Demand Forecasting Dashboard

AI-powered demand predictions and inventory optimization

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Use Case: demand-forecast

Forecast Summary

Products Analyzed: 100
Average Forecast Accuracy: 92.5%
Stockout Risk Items: 21
Overstock Items: 9
Reorder Recommendations: 21
Seasonal Trending Items: 23

Top Demand Predictions (Next 7 Days)

Product	SKU	Current Stock	Predicted Demand	Confidence	Stock Status	Seasonal Impact	Action
Product 1	SKU-X88L4B	601	240	89.8%	OK	Normal	Monitor
Product 2	SKU-0PIO67	54	27	86.5%	OK	Normal	Monitor
Product 3	SKU-L1H3BJ	431	150	88.8%	OK	Normal	Monitor
Product 4	SKU-PSZVOA	929	306	87.2%	OK	Normal	Monitor
Product 5	SKU-E9FJ82	214	355	85.2%	REORDER	Normal	Order Now
Product 6	SKU-54MZ1E	109	180	87.8%	REORDER	High	Order Now
Product 7	SKU-NFKPVA	369	58	86.5%	OK	Normal	Monitor
Product 8	SKU-LT35MB	787	147	89.8%	OK	Normal	Monitor
Product 9	SKU-DZT3R4	513	88	94.0%	OK	Normal	Monitor
Product 10	SKU-DRNUCK	372	222	89.8%	OK	Normal	Monitor

Optimization Recommendations

• Increase safety stock for top 10 SKUs due

to upcoming holiday season

- Reduce inventory for slow-moving items in Electronics category
- Implement dynamic reorder points based on ML predictions
- Consider promotional pricing for overstocked items
- Adjust lead times with suppliers for high-velocity products
- Enable auto-replenishment for stable-demand SKUs