EXPLORING WEVIATE VECTOR STORE

VECTORSTORE WITH MODULAR APPROACH TO EMBEDDING

CHALLENGE SOLVED : LOAD HANDLING

1. WEVIATE IS BUILT WITH OBJECTIVE OF PRODUCTION READINESS.

2. STARTING WITH DATA TYPES, SCHEMA, VECTOR MODULES, IT IS DESIGNED FOR RELIABILITY AND SPEED

3. EXTENSIVE USE OF CONTAINERIZED MODULES FOR VECTORIZER/ INFERENCES ALLOWS FOR STREAMLINED DEPLOYMENT

4. WEVIATE TEAM HAS DONE RESEARCH ON SEARCH AND RETRIEVAL SPEED. BOTH STEPS CAN BE OPTIMIZED WITH THE CHOSEN HARDWARE

WORKFLOW IN WEVIATE

1. PULLING THE DOCKER USING DOCKER COMPOSE/ USE INPROCESS INSTANCE

2. INITIATE THE CLIENT WITH THE CONFIGURATION

3. CREATE THE SCHEMA WITH THE CHOSEN CLASS, AND VECTORIZER MODULE

4. LOAD THE DATA, WHICH GETS VECTORIZED AND STORED

5. USE INBUILT VECTOR SEARCH OPTION TO RETRIEVE DOCUMENTS

6. INTERFACE THE CLIENT WITH LIBRARIES LIKE LANGCHAIN

LETS PRACTICE

- WEVIATE HAS MANY OPTIONS WHEN IT COMES TO DEPLOYMENT, THE CODE WILL USE THE STANDALONE OPTION

- MODULES HAVE A NAMING CONVENTION.BASED ON THE MEDIA, PROVIDER OF THE MODEL NAME CHANGES

- UNDERSTANDING HOW THE QUERY AND SCHEMA METHOD WORKS IS CRUCIAL

insightbuilder/
python_de_learners_data

Repo contains the code, data and supporting documents including presentations, playbooks and additional documents to support learning

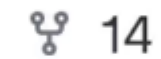👥 2   ⊙ 0   ☆ 33   ⑂ 14
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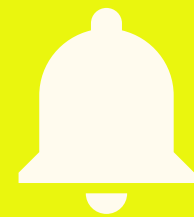
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