# MOFA Shopping

## Find It Faster, Buy It Smarter!

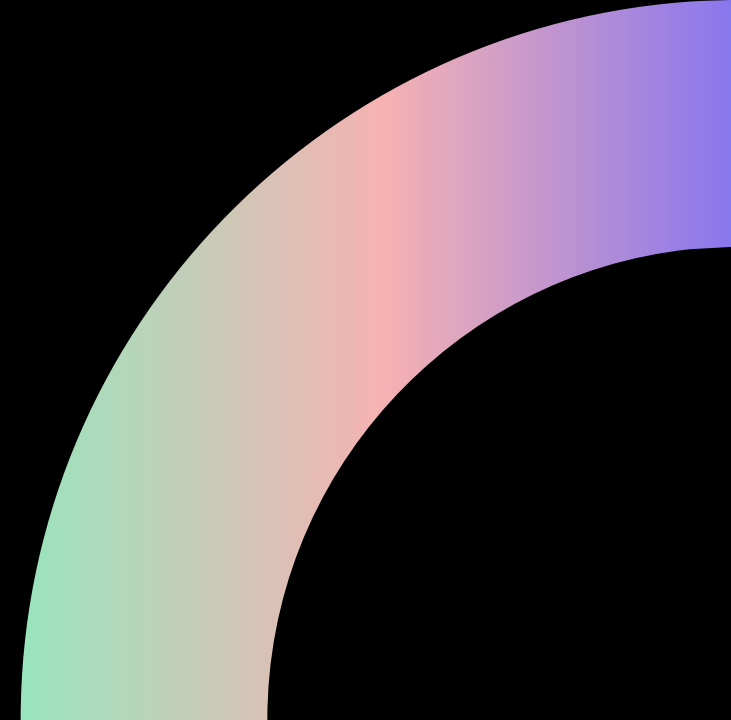Reported By SIMPLEST

**2024**

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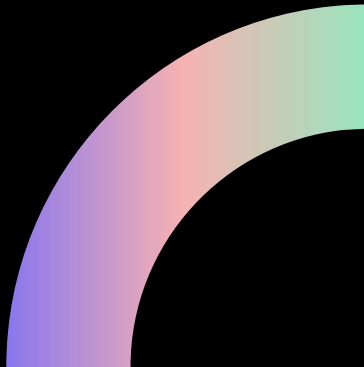
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# 01 Problem Overview

## "Endless Scrolling, Endless Struggle."

# Problem Overview

## Information Overload

When shopping across multiple e-commerce platforms, users are overwhelmed by a vast array of product choices and information, making decision-making difficult.

## Inefficiency

Currently, users must manually compare data across different platforms, wasting time and energy.

With so many products to choose from, how can users find the items that best meet their needs?

## Decision Fatigue

# 02 Our Solution

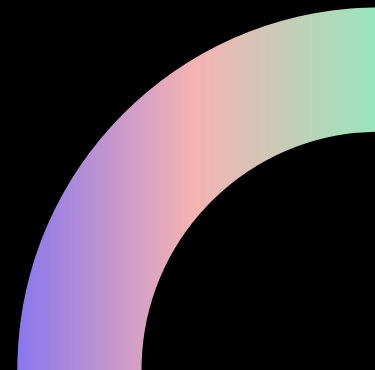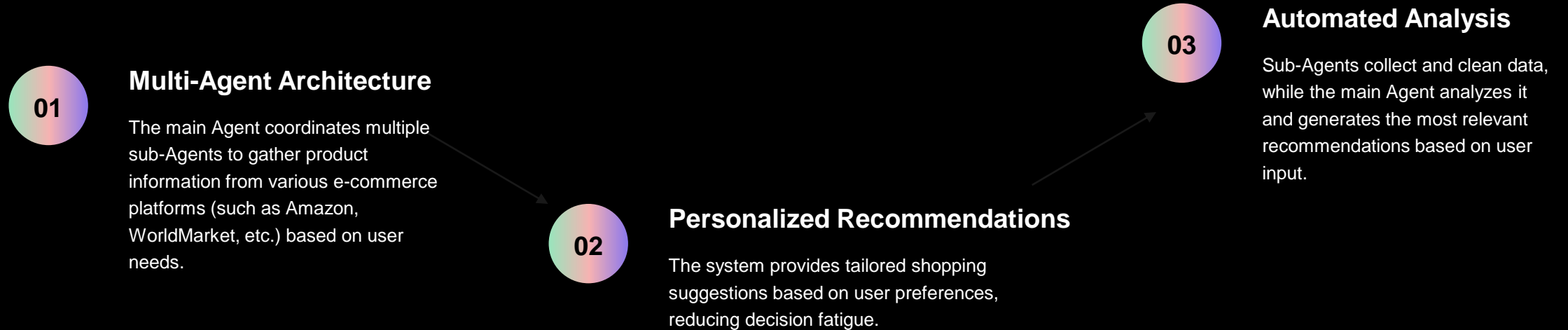**"Turning Chaos into Choice!"**

# Our Solution

**01**

## Multi-Agent Architecture

The main Agent coordinates multiple sub-Agents to gather product information from various e-commerce platforms (such as Amazon, WorldMarket, etc.) based on user needs.

