



Event ends in 2 days 15 hours 43 minutes.



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Introduction

Welcome to our workshop on Bedrock's knowledge base and agents to develop a loan agents chatbot. In this workshop, we'll explore how to harness the power of Bedrock's capabilities to create a chatbot tailored specifically for loan agents. As loan agents interact with clients and process loan applications, having quick access to accurate information is essential. Our chatbot aims to streamline this process by offering real-time assistance and uses Retrieval-Augmented Generation (RAG) for loan details, borrower information, property listings and adhering to guidelines.

Let's dive in!

What is Retrieval-Augmented Generation?

Retrieval-Augmented Generation (RAG) is the process of optimizing the output of a large language model, so it references an authoritative knowledge base outside of its training data sources before generating a response. Large Language Models (LLMs) are trained on vast volumes of data and use billions of parameters to generate original output for tasks like answering questions, translating languages, and completing sentences. RAG extends the already powerful capabilities of LLMs to specific domains or an organization's internal knowledge base, all without the need to retrain the model. It is a cost-effective approach to improving LLM output so it remains relevant, accurate, and useful in various contexts.

How can AWS support your Retrieval-Augmented Generation requirements?



privacy and security. With knowledge bases for Amazon Bedrock, you can connect FMs to your data sources for RAG in just a few clicks. Vector conversions, retrievals, and improved output generation are all handled automatically.

Duration

This workshop will take approximately 2-4 hours to complete.

Clean-up

If you are running this on your own AWS Account please follow the instructions in the [clean-up section](#)

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