



# AI ROADMAP FOR RETAIL

Customer-Focused Innovation to Stay Ahead of the Game

## Why It Matters

AI is crucial in retail as it helps meet heightened customer expectations by delivering personalized services, seamless interactions and sustainable practices. It enables retailers to navigate evolving market trends and consumer behavior – optimizing pricing strategies and inventory management for profitability. Additionally, AI assists in adapting to regulatory and operational challenges, ensuring compliance and resilience in the face of disruptions. 3Cloud’s AI Roadmap is designed to discover, rationalize, prioritize and prototype your AI use cases based on business value and ROI.

## Questions You Should Ask

Do you want to enable customer-first retail with personalized, timely content that boosts sales and loyalty?

Do you want to empower your sales teams to serve & delight customers through user profiling & recommendations?

Do you want smarter inventory management using machine learning to predict sales?

**80%** of retail executives expect their companies to adopt AI-powered intelligent automation by 2027\*  
\*Comp.TIA.IT Industry Report 2024

## Imagine What *YOU* Could Do

- Predictive Maintenance
- Energy Management
- Smart Manufacturing & IoT Integration
- Quality Control & Inspection
- Robotic Process Automation (RPA)
- Process Optimization
- Supply Chain Optimization
- Predictive Analytics for Sales & Operations
- Augmented Reality & Virtual Reality

# How It Works

We'll collaborate with your team to identify, prioritize and prototype AI use cases. We have a strong, repeatable process designed for AI engagements within the retail industry. Beginning with use case discovery and rationalization, we then move into rapid prototyping and conclude with a detailed implementation strategy for enabling your generative AI on top of a strong AI foundation. We come armed with the latest patterns, practices, tools and shortcuts to move you quickly from ideation to prototype and concrete plan, ensuring seamless integration for your retail operations.

- 1. Rationalize Retail Use Cases** Through targeted workshops, you'll gain retail-specific insights and expert guidance on integrating AI into your existing operations. We'll help you identify and prioritize AI-driven solutions, ensuring each initiative is backed by solid business impact assessments. Begin your AI journey with a clear, actionable roadmap designed to transform the retail sector.
- 2. Transform AI Potential Into Retail Reality** Through our interactive live prototyping and high-level proof of concept (POC) sessions, you'll see firsthand what your potential AI solutions could achieve. Engage in "Art of the Possible" demonstrations, whiteboard sessions and hands-on prototyping to refine requirements and designs collaboratively. Our goal is to simulate real-world performance using your data, enabling you to visualize the impact and effectiveness of the solution, ensuring that the final product aligns perfectly with your expectations and business needs. Build trust and gain assurance as we transform theoretical AI potential into a demonstrable prototype for retail.
- 3. Create a Plan** Collaborative planning and architectural design ensure a smooth transition to your top-priority AI use case in the retail sector. Engage in agile planning sessions to create a prioritized backlog, capturing key implementation requirements. Build a robust project proposal with timelines and cost estimates. Design a tailored Azure architecture that aligns with your data flows, integrations, and future state requirements. By the end of this phase, you'll have a comprehensive, production-ready architecture plan, enabling confident deployment of a transformative AI solution.
- 4. Establish a Vision for Retail AI Integration** Lay the groundwork for transformative AI success with a clear and actionable roadmap for your generative AI initiatives, aligning early projects with your strategic 12-month goals. We'll help you identify crucial projects and evaluate your foundational readiness, ensuring your business is primed to leverage AI at scale. Together, we develop a strategic plan that assesses your data estate and application readiness and sets the stage for effective AI integration across your organization.

## Your next Azure engagement may be eligible for Microsoft funding

### Accelerate Your Azure Journey With 3Cloud

3Cloud is the premier pure-play Azure partner in the ecosystem with unparalleled expertise in all things Azure. We specialize in delivering top-tier Azure infrastructure, cutting-edge AI, robust data & analytics and ground-breaking app development. Leveraging our extensive experience, advanced tools and customized accelerators, we ensure the quickest time to value for your Azure-based projects.

\*Microsoft Partner Top Honors since 2017. Visit [3cloudsolutions.com](https://3cloudsolutions.com) for a full list of awards.

