



# Enterprise Generative AI - Solution for Workflow Management and Automation

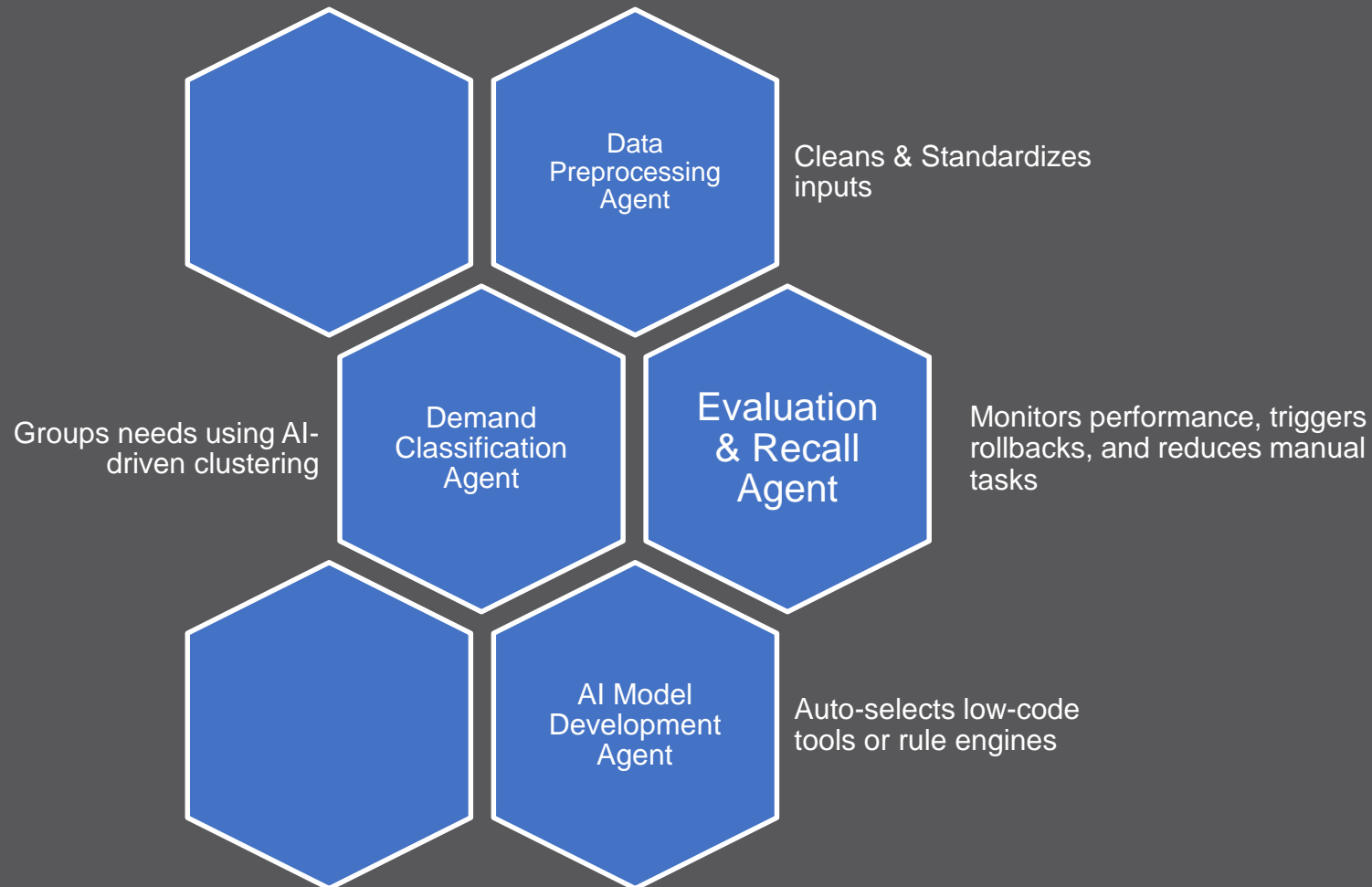
computer  technologies

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# Introduction

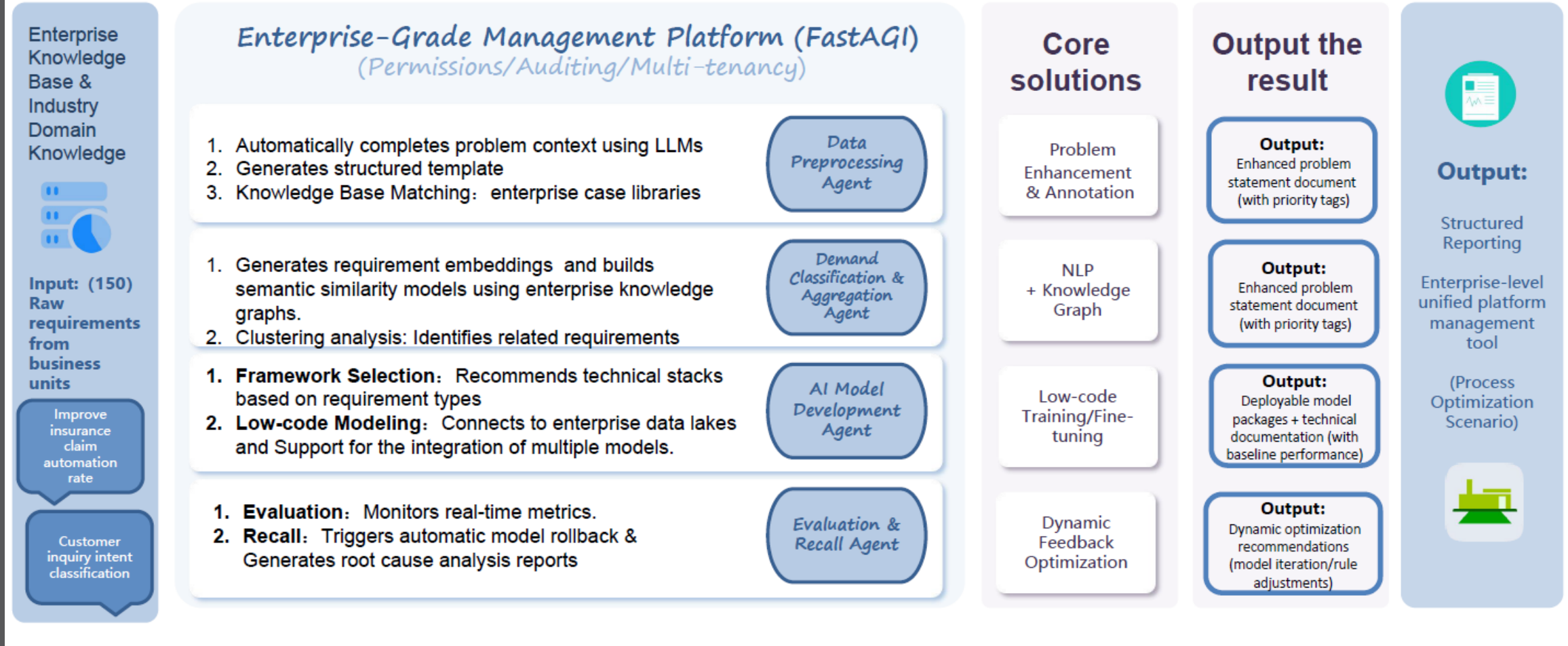
This solution leverages a modular agent framework and pre-trained NLP models to automate complex workflows without knowledge graphs. Agents process raw business requirements (e.g., insurance claim automation, customer intent classification) via semantic embeddings, enabling rapid task clustering.



