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

PWN >

celcomdigi-eratkanikatan-sahur-moreh-pass. pdf
celcomdigi_raya_video_internet_pass. pdf
celcomdigi_samsung_galaxy_s25_series_launch.pdf
celcomdigi_port-in-rebate- offer. pdf

Area of assessment:

1.

Data Processing & Ingestion: How would the data being processed and ingested for
consumption?
Retrieval Pipeline: How can the processed data be retrieved efficiently? What might
be the suggested approach?
Prompt Engineering & LLM Utilization: What is the prompting method & type of
model utilized? Are they efficient/modular/scalable?
Evaluation & Feedback Loop: How can we evaluate this AI solution that we created?
Any example metrics to be looked at?
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.
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