Pulse.Retail.AI for Category Managers

Put your finger on the pulse of every shelf - optimize, act, and grow.

What is Pulse.Retail.AI?

Pulse.Retail.AI is a real-time planogram analytics platform that empowers category managers to maximize shelf performance, assortment strategy, and compliance-across every store, cluster, and country.

Key Business Pain Points

- ≫ Fragmented, manual planogram data slows decisions and hides execution gaps.
- ≫ Suboptimal shelf allocation risks lost sales and overcrowded shelves.
- ≫ Limited visibility makes compliance and rapid response difficult.

How Pulse.Retail.AI Solves Them

- ≫ **Unified Dashboard:** Instantly visualize KPIs - Share of Shelf, Fair Share Index, Days of Supply, Revenue/Volume per Cubic Meter, SKU count.
- ≫ **KPI Pinning & Dynamic Analytics:** Pin critical metrics during planogram design and rollout for immediate feedback and smarter allocation.
- ≫ **Store & Country Views:** Drill down from national trends to individual store performance, identifying execution gaps and growth opportunities.
- ≫ **Automated Alerts:** Threshold breaches (e.g., low FSI, DoS) flagged instantly for prioritized corrective action.

What Category Managers Get

- ≫ **Faster, Smarter Decisions:** Move from reactive reporting to proactive optimization with an **AI-powered recommendation engine** that suggests SKU rebalancing, facings, and planogram changes in real time
- ≫ **360° Shelf Performance:** End-to-end, **dynamic and real-time** visibility of assortment, space utilization, SKU execution, and **profitability indexing -** live insights instead of static reports.
- ≫ **Operational Efficiency:** Automated compliance monitoring, exception alerts, and bulk updates remove manual workload-delivering immediate efficiency gains from a **12-week rapid deployment.**

Business Impact

- ≫ **Maximized Sales & Visibility:** Ensure high-performing SKUs get the space they deserve, driving revenue and market share.
- ≫ **Reduced Lost Sales:** Proactively manage inventory and prevent stockouts with real-time Days of Supply alerts
- ≫ **Consistent Execution:** Achieve planogram compliance and operational excellence across every store and region.

Pulse.Retail.AI gives category managers the power to optimize every shelf, every SKU, and every store - turning data into decisive action and measurable growth.

Data ingestion and storage S3, Airflow, Glue and Redshift	Visualisation/UI Java, Python, Quicksight, FastAPI and Microservices	Model Development and OPs Python, TensorFlow, SageMaker and Dockers

aws — S3 — QuickSight — Sagemaker — Glue — Airflow

Docker — FastAPI — Python — Llamaindex — Milvus — LLM

LangChain