

ostyles

Style Query App

It like an application to recommend garments, jewelry, cosmetics etc. to the user by their preferences.

↳ First, we want to have the data of garments, jewelry, cosmetics.

On the user's side, we want to show the list of certain Questions like choosing the outfit from their responses, we should recommend the collections of jewelry, cosmetics, garments.

Objectives/Benefits → Algorithmically recommended goods

ML Algorithms like

- ↳ KNN
- ↳ K-Means

Clustering kind of algorithms be used.

- 1) What are all the Questions should be asked?
- 2) How to scrape the images of Garments, jewelry, cosmetics.
- 3) What diff. different categories should be scraped?
- 4) How or which tool is used to scrap?
 - ↳ WebgraphAI or Firecrack

How we gonna to recommend if we all get setup.

Algorithm should work efficiently on mobile.

Goal that's to integrate Edge AI Models.

Is it will be feasible?

Should use go for SQL or NoSQL

Is that feasible a Images
for semantic search. Similarity
Search by ranking?

If it possibly possible by similarity
Search if necessary to have ML model?

Which one is demanding too much?

ML or Similarity Search
(Image)

↓ hits will be given
image Colquen
Colpali

like if their preference is
congruent among formats/
fashion.

For each preference

then we make a summarization

Flow

User preference

User

will be stored

↳ If would be

Questions

summarized as

a causal

User will choose

their preference

↳ what type of fit?

which color?

what type of cloth?

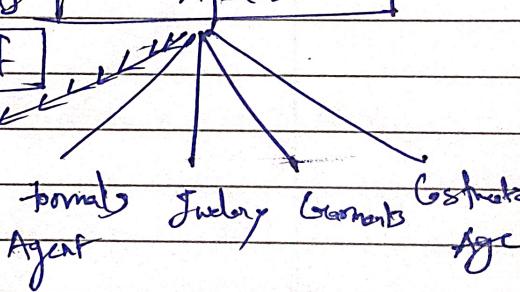
Among these we can
have a whole summarization
by OPERA or any other
LMS

↳ From Summarization

By the intelligence of
the summarization should
call the agents; should took the keywords
from summarization.

An Orchestrator
Agent

Causal Agent F



For the Blue shirt
Causals

Agents

Should be
triggered.

Causal
Agent

Temporal
Agent

Factory
Agent

Garment
Agent

Strategic
Agent

Similarity
Search.

↓
Qdrant VDR

Is that Colpeli / Colquen is capable of
detecting the colours?

If the preference is Casuals in Blue
shirt. In the sense

Causal agent triggered

Qdrant VDB

Causal Collection

Blue shirts of casuals &

Should refined

at least to

This should be validated - right?

The refined contents are given to Supervisor or
Orchestrator Agent

Now the Supervisor should trigger the
Validator Agent

↳ Should pass both Summarization &
refined contents.

↳ This should validate all the refined
contents with summarization.

For Validation should have a faster & simple model.
it's a single task so it should be faster.

Data Collecting Segments

Collecting
Data.

- ↳ Casual Shirts
- ↳ Colour & Aesthetic
- ↳ Materials

Data Collected via Google Search Using Search API

- ↳ Clothing
- ↳ Cosmetics
- ↳ Jewelry

Colgate / Colgateon + Odorant

① Summarization → ② Orchestrator

③ Odorant

Casual collector
Formal collector
Clothing

Odorant

Formal

clothing

Jewelry

cosmetics

Clothing

Odorant

Odorant

Odorant

Odorant

Odorant

Odorant

Odorant

Q. Metadata

↳ Specify the Collection

↳ Specify the Category

↳ Image Link

↳ Image - ~~Metadata~~ Metadata