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☰   ⓘ Event ends in 2 days 15 hours 44 minutes.   ✕   ⓘ

Event dashboard ❯ **Build Chatbots with Amazon Bedrock Knowledge Bases and Agents**

Build Chatbots with Amazon Bedrock Knowledge Bases and Agents

Welcome to our workshop on Bedrock's knowledge base and agents to develop a mortgage 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 mortgage loan agents.

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?

Amazon Bedrock is a fully-managed service that offers a choice of high-performing foundation models—along with a broad set of capabilities—to build generative AI applications while simplifying development and maintaining

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conversions, retrievals, and improved output generation are all handled automatically.

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