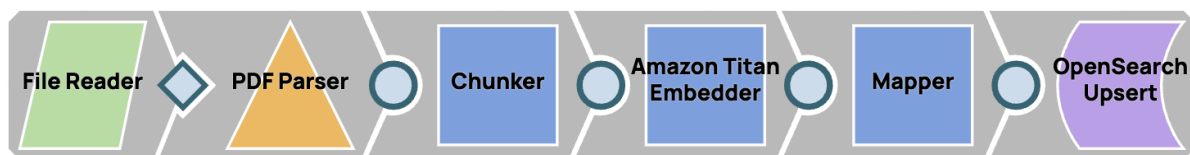


## Indexing Pipeline

This pipeline is designed to store the contents of a PDF file into a knowledge library, making the content readily accessible for future use.

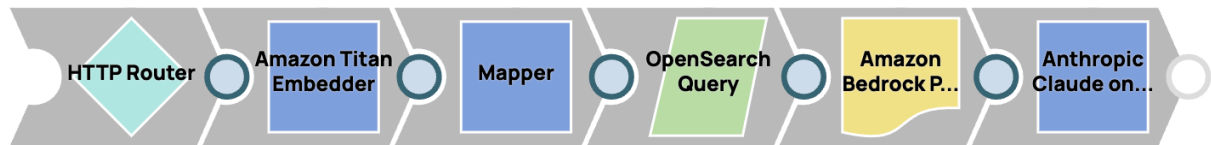


Snap used: File Reader, PDF Parser, Chunker, Amazon Titan Embedder, Mapper, OpenSearch Upsert.

After running this pipeline, we would be able to view these vectors in OpenSearch.

## RAG Pipeline

This pipeline enables the creation of a chatbot capable of answering questions based on the information stored in the knowledge library.



Snap used: HTTP Router, Amazon Titan Embedder, Mapper, OpenSearch Query, Amazon Bedrock Prompt Generator, Anthropic Claude on AWS Messages.

To implement these pipelines, the solution utilizes the Amazon Bedrock Snap Pack and the OpenSearch Snap Pack. However, users have the flexibility to employ other LLM and vector database Snaps to achieve similar functionality.