

CLIENT

A leading multinational skincare brand

INDUSTRY CPG



OBJECTIVE

In the competitive beauty industry, the client, a leading skincare brand, faced delays and high costs with traditional concept testing methods and also struggled with panel diversity. To address these issues, the brand reached out to C5i to explore if we could leverage the power of AI to conduct the Concept Test without going to the panel providers and spending on sample data. The client wanted an automated AI-based solution to conduct the early innovation concept tests with high speed and efficiency.





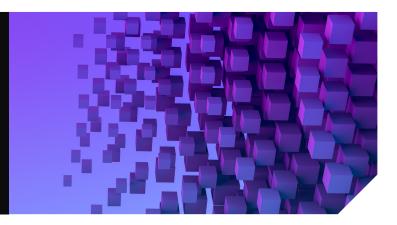




The skincare brand finalized categories for testing, including sunscreen, moisturizer, luxury, and hydration, and determined sample sizes, audience groups, demographics, and key metrics.

Leveraging past concept test results, C5i developed robust **Virtual Personas** – representing well-defined target audience groups – using Generative AI (GenAI) and **Large Language Models (LLMs)** with **Agent-based Retrieval-Augmented Generation (RAG)** systems. The personas, trained on market studies, consumer reviews, and demographic data, simulated realistic consumer reactions across diverse markets and segments. The approach aimed to accelerate the concept-to-market process, reduce research costs, and enhance feedback accuracy by generating a wide range of consumer profiles from minimal initial data.

RESULTS / IMPACT



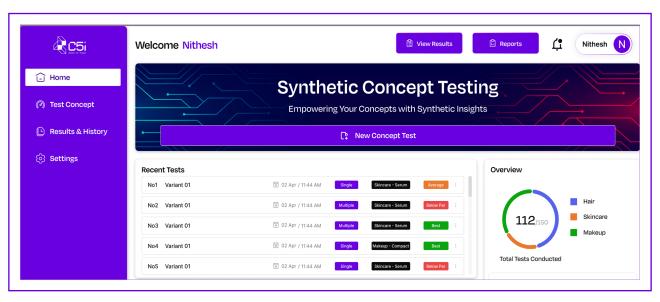
OVERALL IMPACT

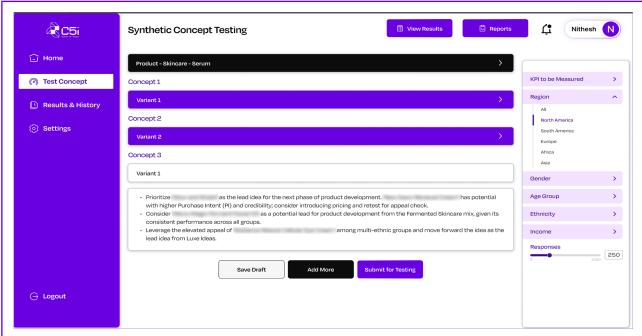
 Accelerated product development and improved product-market fit, strengthening competitive edge

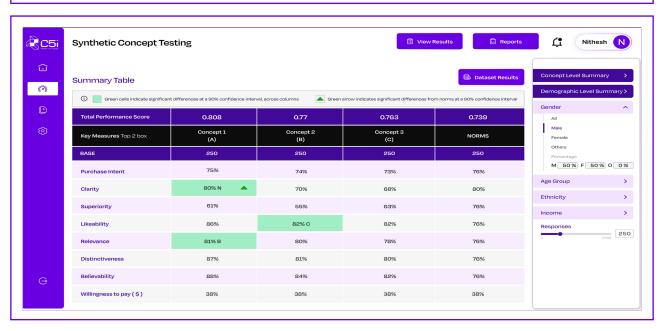
SPECIFIC RESULTS

- Provided data for each test concept, meeting sample sizes (250/concept) and demographics
- Identified winning concepts based on high scores in key metrics (e.g., purchase intention, distinctiveness)
- Recommended the winning concept in each category
- Validated accuracy by comparing synthetic data with actual respondent scores (80% similarity)
- Client is now expanding this solution in other geographies and subcategories
- C5i is now setting up a full-fledged automated reporting module for the same solution

SNAPSHOTS FROM THE REPORT







ABOUT US

C5i is a pure-play AI & Analytics provider that combines the power of human perspective with AI technology to deliver trustworthy intelligence to global corporations. The company drives value through a comprehensive solution set, integrating

multifunctional teams that have technical and business domain expertise with a robust suite of products, solutions, and services tailored for various horizontal and industry-specific use cases. At the core, C5i's focus is to deliver business impact at speed and scale by driving adoption of Al-assisted decision-making.

C5i caters to some of the world's largest enterprises, including many Fortune 500 companies. The company's clients include 4 of the top 7 companies in the world by market cap, 6 of the top 10 CPG companies in the world, and 5 of the top 10 pharmaceutical companies in the world. C5i has been recognized by leading industry analysts like Gartner, Forrester, and Everest Group for its Analytics and Al capabilities and proprietary Al-based solutions.



www.c5i.ai







