MOFA Shopping

MOFA Shopping Find It Faster, Buy It Smarter!



Reported By SIMPLEST

2024

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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.

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

Decision Fatigue

Inefficiency

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

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.

Our Solution

CHATGPT

I need to find a lipstick for my girlfriend.

Since your girlfriend likes bright-colored lipsticks but prefers more everyday shades, you might want to look for a lipstick with a vibrant but not too intense tone, like a soft coral, peach, or rose. These colors can be bold enough to pop, yet subtle and wearable for daily use. Would you like me to help you find some options?



MOFA shopping

Shopping Agent UI

- I need to find a lipstick for my girlfriend.
- B Hi there! I would be delighted to assist you in finding the perfect lipstick for your girlfriend. To narrow down the options, could you please provide a bit more detail? Here are some questions to consider:
 - · What specific shades or colors does she prefer?
 - . Do you have a particular brand in mind, or are you open to exploring different options?
 - . What is your budget range for the lipstick?
 - Are there any specific features you are looking for (e.g., matte, glossy, long-lasting)?
 - . Is there a special occasion for this gift, or is it simply a thoughtful surprise?

Feel free to answer any or all of these questions!

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.

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.

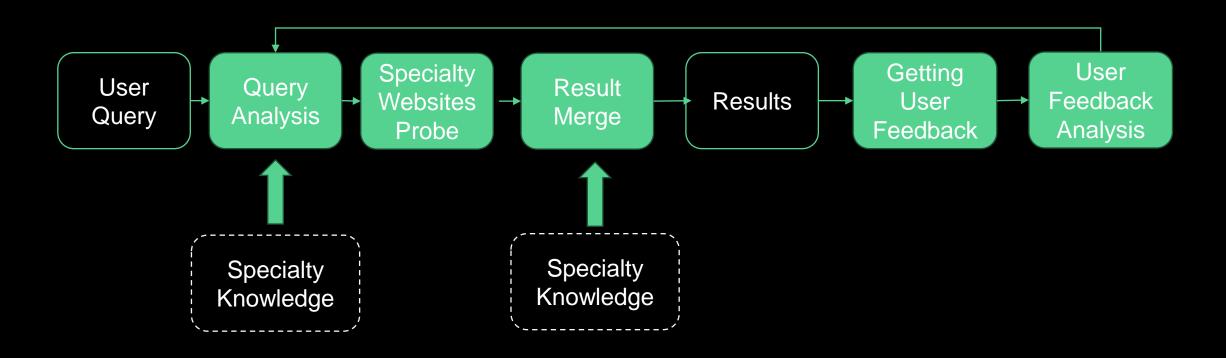
03 Multi-Platform Data Scraping

Product information is gathered from various ecommerce platforms via API interfaces or web scraping techniques, enabling data aggregation and analysis.

04 User Interaction

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

Implementation



Potential Impact "Shaping the Future of St

"Shaping the Future of Shopping!"

Potential Impact

Enhanced Shopping Efficiency

Reduced Decision Fatigue

Advancing E-commerce

Expanding Application Scenarios

Potential Impact

"One More Thing... Unlocking True Potential"

Current Limitations:

- Existing large models are merely "passive tools."
- Users must ask questions to get responses.
- Their potential is severely underestimated and underutilized.

Our Vision:

- Proactiveness: Models that don't wait for instructions but actively understand and assist.
- Scalability: Expanding from a shopping assistant to cover all aspects of life.
- Life Companion: Becoming an "intelligent partner" that reminds, plans, and provides suggestions for users.

MOFA Simplest

Thanks For Whatching

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