



Enterprise Generative AI – Solution for Research and Information Retrieval

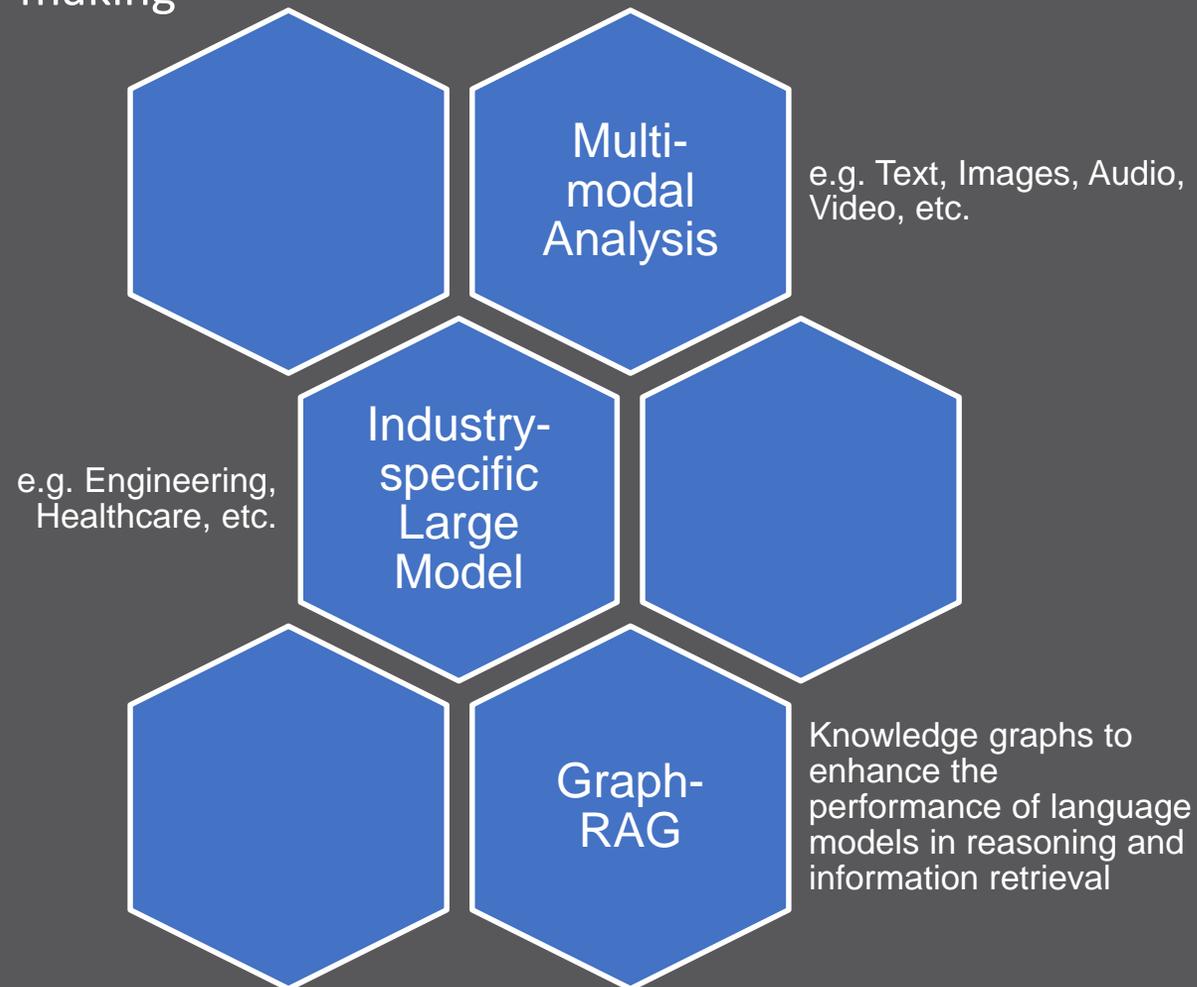
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Introduction