**02**

## Personalized Recommendations

The system provides tailored shopping suggestions based on user preferences, reducing decision fatigue.

**03**

## Automated Analysis

Sub-Agents collect and clean data, while the main Agent analyzes it and generates the most relevant recommendations based on user input.
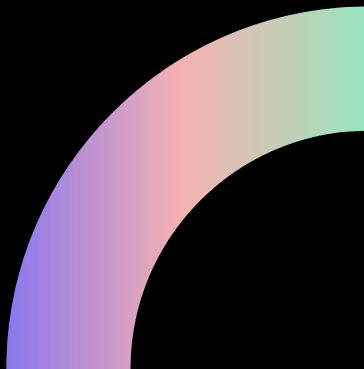
# 03 Implementation

**"Code Meets Cart**

**The Power Behind the Picks!"**

# Implementation

**01** **MOFA Framework**

The core of the system is built using the open-source MOFA framework, ensuring modularity and flexibility.

**02** **Dora-rs & Dataflow Technology**

Utilizing Dora-rs's dataflow technology, the system supports efficient data processing and seamless collaboration between modules, ensuring smooth and high-performance data flow across sub-Agents.

**03** **Multi-Platform Data Scraping**

Product information is gathered from various e-commerce platforms via API interfaces or web scraping techniques, enabling data aggregation and analysis.
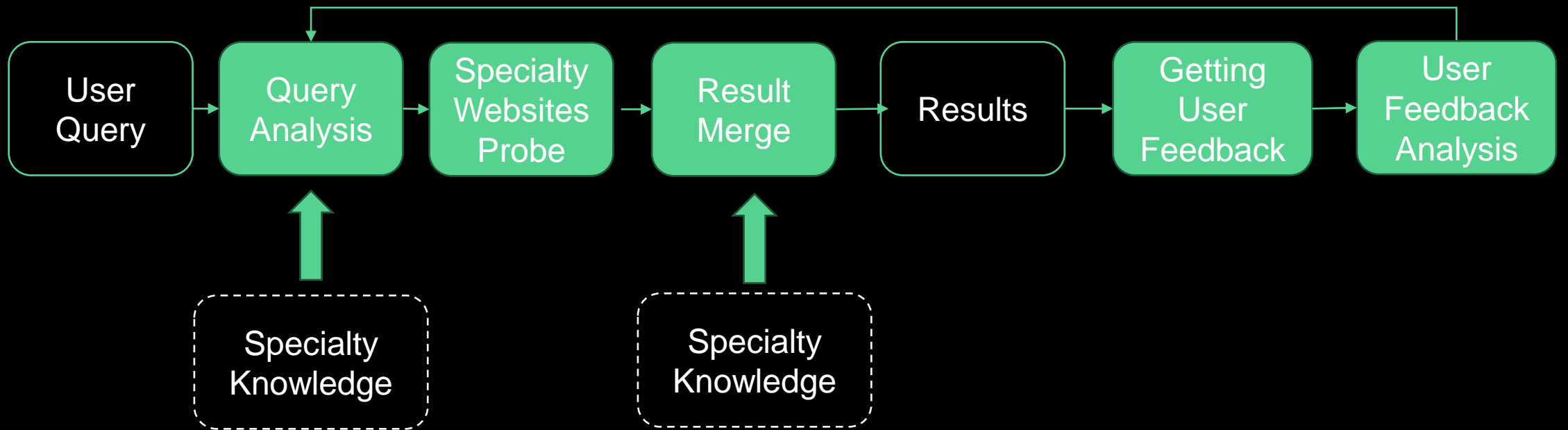
**03** **User Interaction**

Users express their needs through natural language, and Shopping-Agent intelligently processes and responds to the request.
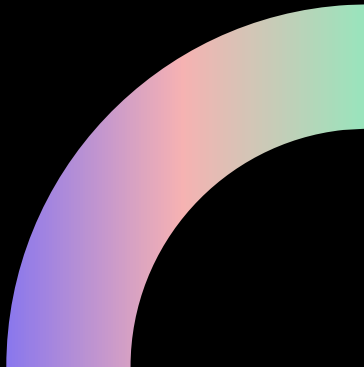
# Implementation

# 04 Potential Impact

**"Shaping the Future of Shopping!"**

**Potential Impact**

Enhanced Shopping Efficiency

Reduced Decision Fatigue

Advancing E-commerce

Expanding Application Scenarios

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# Thanks For Whatching

2024