

RETRIEVAL AUGMENTED GENERATION

Harness the power of AI with RAG on AWS



Overview

Harness the power of advanced AI by integrating Retrieval Augmented Generation (RAG) into your business ecosystem. Transform your data into a knowledgeable asset, driving intelligent interactions and on-demand insights.

Our RAG solutions

Are these scenarios familiar?

- Struggling to extract value and insights from your data without costly and time-consuming development
- Seeking a 24/7 expert system to answer intricate data-based queries
- Need for transparency in AI-driven responses to trust the intelligence

Our solutions can empower you to drive intelligent interactions by engaging with an AI chatbot that operates as the subject matter expert of your business. With observability features, you'll be able to understand your AI's "chain of thought" and gain confidence in its responses, while a robust data platform ensures your AI models leverage the most current and relevant data.



AI ADVISORY & STRATEGY

Clarify your AI vision, develop a realistic budget and timeline, and build AI policies. Ollion then educates your staff, manages the people and process changes that build success, and drives adoption.



USE-CASE FEASIBILITY ASSESSMENT

Determine the potential and viability of RAG for your specific needs. Ollion will work with client executives for a two-week period to hold AI vision workshops, evaluating the maturity of the existing data platform as it pertains to AI RAG use cases.



FOUNDATIONAL AI DATA PLATFORM

We support automated integration and preparation of your business's data to maximize the capabilities of your RAG solution. Extend your existing AWS data platform by adding in AWS Bedrock and AWS OpenSearch to expose the full power of your data.



AI-POWERED CHATBOT

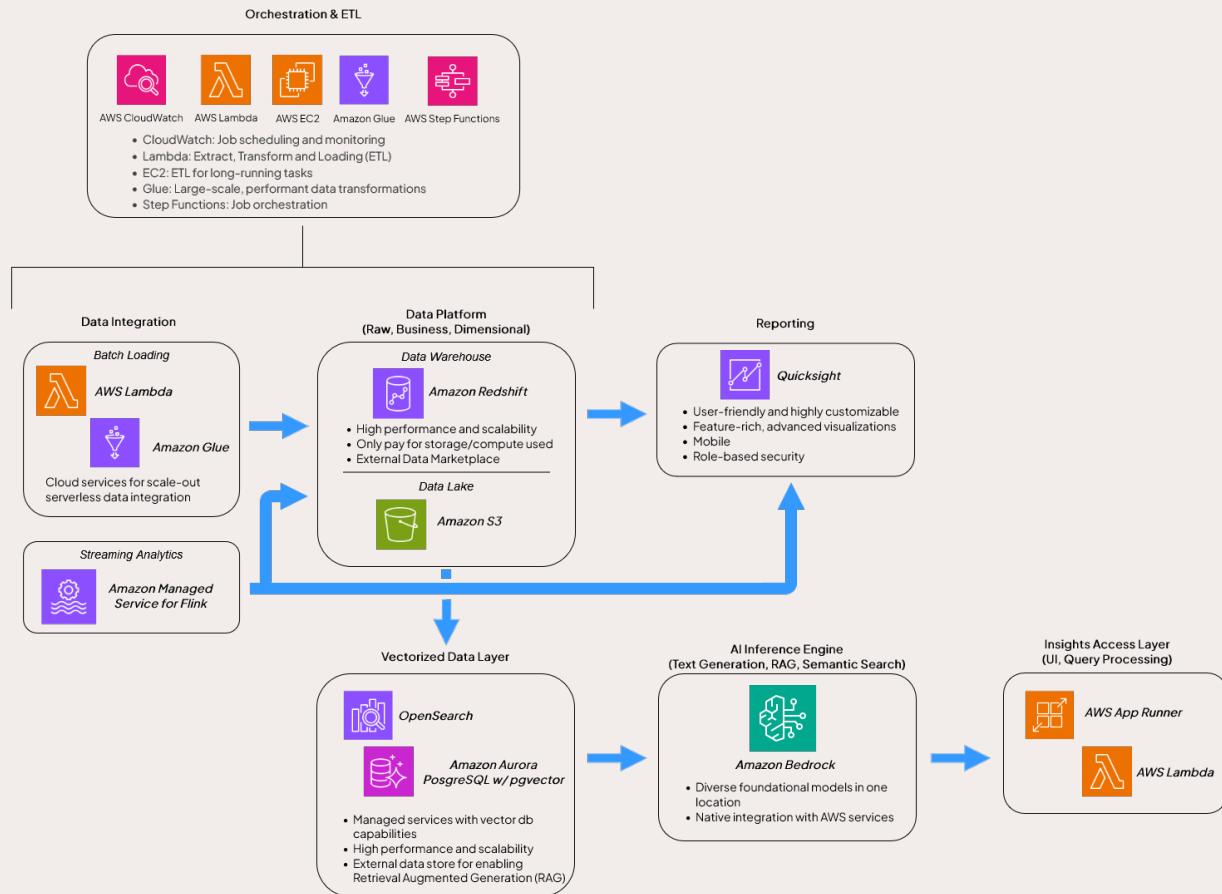
Transform your data into an ever-ready SME, enhancing user interactions and data-driven decision-making.

AWS technologies and services used

- **AWS Bedrock:** Foundational Models as a Service that provides immediate access to top-performing AI models
- **AWS OpenSearch:** Scalable search and analytics suite for your data
- **AWS Aurora (pgvector):** Optimized database with vector search capabilities
- **Amazon S3, Redshift, AWS Glue, Lambda functions, etc:** Other typical AWS data pipeline and data engineering services



AWS REFERENCE ARCHITECTURE



Find out how we can help your organization with RAG implementation.
 Contact us today for further details, including pricing.

GET STARTED