C&T's AI-powered Research and Information Retrieval solution addresses critical challenges in public service efficiency by enabling rapid, accurate access to diverse data sources. Leveraging semantic search, a re-rank model for precision, and integrated data governance, the platform automates complex information synthesis and enhances decision-making



Research & Information Retrieval Agent

Research & Information Retrieval Agent (Intelligent Decision-making)

Intelligence Layer



Basic question number Enhance the number of questions



Semantic Layer

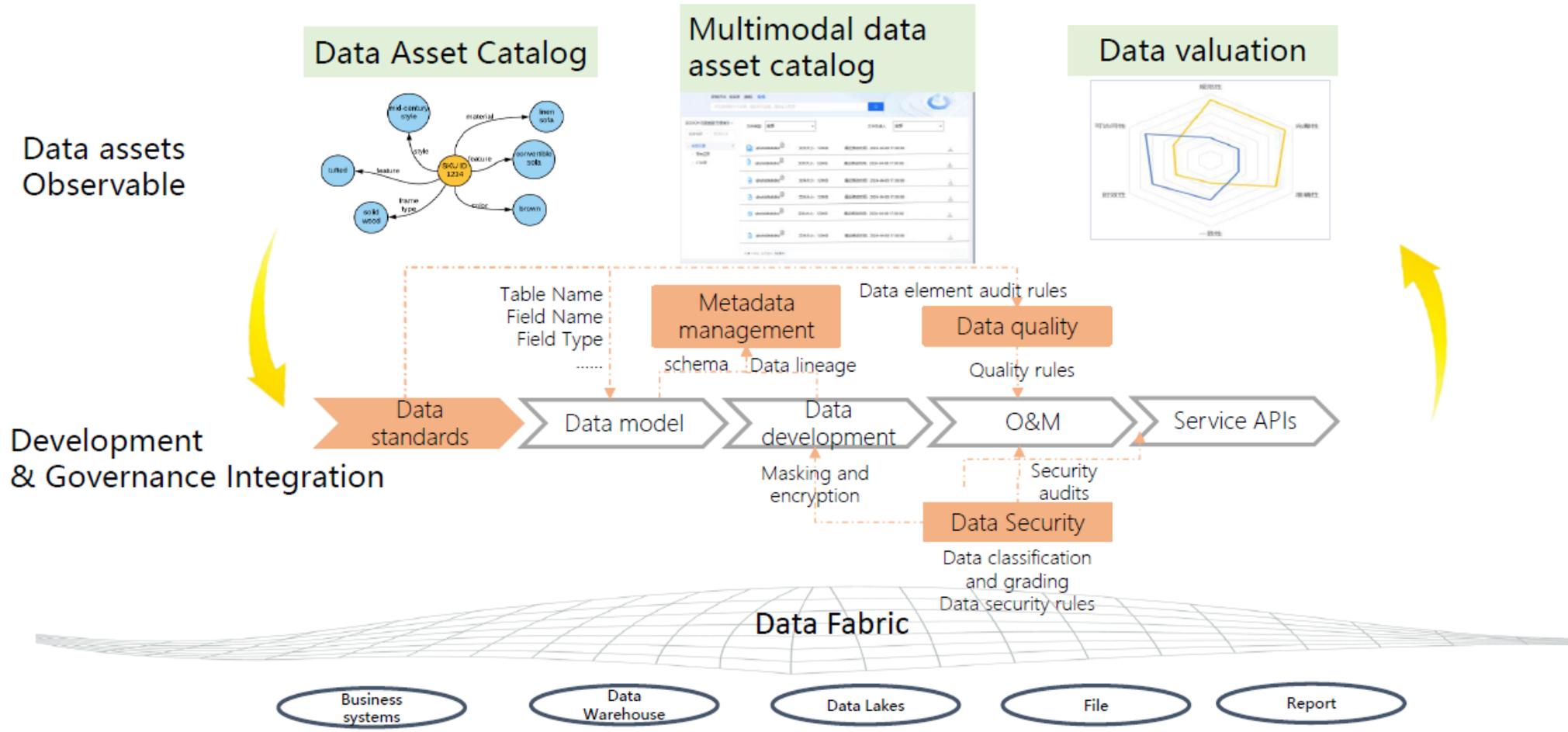


Data Access Layer



Integration of Development & Governance

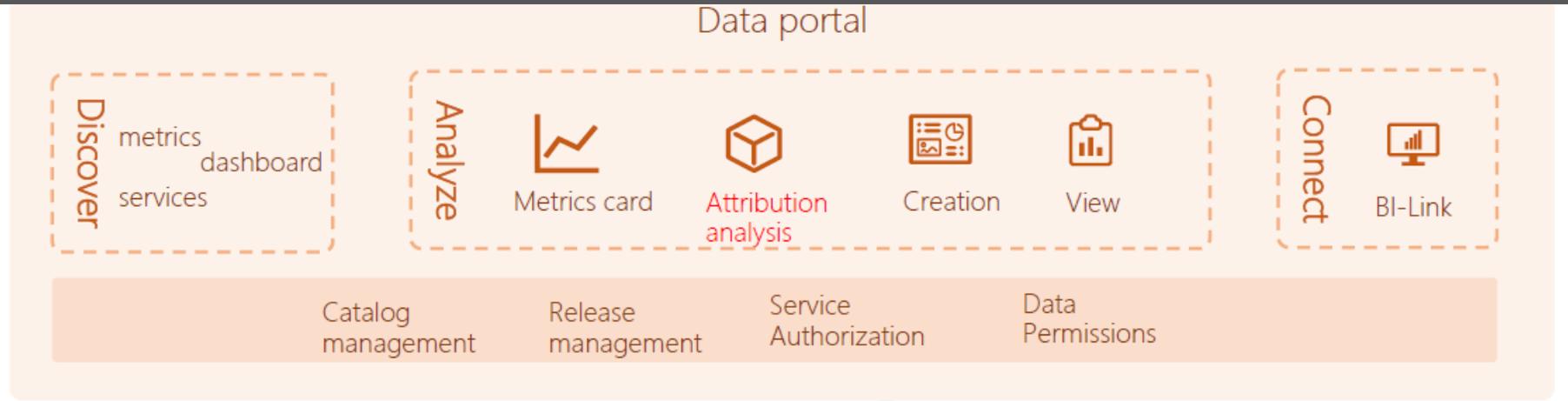
Based on global closed-loop data governance, implement the core ability of **"Integration of development and governance"**. Unlock the value of data by enabling it to be applied more widely and deeply.