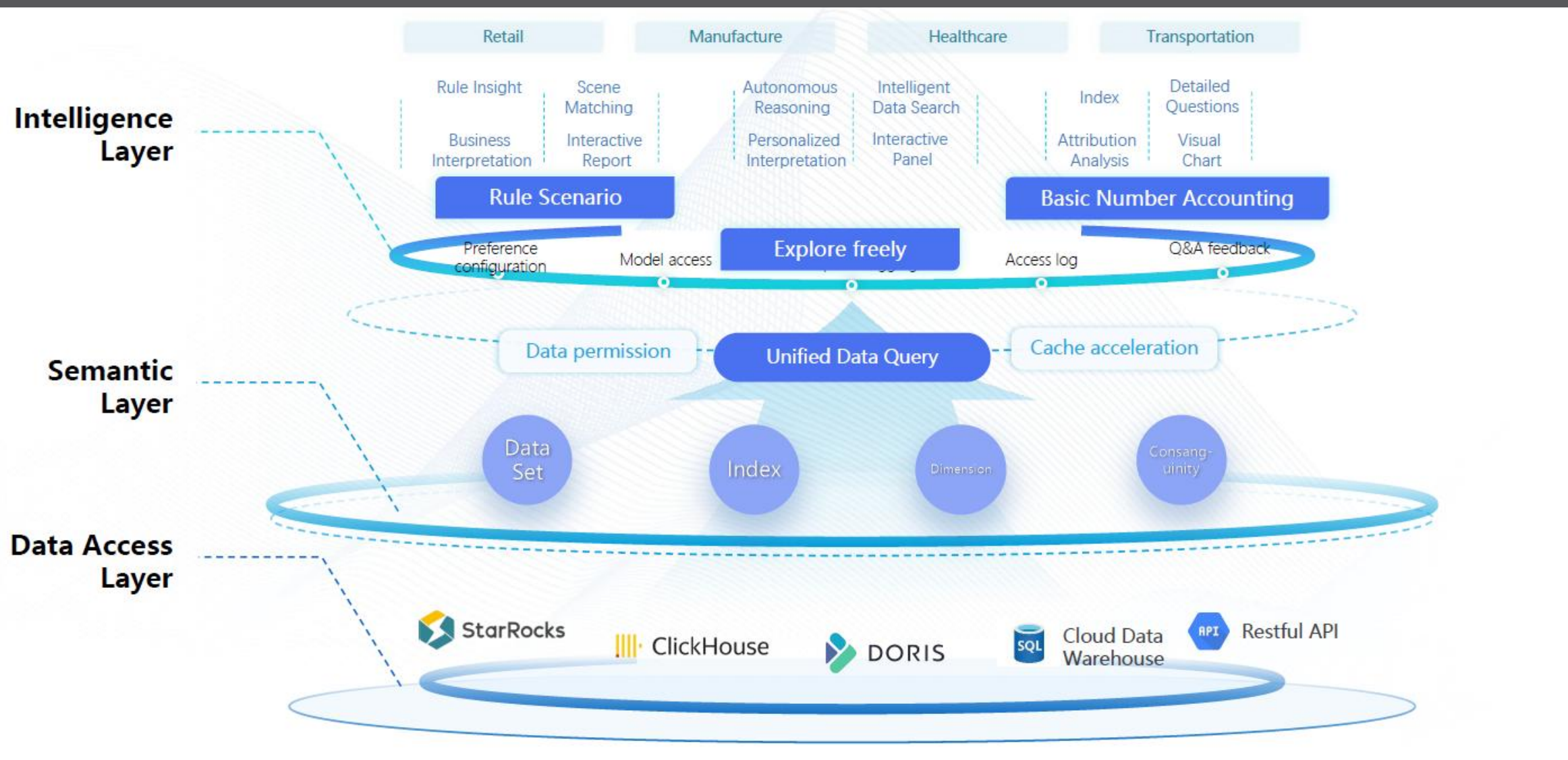


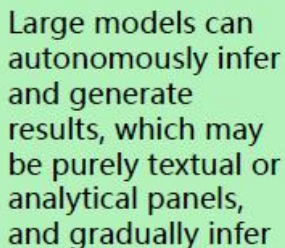
# Overall Architecture Design

Based on a Modular Agent Collaboration Framework, integrating the following core components:



