



Generative AI at scale: Serverless workflows for enterprise-ready

[Pre-requisite] Enable foundation model access in Amazon Bedrock

[Pre-requisite] Configuring the front-end application

- ▶ Playground
- ▼ Use cases
 - ▼ Building a RAG pipeline

Testing the need for RAG

Building the RAG Pipeline Running the Pipeline Testing the RAG Inference High level Code Walkthrough Summary

- Document extraction and summarization
- ▶ Workshop Cleanup

▼ AWS account access

Open AWS console (us-west-2)

Get AWS CLI credentials

Fxit event

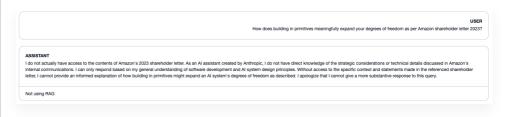
anyamanee 🔻

Event dashboard > Use cases > Building a RAG pipeline > Testing the need for RAG

Testing the need for RAG

In this section, you will test the chatbot to understand why we need to build the RAG pipeline. The model used by the chatbot is not trained to answer Amazon shareholder document related questions. We will ask the model to answer the question first without RAG.

- 1. Navigate to the chatbot UI. If you have not set up the chatbot UI please go to the API Set Up section and follow the instruction
- 2. Select Chatbot from left menu under RAG Pipeline
- 3. Make sure the Use RAG is turned off.
- 4. You are going to use the Amazon Shareholder letters and Annual reports for this lab. So, please ask the chatbot, How does building in primitives meaningfully expand your degrees of freedom as per Amazon shareholder letter 2023? 🗖
- 5. Note down the response. You will come back again after knowledge base is populated.



① You have successfully validated the need to have a context specific data for chatbot. You will build a RAG pipeline in the coming sections and will come back to this chatbot to test again

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