Project Title: AskAops

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LLM model: Gemini

Languages Used: Python.

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Scope:

AskAops is an utility bot that can be used by an operational manager before he signsoff on the production environment health.

Modules :

1. Synethetic data generator: This module creates synthetic log which can be used to train the custom model. User need to define “golden prompt “ which is used to generate data.
2. Tune the foundational model with Log data generated in the above step.
3. Evaluation of the model
4. LLM as judge.
5. Evals model from VertexAI
6. Generate embeddings and store in the ChromaDB
7. Expose an endpoint that can take a log snippet and ask the custom model. Any log stream application can use this endpoint and use the functionality.

Note:

Need to update the datapoints as per the requirement of the user.

Synthetic Data Generator

Evaluate Model

Tune Model

Start

Generate Embedding

Expose Endpoint

Start

Architecture

Client

logs

embeddings

/askAops

{post}

RAG

AskAops(LLM)

AskAops Agent

Evaluate and Improve the model.

Create Custom model(Supervised with user defined datapoints)