# Operational Agent





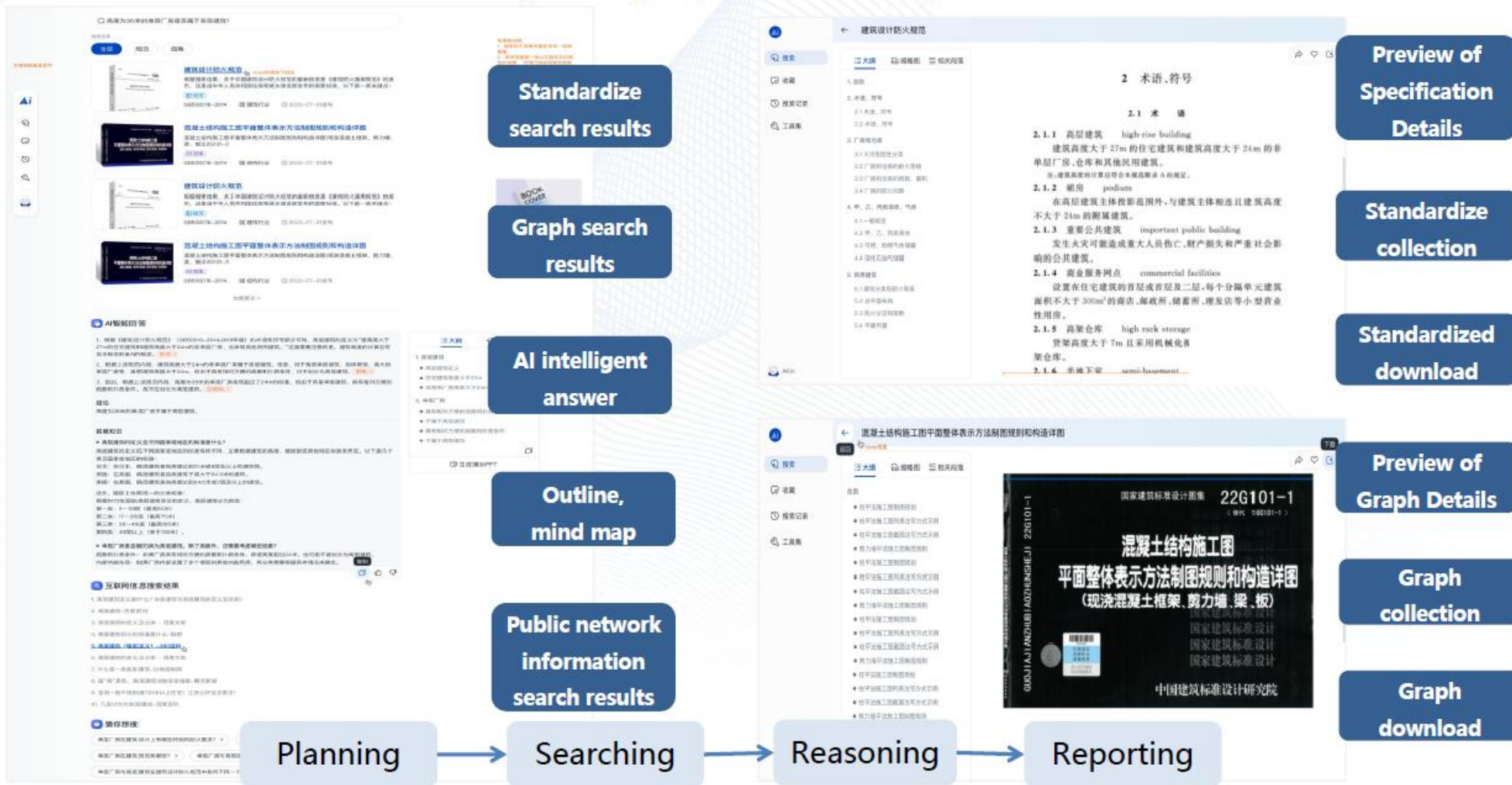
Generate analysis panel based on business rules

Inquire about the details, definitions, etc. of single or multiple indicators



# Productivity Agent

Super search: support access to **multiple search sources** within the enterprise, support **Internet information** search, and support the creation of **multimodal knowledge base** (graph, voice, video, etc.)







# Core Workflow Management

## Main process node

- **Large model:** Callable LLMS answer questions and handle a wide range of tasks based on the given cue word play LLM features
- **Intent recognition:** The ability classification of LLM is used to reason about the classification result that matches the user input
- **Parameter extraction:** The ability of LLM is used to infer and extract structured parameters from natural language

Knowledge retrieval: Retrieves textual content relevant to user questions from the knowledge base

- **Reorder:** Reorder the search results to improve the quality of the search

Question reformulation: Integration of technical terms to rewrite user questions into questions that can be easily understood by large models

- **Conditional:** Split the process into multiple branches based on if/else/elif conditions
- **Loop:** Perform multiple steps on a list object

Code execution: Executes a piece of Python or NodeJS code to implement custom logic