Metrics Center, Unified Management & Value Enhancement

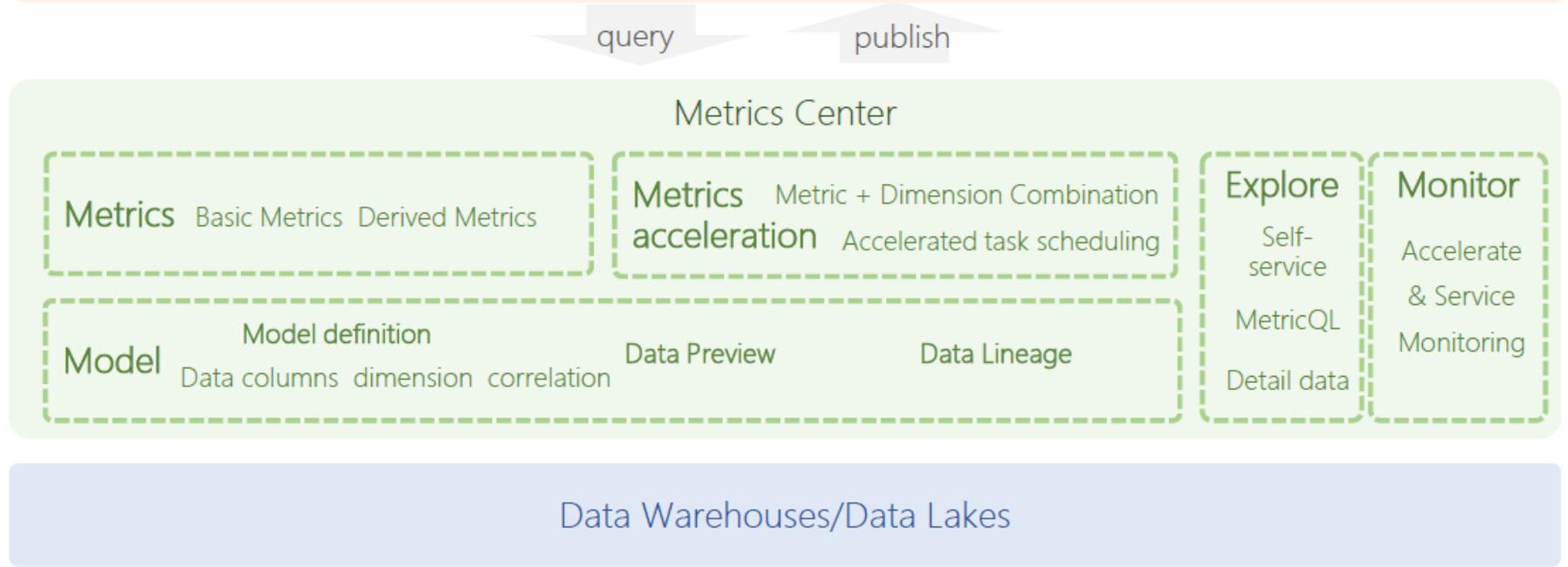
Data portal

Data Users performs metrics discovery in the portal, explore