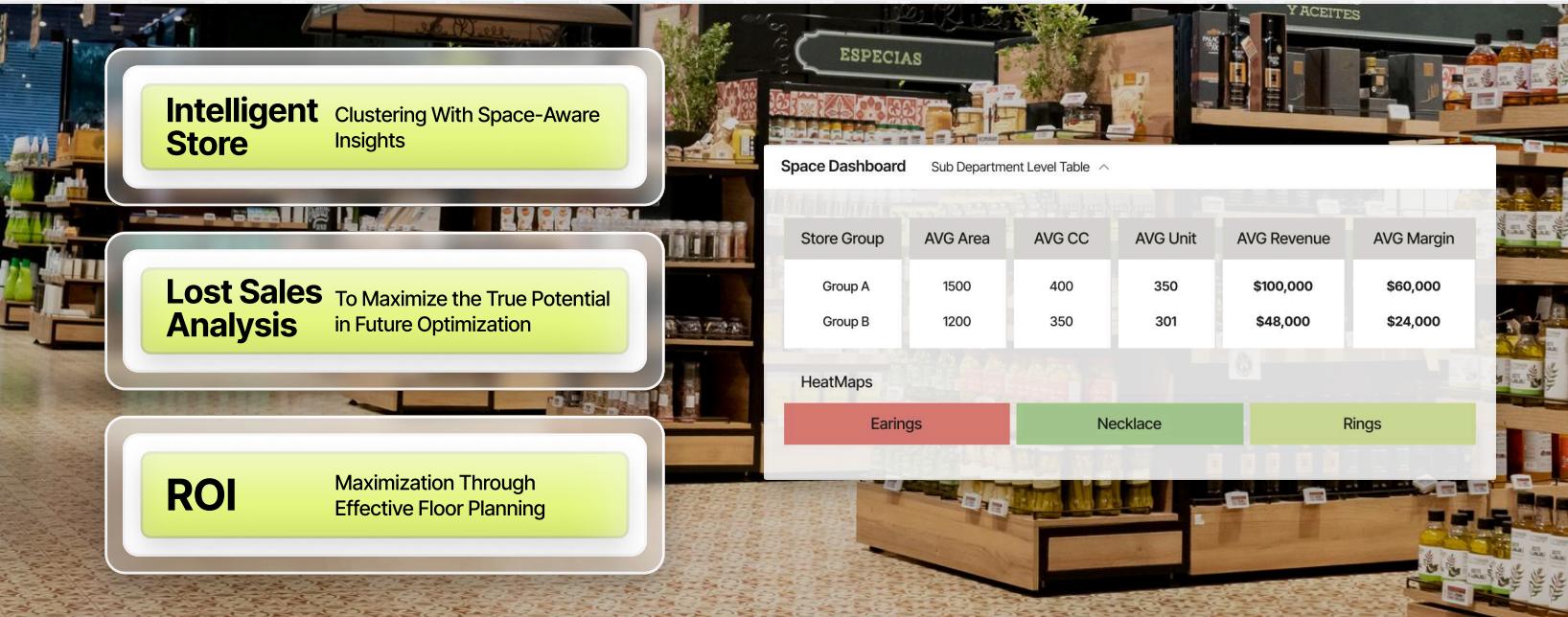# SpaceSmart™

IMPACT ANALYTICS

AI-native SpaceSmart optimizes macro space allocation and maximizes sales and margins by transforming each store's selling space into a high-performing asset.

Intelligent Store Clustering With Space-Aware Insights

Lost Sales Analysis To Maximize the True Potential in Future Optimization

ROI Maximization Through Effective Floor Planning

Space Dashboard Sub Department Level Table

Store Group	AVG Area	AVG CC	AVG Unit	AVG Revenue	AVG Margin
Group A	1500	400	350	$100,000	$60,000
Group B	1200	350	301	$48,000	$24,000

HeatMaps

Earings	Necklace	Rings

Key Features

SpaceSmart leverages space elasticity to optimize macro-space and floor plans which are key to enabling customer-centric assortments.

✓ **AI-native space elasticity analysis** to optimize shelf performance and product placement.

✓ **Optimization recommendations** at store group and store level for better space execution.

✓ **Floor planning driven by macro-space optimizer** for maximum efficiency and profitability.

✓ **Support for store ordering** when paired with InventorySmart.

✓ **Affinity and adjacency analysis** revealing insights to improve layout and cross-selling.

✓ **Easy integration with assortment planning** for unified space and product optimization.

Client Outcomes

SpaceSmart improved store space utilization for a leading department store chain in the U.S., helping it capture $20M in value.

The brand struggled to create store-specific space plans, leaving a third of stores underperforming in margin yield. Using SpaceSmart, they analyzed sales, footfall, and store type to optimize layouts—freeing 10% of space and adding $20M in sales through smarter space utilization.

About Impact Analytics

Impact Analytics delivers AI-native SaaS solutions and consulting services that help companies maximize profitability and customer satisfaction through deeper data insights and predictive analytics leveraging Agentic AI. Our end-to-end platform for planning, forecasting, merchandising, pricing, and promotions powers smarter, real-time decisions across retail, grocery, QSRs, CPG and manufacturing.

Clients Who Trust Us

RALPH LAUREN · COACH · Tommy Bahama · carter's · kate spade NEW YORK · Levi's · patagonia · VICTORIA'S SECRET · STARBOARD · TiLLYS · LESLIE'S · FOSSIL

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The Impact Analytics Smart Platform

Native AI & ML | End-to-End | Seamless Integration | Rapid Implementation

Merchandising

PlanSmart™ (MFP)
Merchandise financial planning

AssortSmart®
AI-native assortment planning

VisualSmart™
AI-native visual line planning

SizeSmart™
Optimize size curves using AI

ItemSmart™
AI-native item planning

StoreSmart™
AI-native store intelligence

Supply Chain

InventorySmart® (Allocation & Replenishment)
End-to-end inventory management & planning

SourceSmart™
AI-native sourcing optimization

SpaceSmart™
Space planning & optimization

Pricing & Promotions

PriceSmart®
Unified lifecycle pricing

BaseSmart™
AI-native base price optimization

PromoSmart®
AI-native promotion planning & optimization

MarkSmart®
AI-native markdown optimization

TradeSmart™
Trade promotion planning & optimization

Business Intelligence

CortexEye™
AI-native decision intelligence system

AttributeSmart®
AI-native product tagging and attribution management

TestSmart®
Hypothesis-driven automated testing

ForecastSmart™
AI-native demand planning & forecasting engine

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