





# Forecast<sup>2</sup>



## Ready to Use Forecasting and Planning at Scale

-  90% Accuracy
-  100% Automated
-  1000s of Forecasting Models
-  05 Simple Clicks

[www.linearsquared.com](http://www.linearsquared.com)

# Forecast<sup>2</sup>

**Forecast<sup>2</sup>** is a highly scalable forecasting solution which allows you to build 1000s of highly accurate, multivariate forecasting models with just a few clicks. Designed to counter limitations found in traditional solutions, FORECAST<sup>2</sup> factors in many influencing variables and considers 1000s of candidate models before picking the best fit for your data.

**Forecast<sup>2</sup>** brings both scale and accuracy into forecasting with the help of Machine Learning (ML) and Deep Learning (DL) technologies.



## Auto Build & Calibrate

Fully automated forecast generation with minimal manual intervention.

## Multivariate Forecasting

Layered with external data such as weather, internal data such as advertising spend and factors inherent to each industry for greater accuracy.

## Multiple Frequency Forecasting

Forecast as needed without limitations. Generate results daily, weekly, monthly and quarterly with multiple forecasting horizons.

## What-if Analysis

Compare forecasts under multiple market conditions and scenarios.

## Customized Models

Highly customized algorithms allow personalized and company specific demand forecasting and inventory planning.

## Minimal Data Points

Build forecasting models using available data points as few as it may be and gradually scale up to capture any number of complex datasets.

## Self-Validation

Verify & evaluate your own forecasts without the help of a Data Scientist.

## Simplified Integration

Self-configuration and integration leading to faster setting up.

## Optimized Inventory Management

Consider fluctuating supplier lead time based on historic variations and industry parameters for optimal inventory planning.

# From Data to Proactive Actions

Forecasts are meaningless unless they help you make decisions that have measurable impact. That is why **Forecast<sup>2</sup>** offers the means to translate your data into meaningful, business critical actions.

Coupled with multiple complementary add-ons, the functionality of **Forecast<sup>2</sup>** spreads across many important functions: Forecasting Demand, Scenario Generation & Inventory Optimization.

## Forecasting Demand

Generate demand forecast for 1000's of products at the most granular levels – outlet, distributor, warehouse, city or company levels. Besides taking into account company specific variables, you can include impact on demand due to external variables like rainfall, weather, macro-economic influencers (inflation, Consumer Price Index etc.), holidays, weeks of the month etc. - allowing you to build highly accurate demand forecasts for any number of SKUs, distribution channels or regions.



Over 90% Accuracy



Minimal data points



100 Customized models per hour



Simplified integration

## Scenario Generation

Generate and compare multiple forecasts for a multitude of situations and pick the best without being limited to one. Consider multiple situations in various dynamic market conditions and plan proactively to manage marketing campaigns, cost, production or even imports.



What-If analysis



Track and manage projections



05 Simple clicks



Improved profits

## Inventory Optimization

Combine highly accurate demand forecasts with supply chain information to arrive at an optimal purchasing plan for each SKU. Eliminate unnecessary stock buffers while avoiding an out of stock situation and significantly reduce your working capital.



Less than 0.01% out of stock situation



Up to 15% reduction in inventory costs



Automated order plan generation



Increased supply chain agility

# Is Forecast<sup>2</sup> right for you?

Built to counter some of the most current and critical business challenges in rapidly evolving environments, **Forecast<sup>2</sup>** is the preferred solution for many organizations across multiple industries.



## Pharmaceutical

### Drive profitability and revenue growth

Large pharmaceutical chains use **Forecast<sup>2</sup>** to generate their demand forecasts for each drug for a horizon of 6-9 months into the future. Whilst achieving forecasting accuracies above 90%, these organizations have minimized inventory schedules by much as 15%.



## Consumer Packaged Goods

### Maximize channels sales and increase efficiency

CPG Manufacturers across regions use **Forecast<sup>2</sup>** to quantify the impact of many influencing external & internal factors. Forecasting over 90% accuracy in demand, this forecast is being used to optimize ordering schedules and plan the manufacturing & logistics processes.



## Retail

### Streamline operations and increase sales

Offline & online retail chains operating internationally trust **Forecast<sup>2</sup>** to help them streamline their supply chain and delivery logistics. By applying 90% accuracy in forecasts these retailers have successfully increased the average order value, forecasts number of shoppers by outlet & optimizes ordering schedules on a daily basis.



## Food & Beverage

### Increase customer retention and reduce wastage

Many F&B chains & restaurant services rely on **Forecast<sup>2</sup>** to manage their supply chain and optimize inventory on a daily basis. By forecasting customer demand and supply variations these organizations are able to increase customer satisfaction, retain regular customers and reduce wastage of perishables.



**Forecast<sup>2</sup>**

**Contact us to learn more about Forecast<sup>2</sup>  
and to schedule a free demo.**

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