**Objective:**

To alleviate a major commercial inefficiency through AI-intervention, targeting enhanced financial decision-making and customer engagement for the retail commerce industry.

**Domain: Retail Commerce – Inventory and Sales Optimization**

**Problem Statement:**

Small and medium-sized retailers tend to suffer with forecasting demand, and thus end up overstocking or stock out. These inefficiencies cost revenue, create waste, and deliver poor customer experience. Real-time responsiveness to market dynamics, customer desires, and seasonal patterns is not provided in manual inventory planning.

**Proposed AI Agent: Smart Stock**

Smart Stock is a smart AI agent that supports retail companies by predicting demand for products, rationalizing stock levels, and recommending dynamic pricing. It learns in real-time from sales data, customer behavior, local events, and global market trends. It communicates through an easy-to-use dashboard or chatbot platform with retail managers, providing actionable insights and reorder notifications.

**Measurable Impact:**

* Sales Growth: Up to 20% sales growth due to lower stockouts and improved product availability.
* Cost Savings: 30–40% lower inventory carrying costs, reducing waste and dead stock.
* Empowerment: Increases data-driven decision-making capability of small retailers, particularly in rural and semi-urban markets.

**User Interaction Design (Bonus):**

Retailers interact via a mobile application or WhatsApp chatbot, available in regional languages, facilitating inclusive uptake and real-time decision support.