- **API calls:** It is possible to communicate with external systems through apis
- **Plugins:** An API toolset that allows you to build plugins for apis you want to reuse
- **Workflows:** Workflows are able to invoke specific tools or apis to perform tasks, have no session support, and can be referenced by agents and other workflows

Business application requirements



Use nodes for flexible orchestration



The agent executes the flow

Get a precise response



## 选择节点

拖拉拽以添加节点

- 大模型
- 意图识别
- 参数提取
- 知识检索
- 重排
- 问题改写
- 条件判断
- 循环
- 代码执行
- 模板转换
- 变量聚合
- 变量赋值
- API 调用
- 回答
- 插件
- 工作流

## 问题分类

- deepoxi2.5-72b-instr... CHAT
- 分类1  
查看数据看板
- 分类2  
创建营销画布
- 分类3  
营销内容生成
- 分类4  
美妆专业知识查询
- 分类5  
跨境电商翻译-官网
- 分类6  
其他

## 参数提取

- gpt-4o-mini CHAT
- 提取API需要的输入参数

## 大模型

- deepoxi2.5-72b-instr... CHAT

## 营销词汇识别

- deepoxi2.5-72b-instr... CHAT
- 把营销专业词汇识别出来，以便下一步参数提取更准确

## 回答1

- URL  
https://deepoxi.com

## 知识检索

- 卡姿兰大眼睛

## 回答2

- 回复  
暂不支持，谢谢！





## Customer Case

# AI Healthcare

## Challenges

The XXX Authority was established in 1990 as a statutory body. As of now, it oversees 43 public hospitals and healthcare facilities, 49 specialist outpatient clinics, and 74 general outpatient clinics, providing over 30,000 hospital beds and employing more than 90,000 staff.

An all-in-one app launched by the XXX Hospital Authority for managing patient health, making appointments for general or specialist outpatient services, and supporting online payments. Due to its high usage, the app requires substantial backend support for answering inquiries and handling issues. The use of AI can greatly alleviate the pressure on staff and enhance patient satisfaction.

## AI Chatbot Challenge:

**Controllable Autonomy:** Capable of answering key questions from the data manual.

**Low Hallucination:** Ensures answers are based solely on the provided data, avoiding any fabricated responses.

**Model Fine-tuning:** Equipped with effective methods for continuously iterating and updating knowledge.

**Business Reasoning:** Breaks down complex queries into manageable sub-tasks, enabling multi-step reasoning.

Acting as the "brain" agent of the HA system, it can perform complex reasoning, respond to user instructions, and assist in directly solving problems.

## Solution

FastAGI enables Chatbot business reasoning and semantic understanding of user queries. CRAG improves information retrieval and response generation quality.



## AI For Health Care

深耕一站式AI健康產業典型場景，覆蓋醫藥、器械、醫療、養生行業：AI合規審查、生產製造/流通/院內決策生成式報告、醫學專業知識體系建設、"醫藥通"AI專業助手、診療報告自動生成、大健康行動和醫生服務助手等。



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穩健医疗

Purcotton  
全棉時代

高济医疗  
Gowell Health



The background of the image is a complex, futuristic digital environment. It features a series of floating, rectangular blocks in shades of blue, purple, and orange. These blocks are arranged in a way that suggests a 3D data structure or a virtual cityscape. In the foreground, a person in a dark suit is seen from behind, standing at a workstation with two computer monitors. The person is looking out over a vast, hazy landscape that appears to be a digital horizon. The overall color palette is dominated by cool blues and purples, with warm orange and yellow highlights from the light source in the distance.

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The background image is a vibrant, futuristic digital landscape. It features a series of floating, rectangular blocks in shades of blue, purple, and orange, arranged in a way that suggests a complex, multi-dimensional structure. The blocks are adorned with glowing, circular patterns, resembling circuitry or data nodes. In the foreground, a person in a dark suit stands at a workstation, viewed from behind. The workstation consists of two large, horizontal monitors displaying abstract, colorful patterns. The person is positioned on a platform that appears to be part of the larger digital structure. The overall atmosphere is one of high-tech innovation and digital connectivity. The sky is a bright, hazy blue, and the ground is a reflective surface that mirrors the floating blocks and the person at the workstation.

Thank You  
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