based on metrics, create reports, and connect data to the business for value

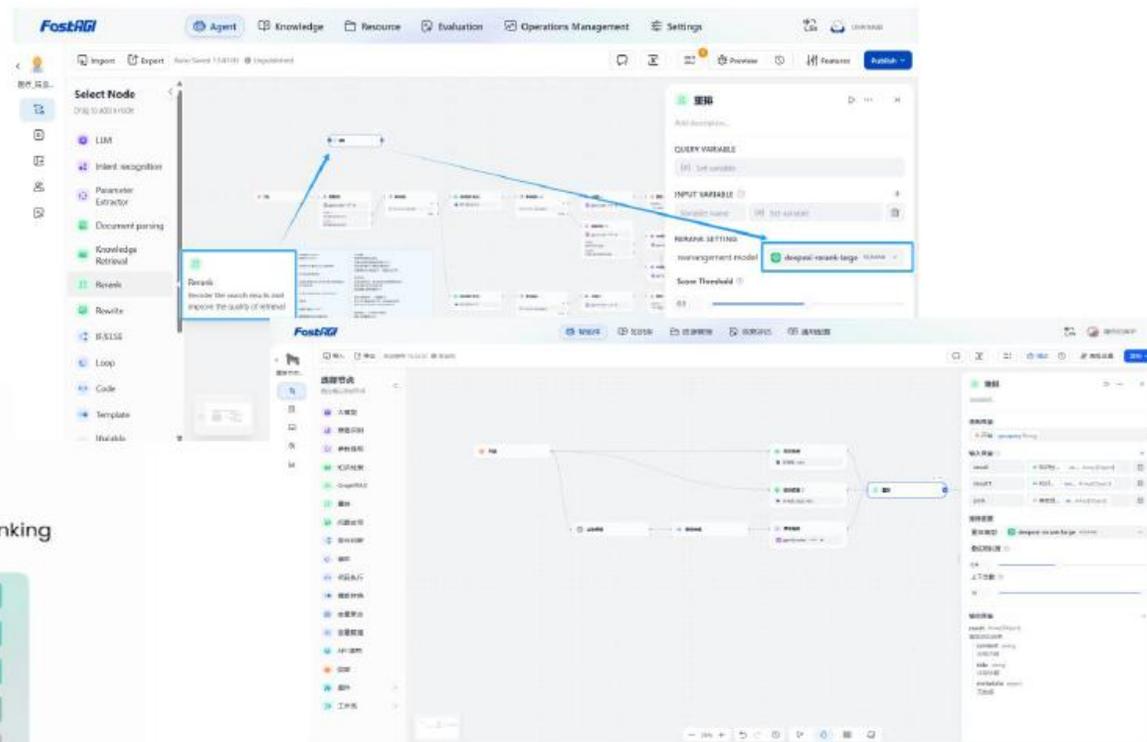
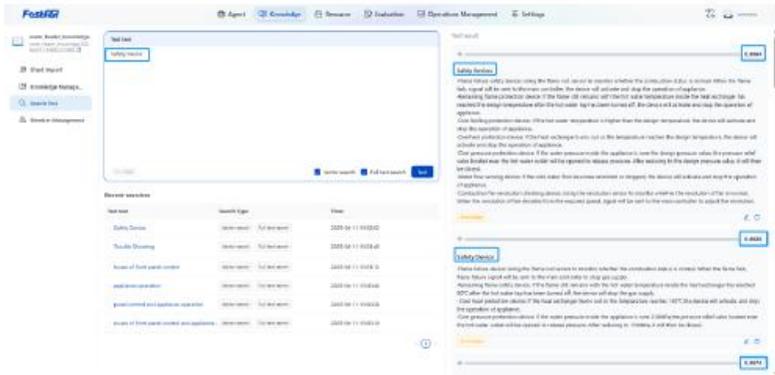


