

AI DOCUMENT ANALYSIS LAB

This ready-to-go workshop can be deployed as either an immersion day or as an accelerator to kickstart a use case

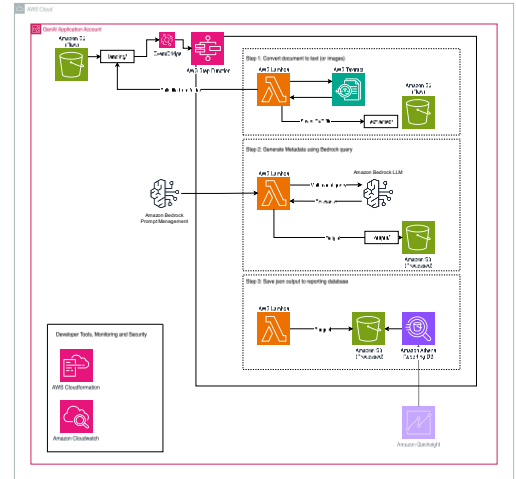


This workshop empowers your development teams by showcasing how generative AI (GenAI) can be seamlessly integrated into document analysis workflows, leveraging Amazon Bedrock.

In a hands-on session, participants will learn from the [success story of TC Energy](#), where GenAI was used to enhance data discoverability and streamline operations by generating metadata for facilities contracts in OpenText.

This approach sets a precedent for other companies and industries by demonstrating how GenAI can be used in data pipelines to generate document **metadata**, to **search for vital information** within historical documents, to **transform unstructured data** into structured formats, to **detect data quality issues**, to build **content generation pipelines**, and to **score documents** for relevance and quality, among other tasks.

Workshop Architecture



Workshop Format

1

Architecture Review

Overview of a proven architecture pattern used in enterprises like TC Energy. Highlights how AWS services enable scalable GenAI solutions.

2

Deploy CDK

Participants will quickly deploy a pre-built CDK project in their AWS account, establishing a GenAI foundation in minutes.

3

Engineer Prompts

Using FERC Renewable Energy Proposals (or your own samples), participants will adjust prompts and parameters for tailored use cases with Amazon Bedrock.

4

Integration & Ideation

Concludes with guidance on integrating capabilities into data architectures and scaling GenAI solutions for various needs.

CUSTOMER SPOTLIGHT



SCALING GENERATIVE AI
IMPACT ACROSS DATA
PLATFORMS

\$500K + 5M

SAVED ON COSTS

HOUSED DOCUMENTS

GET MORE DETAILS ON
AWS MARKETPLACE



Challenge

We partnered with TC Energy to identify two use cases to create value using Generative AI:

1. Developing a more streamlined and scalable memo creation workflow
2. Improving the discovery processes for facility and other contract documents

Solution

Pariveda helped TC Energy achieve significant operational efficiencies by leveraging tools like Amazon Bedrock and Anthropic Claude Generative AI models to automate these two use cases. We achieved strong results solely using prompt engineering, which kept operational costs manageable.

Results

This transformation will enable TC Energy to save over \$500K annually on operational costs, improve information access across various departments, and significantly reduce the time required for critical data analysis and reporting.

LET'S
TALK



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