



## Serverless x GenAI BKK Workshop



Generative AI at scale: Serverless workflows for enterprise-ready apps

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

[Pre-requisite] Configuring the front-end application

► Playground

### ▼ Use cases

► Building a RAG pipeline

► Document extraction and summarization

► Workshop Cleanup

### ▼ AWS account access

[Open AWS console \(us-west-2\)](#)

[Get AWS CLI credentials](#)

Exit event

[Event dashboard](#) > Use cases

# Use cases

Customers across the industries are realizing the potential of generative AI and implementing use cases to reinvent customer experience, enhance productivity and accelerate growth. We have selected two common use cases and provided a hands-on experience to implement them.

## RAG pipeline

[Retrieval-Augmented Generation](#) (RAG) is a technique in generative AI that combines the strengths of language models and information retrieval systems. RAG first retrieve relevant information from a knowledge base, then use this retrieved information to inform and guide the generation of relevant and coherent text. This approach allows the model to draw upon external knowledge beyond what is contained in its training data, leading to more informative and contextual responses.

## Document Summarization

Document processing is a critical function for businesses that need to convert unstructured files into usable data. This process traditionally requires manual extraction and review, which can be slow and error-prone. GenAI makes it easy for organizations to transform documents and presentations into structured formats and generate concise summaries, streamlining workflows and improving data accessibility.

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