Metrics Center

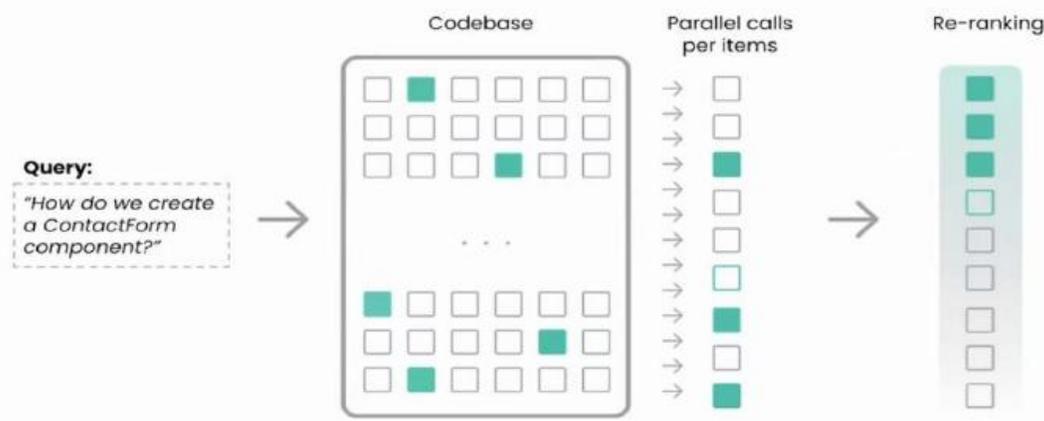
Data Developers process data for accurate metrics through a unified semantic model, choose to configure metrics to accelerate and publish to the data portal



