

Use Case: Develop an AI-Powered Knowledge Base Assistant (PoC) utilizing organization Internal Document(s)

Problem Statement: At Daythree, a wide range of valuable information is stored across various internal documents and policies. Accessing the right information quickly becomes increasingly challenging when the volume grows. To improve efficiency and empower internal agents with faster, precise and accurate access to relevant knowledge, you are tasked with building an AI solution that leverages these documents to deliver intelligent, context-aware responses through a proof-of-concept (PoC) assistant.

Data provided: 4 PDF documents

1. celcomdigi-eratkanikatan-sahur-moreh-pass.pdf
2. celcomdigi_raya_video_internet_pass.pdf
3. celcomdigi_samsung_galaxy_s25_series_launch.pdf
4. celcomdigi_port-in-rebate-offer.pdf

Area of assessment:

1. Data Processing & Ingestion: How would the data being processed and ingested for consumption?
2. Retrieval Pipeline: How can the processed data be retrieved efficiently? What might be the suggested approach?
3. Prompt Engineering & LLM Utilization: What is the prompting method & type of model utilized? Are they efficient/modular/scalable?
4. Evaluation & Feedback Loop: How can we evaluate this AI solution that we created? Any example metrics to be looked at?
5. Presentation and/or UI/UX: Presentation on findings for solution built, utilization of simple and effective UI presentation can be a bonus. Example of presentation but not limited to below:
 - a. Walk through your thought process for solution creation, design choices and/or architecture if any. Ability to explain reasoning, trade-offs, and limitations
 - b. Justify your selection of tools, libraries, models, and UI approach.
 - c. Showcase on how the solution can solve the business problem ie. multi-document scenarios, ambiguous questions and/or other areas of relevant interest

Submission: Submission of relevant documents (Python Notebook/Github Link) through email and any other form of presentation that might be helpful (eg. PPT slide if necessary) – Zip your files (if with attachments) and rename them to Daythree_AI_UseCase_{Name}.zip