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DEEP DIVE INTO SELF-QUERY RETRIEVER IN LANGCHAIN

EXPLORING THE PROS AND CONS

BUILD SELFQUERY RETRIVERS WITH GOOGLE PALM LLM

CHALLENGE SOLVED : IMPROVING DATA RETRIEAL

- DOCUMENT RETRIEVAL CAN BE TRICKY BECAUSE OF THE BELOW REASONS
  - VECTOR SEARCH IS APPROXIMATE
  - IT DEPENDS ON THE ALGORITHM IMPLEMENTED IN THE VECTOR DB
  - EMBEDDING RETURNED BY THE EMBEDDING FUNCTION MAY NOT BE PERFECT
  - THE METHOD IN WHICH DOCUMENT IS BEING CHUNKED CAN IMPACT THE RETRIEVAL
  - NUMBER OF RETRIEVED DOCUMENTS FROM THE RETRIEVERS ALSO IMPACT

LETS CODE AND PRACTICE

- VERTEX AI LLM WILL BE USED
- SELF QUERY RETRIEVER WILL BE IMPLEMENTED IN CHROMADB
- THE RAW DATA PDF IS PRESENT IN THE RESOURCES FOLDER
- THE EMBEDDED DATABASE WILL BE AVAILABLE IN EXPLORING_BARD FOLDER

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THANKS FOR WATCHING

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