Re-rank Model | Reorder Search Results to Improve Search Quality

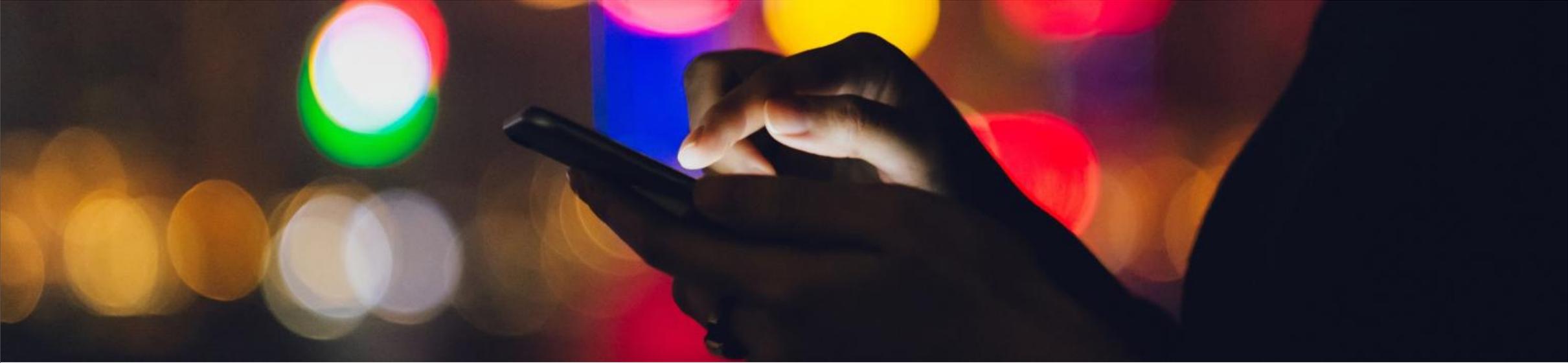


Retrieval recall: embedding weights
Riptide



Reorder based on weights
PS: Embeddable industry evaluation criteria

Schematic diagram of the internal process of the model



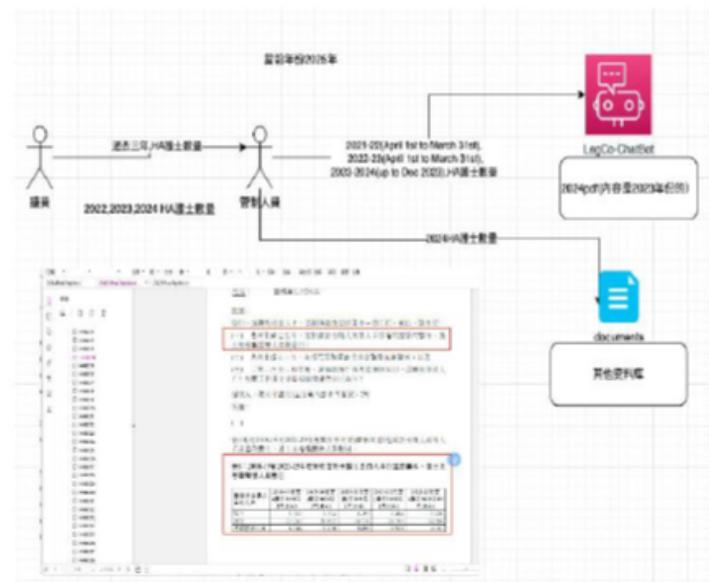
Customer Case

Council Inquiry Report

Dynamic & Case Database

- Immediacy and authority: dynamic updates, in-depth analysis
- Multi-dimensional Resource Integration: Case database + Retrieval across resource databases

業務流程



Application direction of the business scenario

At present, it has become a core decision-making tool in scenarios such as law, policy, and corporate compliance

Legal advice and dispute resolution

Policy Research & Review

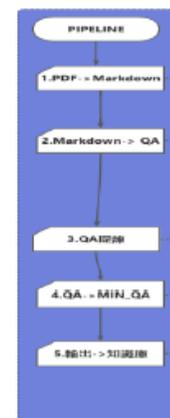
Corporate Compliance & Risk Management

Academic research and education training

Technical support

Intelligent search tools: keyword optimization + RAG Graph enhanced analysis

Tech Innovations



Smart slicing

Automatic data augmentation

Text matching algorithms

Long text compression search optimization

Traceable answer - pdf viewer

A futuristic, multi-level digital cityscape with glowing blue and orange blocks and a person at a workstation. The scene is filled with complex, layered structures that resemble a data center or a virtual city. The lighting is a mix of cool blues and warm oranges, creating a high-tech, immersive atmosphere. In the foreground, a person in a dark suit stands at a workstation with two monitors, looking out over the vast digital landscape. The overall composition is symmetrical and emphasizes depth and scale.

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A futuristic digital landscape with a person at a workstation. The scene is filled with glowing blue and red digital elements, including data streams, floating cubes, and a person standing at a workstation with two monitors. The background shows a bright light source, possibly the sun, shining through a digital sky.

Thank You
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