

Five Areas To Apply AI in Your Food and Beverage Operation



97% of North American food and beverage companies are **exploring or implementing an artificial intelligence (AI)** strategy. Yet many organizations are still unsure how to harness its full potential.

New research by Aptean has identified **five key areas where manufacturers can successfully apply AI** to drive tangible business improvements:

1. Data Analysis

AI's advanced analytics capabilities help food and beverage manufacturers identify market trends and make data-driven decisions with greater accuracy and speed.

2. Supply Chain and Logistics

From production planning to inventory management and quality control, AI is enhancing how manufacturers manage supply chain operations and ensure product consistency.

3. Performance Optimization

AI-powered systems help improve production efficiency, improve data accuracy and reduce errors across manufacturing facilities.

4. Customer Satisfaction

Food and beverage manufacturers are leveraging AI to deliver personalized experiences by analyzing customer feedback and developing products that better meet market demands.

5. Workplace Management

AI streamlines workforce scheduling, automates administrative tasks and provides data-driven insights for better training programs and team performance.

How Are Food and Beverage Manufacturers Using AI?

Here's some examples of how food and beverage manufacturers are planning to use AI, in their own words:

"AI's demand forecasting capabilities will help us more accurately predict market demand, optimize inventory management, reduce inventory backlogs and ensure the smoothness of the supply chain."

U.S.-based dairy products manufacturer, \$100M+ revenue

"AI automates repetitive tasks such as data entry, document processing and financial report generation to reduce manual errors and improve efficiency."

Canadian flavoring and sauces manufacturer, \$100M+ revenue

"We're using artificial intelligence for accurate predictions to determine the next trend."

U.S.-based agricultural products company, \$20M-\$99M revenue



AI-Powered Innovation: Aptean Food & Beverage ERP

Aptean Food & Beverage ERP, built on Microsoft Dynamics 365 Business Central, now offers enhanced AI capabilities through Copilot and Azure extensions. These powerful features include:

- › **Sales and Inventory Forecast:** predict potential sales and stock-outs, then auto-generate replenishment orders
- › **Marketing Text Suggestions:** auto-generate marketing content in seven languages based on item attributes
- › **Assisted Analysis:** conduct data analysis using natural language instructions
- › **Chat with AI Assistant:** use conversational language to access critical data and self-serve support
- › **Sales Line Suggestions:** optimize sales orders based on customers' expected purchase patterns

Ready to see how AI-powered ERP software can enhance your food and beverage operations? **Schedule a personalized demo today.**

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