

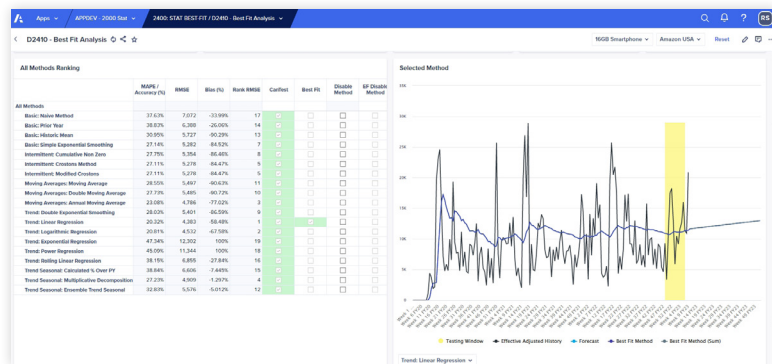


Data-driven Statistical Forecasting



You've probably heard the saying that good forecasts are a combination of art and science. The "art" is based on the expert judgement of the planners like you and the wider business they represent. The art comes from how you apply your knowledge of your market, your customers and your competitors.

In parallel, there is a valuable place for "science." Powerful results can be achieved by employing historic data and other datasets. A statistical forecast, derived from underlying trends and seasonality, provides a solid baseline, allowing you and your organization to focus on the incremental and tangible events which create an impact.



✓ Forecast accuracy testing and best fit selection

A powerful analytical solution, enabling organizations to exploit their data to establish a forecast

Statistical Forecasting is a powerful forecasting application that delivers a wide range of industry-standard algorithms that lets you take control of your demand plans and supply chain. Powered by the Anaplan platform, Statistical Forecasting harnesses powerful analytics to deliver real-time calculations that ensure your organization can be both proactive and responsive. The application is fully compliant with S&OP and IBP frameworks and flexible enough to support local process variations.

OUTCOMES

- Immediate forecast baseline
- Identification of key discussion points
- Rapid iteration of plan updates
- Reduced planning cycle times and effort
- Increased process automation

BENEFITS

Planning Productivity

40%

Forecast Accuracy

25%

Key features

Real time

Statistical Forecasting processes your data in real-time, without the need to wait for calculation routines. The results are readily available for downstream consumption and use.

Controllable

Statistical Forecasting includes wide parameters so that experienced planners like you have complete control over how it operates. These parameters allow you to tune it to the dynamics of your specific business.

Transparent

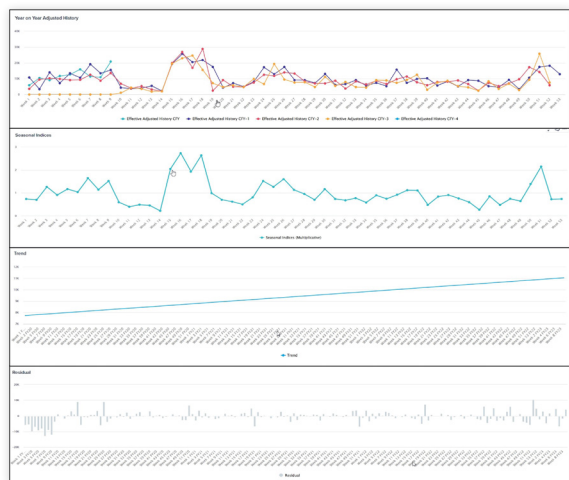
Statistical Forecasting eliminates the mystery associated with forecasting algorithms. How forecasts are calculated is clear to you, so you can have total confidence in the results.

Intelligent

Statistical Forecasting helps you make the right choices. It tunes the parameters to provide optimal inputs, and it tests the results to identify the most accurate forecast. It does the heavy lifting for you.

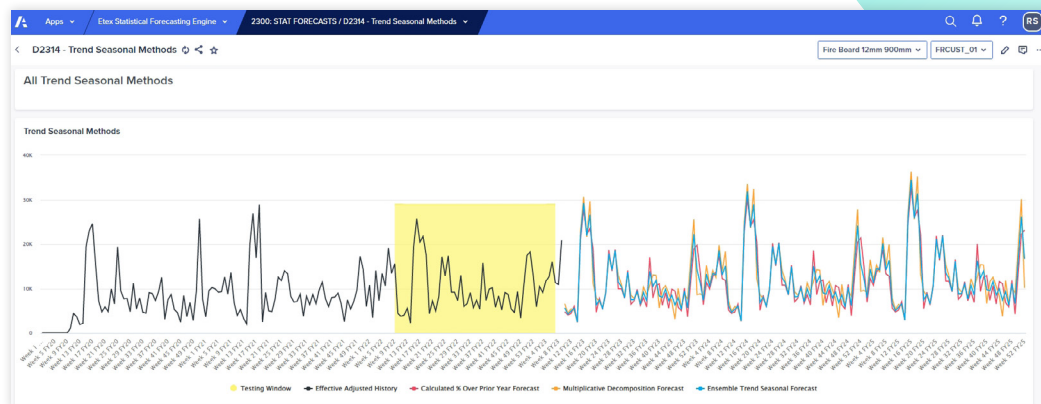
Powered by Anaplan

Statistical Forecasting is built on the Anaplan platform, a world leading cloud-based planning and modelling solution. It benefits from the Anaplan platform's enterprise scalability, in-memory processing, performance, and security.



Seasonality Analysis

19 Industry standard algorithms



Process Capability

1. Control & Analysis

Parameter Optimization

- Automated optimization of parameters
- Manual override of system recommendations

Algorithm Testing

- Best fit analysis and selection
- Wide set of parameters to control best fit selections
- Manual override of best fit

Multilevel Forecasting

- Independent forecasting at all levels of the hierarchy
- Ability to disaggregate higher level to lower

Analysis

- Trend and seasonal analysis
- Demand Sensing

2. Statistical Forecasting Algorithms

Basic

- Naive method
- Prior year
- Historic mean
- Simple exponential smoothing

Intermittent

- Cumulative non-zero
- Customs method
- Modified Crostons

Moving averages

- Moving average
- Double moving average
- Annual moving average

Trend

- Double exponential smoothing
- Linear regression
- Logarithmic regression
- Exponential regression
- Power regression

Trend seasonal

- Calculated percentage over PY
- Holt-Winters
- Multiplicative Decomposition
- Ensemble Trend Seasonal

About Anaplan

Anaplan transforms the way you see, plan, and lead your business. By dynamically connecting financial, strategic and operational plans in real-time, Anaplan gives you the power to anticipate change, address complexity, and move at the speed of the market. Anaplan's Connected Planning Platform lets you view and contextualize current performance, forecast future outcomes to fuel growth and mitigate risk, and optimize costs so you can make faster, more strategic decisions. Anaplan supports more than 2,000 industry-leading brands in over 50 countries navigate their daily planning challenges with confidence.

To learn more, visit [Anaplan.com](https://anaplan.com)