

Forecasting AI



In the food & beverage industry, demand is influenced by far more than just historical sales—weather, seasonality, promotions, local events, and even viral trends can shift buying patterns overnight. Traditional forecasting falls short, leading to stockouts on high-demand items and costly spoilage on slow movers.

Hypersonix Forecasting AI delivers precise, adaptive demand forecasts that help food & beverage retailers, brands, and distributors plan smarter, waste less, and capture more sales—whether it’s fresh, frozen, packaged, or seasonal specialty products.

Key Features



Perishability-Aware Demand Forecasting

Incorporates shelf life, lead times, and sales velocity to ensure the right quantity of fresh and short-shelf-life products.

Best Fit: Planning daily bakery output or fresh produce orders to align with store traffic and weather shifts.



Seasonal & Event-Based Forecasting

Adapts forecasts for holidays, local festivals, and sporting events that drive predictable spikes in certain categories.

Best Fit: Preparing for beverage and snack surges during summer holidays or big game weekends.



Promotion-Responsive Forecasting

Models lift from discounts, bundles, and campaigns to match inventory with promotional demand.

Best Fit: Anticipating increased demand for family meal kits during “Buy 2 Get 1” offers.



New Product & Trend Demand Modelling

Predicts sales for new or low-history SKUs by leveraging category-level patterns and trend data.

Best Fit: Estimating demand for a newly launched plant-based frozen entrée or functional beverage.



Omnichannel Forecast Visibility

Forecasts demand across in-store, eCommerce, and wholesale channels to align sourcing and replenishment.

Best Fit: Balancing store and online orders for specialty desserts during peak seasons.

Trusted by leading global brands including:



**LIVING
SPACES**



COALATREE
ECO-MINDED GOODS

