

## Elevate restaurant management with Computer Vision AI

- ✔ Save food waste costs and improve profit margins
- ✔ Control order and ingredient consistency and reduce COGS
- ✔ Improve the customer experience and increase repeat business

### Better connect with your customers to drive growth

Gain insights from your images and video data using computer vision. Make data-driven decisions to drive business performance. Use computer vision to understand customer sentiment, staffing and wait times and environmental safety and security to better understand ways you can save money and grow your operation.



### Optimize operations and drive profits with AI-powered data

#### Control order consistency and brand quality

Determine whether your kitchen staff is adhering to recipes and portion sizes and uncover sources of waste and theft. Ensure consistency of meal presentation to maintain brand reputation.

#### Create safe establishments

Monitor restaurant counts and heatmapping of people to ensure social distancing. Send real-time alerts if PPE or hand washing protocols aren't followed.

#### Improve customer experience

Track drive-through traffic volumes during the day to staff appropriately with object detection. Quickly identify long lines, untidy areas, missing hosts and customer bounce rates to take immediate action.

#### Gain better customer intelligence

Use sentiment and demographics analysis to better serve your customers. Tailor your marketing campaigns, understand customer satisfaction and better leverage food sale trends and patterns.





# QUICK-SERVE RESTAURANT SOLUTIONS

## USE CASE IN FOCUS

# Scale profits by reducing food waste

Streamline food waste reduction using computer vision

### PROBLEM

The people and time it takes to monitor food waste manually isn't practical. Without a consistent process for food waste measurement, cost forecasting isn't reliable. Accurate measurement of food waste not only reduces what you spend on the cost of goods, but also serves for good marketing which can attract more environmentally conscious customers.

### SOLUTION

Recognize the food being thrown out and how much with more accuracy than the human eye. Computer vision can validate what type of food is discarded—protein, vegetable, starch, bread—and send data to back office inventory management systems. Using computer vision and AI-driven data can help calculate the financial and environmental cost of discarded food.

### RESULTS

**7x ROI**  
for every \$1 invested in reducing food waste—save \$7

World Resources Institute

**4-12%**  
increase in revenue

### WHY CLARIFAI

Clarifai is the leading independent platform for computer vision and artificial intelligence. We provide an enterprise-level, end-to-end AI lifecycle solution. Our award-winning platform, helps organizations worldwide gain insights and better leverage their image, video and text data. Our platform uses deep learning to tackle visual search and facial recognition use cases in the most secure environments. Our award-winning technology team has built an easy-to-use UI to build and train classification and detection models. Customers worldwide trust Clarifai to gain valuable insights from their images, videos and documents. For more information visit [clarifai.com](https://clarifai.com).

