where you need to go.*

GET STARTED

[continued below]

Customer testimonial

Quote from Anne?

Case study?



They're working with customers right now to find and experiment with the newest applications of machine learning in supply chain.

## CHAT WITH A SUPPLY CHAIN XPERT

Atlas Planning provides the powerful combination of a world-class platform with globally recognized supply chain expertise and experience.

An Atlas implementation is flexible to both data and process, providing you with an easy-to-use and easy-to-scale digital supply chain solution.

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*Atlas works in the supply chain shadows,  
leaving the spotlight just for you.*

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## Explore the nuts and bolts of Atlas:

## Atlas Planning Overview

## Demand Management

## Inventory Management

## Collaborative Planning

## Supply Chain Analytics

## Supply Management

## Sales Forecasting

## Financial Planning

## Global Footer

