### Mekari Associate Al Engineer Challenge

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### The Challenge:

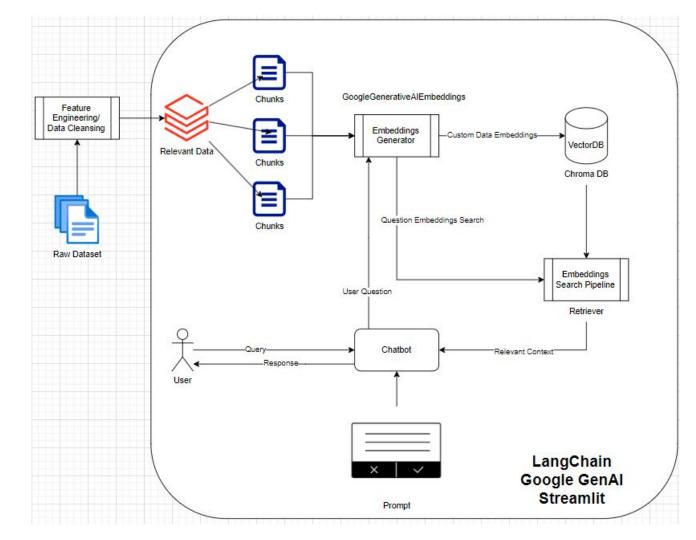
### Study Case

You are provided with a dataset comprising 3.4 million Google Store reviews for a music streaming application (e.g., Spotify) sourced from various users. The management is currently facing difficulties in extracting actionable insights from these reviews due to their unstructured nature and the sheer volume of data. Manual handling has proven to be time-consuming, and a more efficient solution is required to address management queries in a timely manner.

### Tasks

As an AI engineer at our company, your task is to develop an internal Q&A tool capable of extracting meaningful information from the Google Store reviews dataset (here) for the music streaming application (Spotify, source). The tool should provide insightful responses to a variety of management questions, such as:

## System High-Level Architecture



### **Demo Screenshot**

## Spotify Reviews Insights Enter your question about Spotify reviews: What are the primary reasons users express dissatisfaction with Spotify? Get Insight Users complain about song quality inconsistency, lack of flexibility for non-premium users, glitchy user interface, excessive ads, and limited control over their listening experience. Response Quality Score: 0.69

# Spotify Reviews Insights Enter your question about Spotify reviews: What are the specific features or aspects that users appreciate the most in our application? Get Insight Retrieved Documents: Document 1: I had a great experience with the application. It contains various helpful features. Now, they have even launched a podcast about the new features of the application and it has improved my experience a lot. But yes the advertisement of the new podcasts in between the songs is annoying. I suggest that it should come after the completion of one song. Moreover, even after giving the rating the system ask to rate the application. Please fix it. I hope, the team will work on it. Document 2: It feels as if the dev team actually listens to us. I wrote two reviews asking for 2 features and they both got added. Granted, multiple people probably asked for it, but nice work regardless!

