Tiger Analytics

Knowledge Search

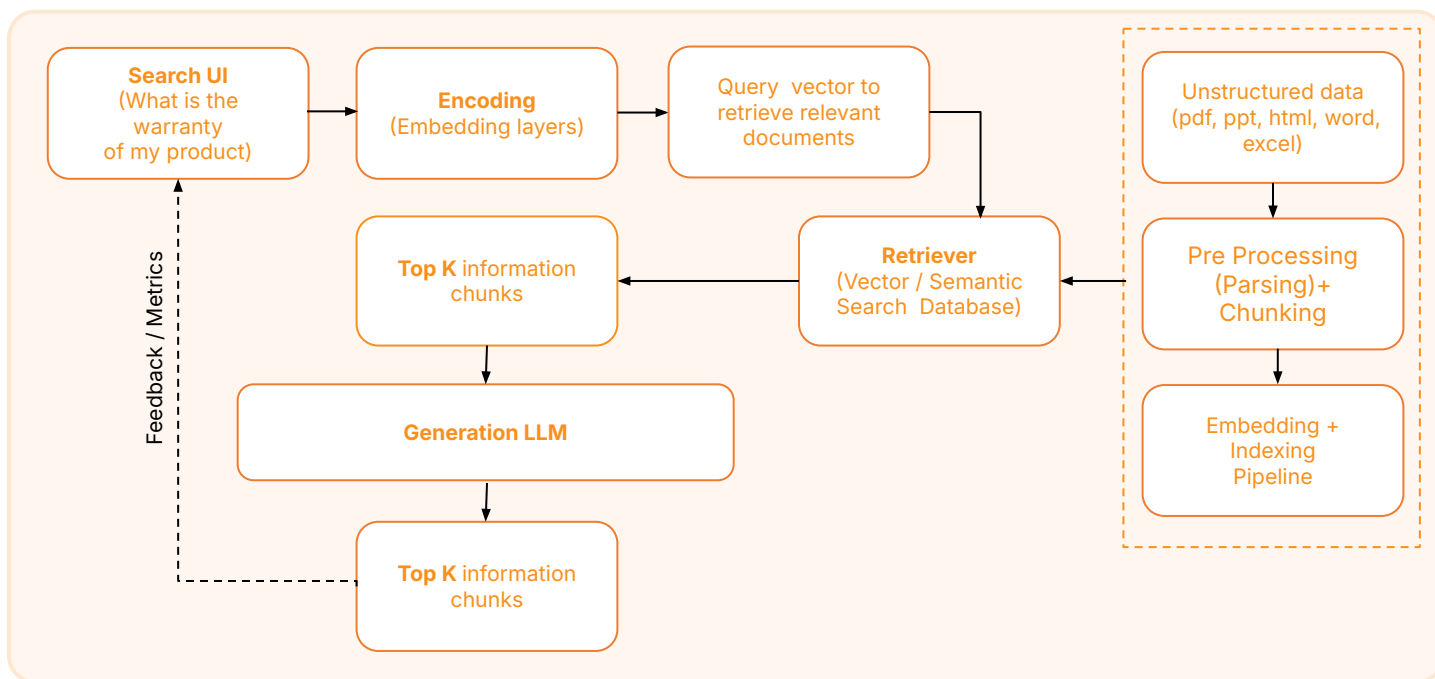## GenAI Platform for Enterprise Search & Summarization

Solution Overview

Tiger Analytics' Knowledge Search is a retrieval-augmented generation capability that enables users to query enterprise knowledge using natural language. It retrieves relevant content from internal documents like PDFs, PPTs, DOCs, and more, and generates accurate, grounded responses. This allows users to access insights hidden across scattered unstructured data, without manual search.

Features

- Ensures responses are backed by retrieved content, with source references for transparency and trust.

- Handles diverse formats like PDFs, PPTs, DOCs, and more, and ingests domain-specific content with custom chunking and filtering strategies.

- Maintains context across follow-up questions, enabling layered, dynamic interactions.

Search UI
(What is the warranty of my product)

Encoding
(Embedding layers)

Query vector to retrieve relevant documents

Unstructured data (pdf, ppt, html, word, excel)

Top K information chunks

Retriever
(Vector / Semantic Search Database)

Pre Processing (Parsing)+ Chunking

Feedback / Metrics

Generation LLM

Embedding + Indexing Pipeline

Top K information chunks

Value Proposition & Customer Implementations

Simplifying 10Qs: Faster, Smarter Investment Intelligence

RAG Type: Standard
User Personas: Business Strategist, Investor, Financial Analyst
Outcome: Extracted critical financial & operational insights from lengthy 10Q filings, accelerating high-stakes investment & business decisions.

Make ESG Data Speak - Across Text, Charts & Images

RAG Type: Multimodal
User Personas: Sustainability Officer, Executive Leader, Investor Relations
Outcome: Surfaced actionable insights from complex sustainability reports to drive ESG planning, stakeholder reporting, & regulatory alignment.

Empowering IT with Instant Regulatory Clarity

RAG Type: Graph
User Personas: Business Strategist, Investor, Financial Analyst
Outcome: Enabled real-time access to regulatory guidance, to bridge the gap and help collaboration between IT and compliance teams.

About Tiger Analytics

We offer full-stack AI and analytics services & solutions to help businesses achieve real outcomes and value at scale. We are on a mission to push the boundaries of what AI and analytics can do to help enterprises navigate uncertainty and move forward decisively. Our purpose is to provide certainty to shape a better tomorrow.

www.tigeranalytics.com