



/anaplan

Driving a new age of
connected planning

Statistical Forecasting Methods

Overview of all Methods from Anaplan Statistical Forecast Model

Predictive Analytics



30 Forecast Methods

Including:

- Simple Linear Regression
- Simple Exponential Smoothing
- Multiplicative Decomposition
- Holt-Winters
- Croston's Intermittent Demand

Forecasting Methods Summary



Curve Fit

Capture historical trends and project future trends, cyclical or seasonality factors are not factored in.

- ✓ Trend analysis
- ✓ Long term planning



Smoothing

Useful in extrapolating values of given non-seasonal and trending data.

- ✓ Stable forecast for slow moving, trend & non-seasonal demand
- ✓ Short term and long term planning

Seasonal Smoothing

Break down forecast components of baseline, trend and seasonality.

- ✓ Good forecasts for items with both trend and seasonality
- ✓ Short to medium range forecasting



Basic & Intermittent

Simple techniques useful for specific circumstances or comparing effectiveness of other methods.

- ✓ Non-stationary, end-of-life, highly recurring demand, essential demand products types
- ✓ Short to medium range forecasting



Forecasting Methods List



Curve Fit

Linear Regression
Logarithmic Regression
Exponential Regression
Power Regression



Smoothing

Moving Average
Double Moving Average
Single Exponential Smoothing
Double Exponential Smoothing
Triple Exponential Smoothing
Holt's Linear Trend



Seasonal Smoothing

Additive Decomposition
Multiplicative Decomposition
Multiplicative Decomposition Logarithmic
Multiplicative Decomposition Exponential
Multiplicative Decomposition Power
Winter's Additive
Winter's Multiplicative



Basic & Intermittent

Croston's Method
Zero Method
Naïve Method
Prior Year
Manual Input
Calculated % Over Prior Year
Linear Approximation
Cumulative
Marketing End-of-Life
New Item Forecast
Driver Based
Gompertz Method
Custom