



Lightning talk

DSI 39
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Supermarket Comparer

Problem:

Shopping at supermarkets often leads to spending more than necessary due to the lack of information about cheaper alternatives and ongoing promotions. Consumers need an efficient way to compare prices and find the best deals available.

Solution:

I'll address this issue by offering a user-friendly online platform that allows users to effortlessly compare prices and product details from different supermarkets. The platform will also provide personalized product recommendations, ensuring users discover items that align with their preferences and budget.

Data Sources:

Supermarket Websites:

Gather product prices, descriptions, and images directly from reputable supermarket websites to provide accurate and current information to our users.

Credit Card Providers' Websites:

Source credit card rebates and exclusive discounts from credit card providers' websites to ensure users benefit from the best offers available.



Route planner

Problem:

Inefficient route planning for buffet deliveries and drop-offs can lead to unnecessary travel distance, increased fuel costs, and delayed deliveries. Logistics companies face the challenge of optimizing their routes to minimize distance while ensuring timely and accurate delivery.

Solution:

The online dashboard will present a tailored solution by leveraging advanced analytics and online business data. We enable logistics companies to make informed decisions regarding route planning, ensuring the most efficient and cost-effective approach for buffet deliveries and drop-offs.

Data Sources:

Online business data from various reliable sources, including traffic APIs, geographic information systems, and reputable online platforms. This diverse dataset ensures accurate analysis and enables optimal route planning.



Business dashboard

Problem:

Businesses often struggle with understanding their market positioning, customer sentiments, and the effectiveness of their marketing efforts due to the lack of cohesive and insightful data analysis. Making critical decisions without precise insights can lead to missed opportunities and suboptimal performance.

Solution:

I'll offer a solution by enabling businesses to aggregate and analyze crucial data points—sales, marketing costs, and customer feedback—in one centralized platform. Through sophisticated analytics and intuitive visualizations, we provide businesses with a clear understanding of market dynamics, customer preferences, and the performance of their marketing initiatives.

Data Sources:

Online business data sources



Outfit visualizer and recommender

Problem:

Navigating the ever-evolving world of fashion trends can be challenging and often leaves individuals unsure of how a particular style or outfit would suit them. Visualizing oneself in an outfit and experimenting with colors and styles before making a purchase is a gap that needs to be bridged.

Solution:

This addresses the issue by offering a two-fold solution: presenting the latest fashion trends on one tab for inspiration and providing a virtual dressing room on another tab. Users can upload a picture of themselves and describe their desired outfit, allowing them to visualize different outfit pairings and make informed style choices.

Data Sources:

It utilizes a rich dataset of free human images sourced from platforms like Unsplash and Pexels. These images form the basis for users to visualize themselves in different outfits and styles.