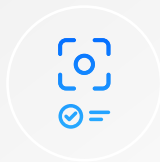**HBS**

AI Advance

Build powerful AI tools. Generate new insights
from your data. Advance your organization.

Intelligent. Proactive. Adaptive.

New AI technologies have the potential to transform how organizations operate and go
to market. Imagine optimizing operations with digital twins, tailoring marketing strategies
through instant customer insights, and enhancing quality control with advanced vision
systems. With AI Advance, we'll help you identify opportunities—then custom-build
AI tools that help you anticipate and head off problems, optimize processes in real time,
and gain deeper insights into your data.

Opportunities with AI Advance

Vision Systems

Ingest images and video, analyze, and
generate intelligent outputs.

Examples include:

• Recognizing faces

• Tracking quality of manufacturing output

• Classifying images based on
  defined parameters

Real-Time Streaming Analytics

Gain insights from data as it's generated.

• Integrate real-time data with
  business processes

• Build digital twins for analysis
  and innovation

AI Advance:
Common Uses and Benefits

1. Real-Time Data Streaming for Manufacturing

Custom-built vision systems enable automated quality inspection, feeding real-time data that allows manufacturers to catch defects as they happen, make adjustments and take corrective action.

2. Facial Recognition for Customer Experience

Detecting faces from a video stream, organizations can identify specific individuals, gauge facial features and expressions, and personalize experiences with automated information and messaging.

3. Digital Twins for Quality Improvement

A manufacturer might create a digital twin of their production floor to test configurations, identify bottlenecks or areas for improvement, and make adjustments to maximize output—all before committing to a physical layout that would be costly to change.

Interested in advancing your organization with AI?

Contact us at hbs.net or email inquiry@hbs.net to learn more.

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