Integrated Collection/Analysis/Search of Big Data
Generative AI-based Enterprise Services

LLOYDK

DO SOLUTION

| Integrated Collection | → | LLM / RAG | → | Chatbot Search |

※ Patent Holder ※ 10-2023-0127841:
Method and Device for Building a Search Engine Based on Computing Environment Using Artificial Neural Networks

External | DO | ## Internal

Inquiry Q&A
- Automated Inquiry Response Generation
- Inquiry Information Search Service

GenAI

Internal Docs Search
- Semantic Document & Multimodal Search
- Regulation & Information Search for Tasks

Management Info Search
- Briefing on Departmental Operations
- Query on Enterprise Service Operations

Chat-bot

Meeting Minutes
- Automatic Summary & Search of Minutes
- Key Meeting Keywords Extraction

PR/Marketing
- Business/Product Promotion Explanation
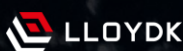- Marketing and Targeting Planning

Search

Auto Docs Categorization
- Data Content Analysis & Dept Classification
- Document and Data Statistical Visualization

LLOYDK

LLOYDK

LLOYDK Co., Ltd.

The perfect partner for an innovative data platform in the era of generative AI

Overview

Company Name	LLOYDK Co., Ltd.
CEO	Daehoon Kim
Areas of Business	Software Development, Distribution, Management, Information System Consulting, Strategic Planning, Development
Address	2F, Woodae Building, Wirye seoil-lo 6, Seongnam-si, Gyeonggi-do
Phone	+82-31-8039-5171
Established in	2011
Business Registration Number	120-87-67951
Website	https://www.lloydk.co.kr

Partners

elastic   CONFLUENT   HashiCorp

mongoDB   redis   Couchbase

aws   ETEVERS

Scholarship Partners

고려대학교   연세대학교 YONSEI UNIVERSITY   CAU 중앙대학교   POSTECH

경희대학교 Kyung Hee University   가천대학교 Gachon University   숙명여자대학교 SOOKMYUNG WOMEN'S UNIVERSITY

Services

Big Data Analysis

- Building a big data analysis and utilization platform: building big data pipelines
- Big data solution services: collection, preprocessing, storage, indexing, visualization
- Writing statistical reports through big data processing, analysis, and visualization
- Creating value from vast amounts of data through AI-integrated data analysis & utilization

Data Search & RAG

- Building and operating structured/unstructured data search solutions
- Consulting and building customized enterprise search engines: document/file/log search
- Providing solutions that enhance business value in the era of AI search
- Models offered: keyword search, NLP search, QnA search, image search, RAG & LLM, etc.
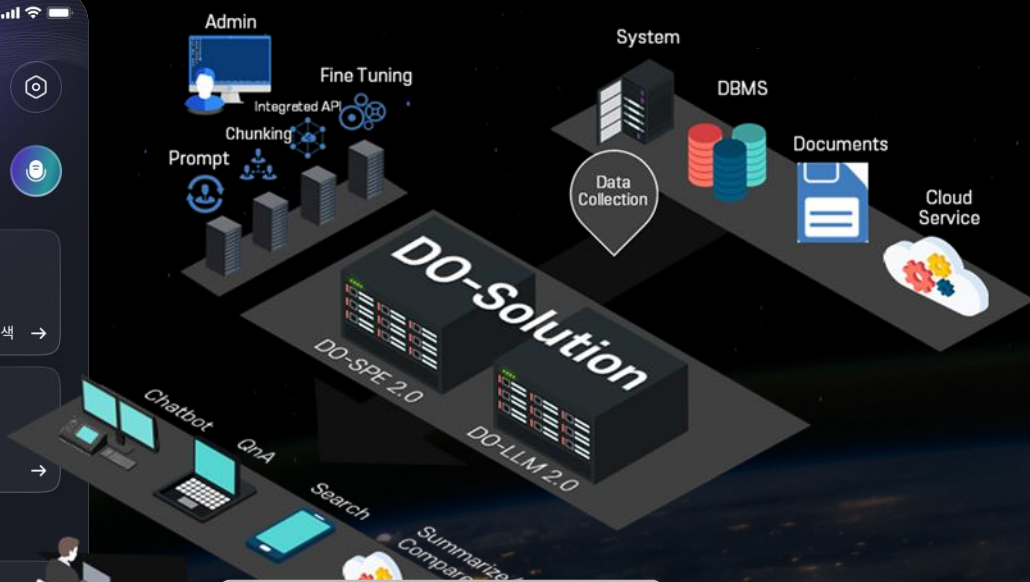
AI-based Data Utilization (LLM, M/L)

- Developing & enhancing LLM and M/L analysis models via Corporate Research Institute
- Building solutions utilizing big data and machine learning, and supporting safe DX
- Consulting, building, and operating infrastructure security solutions based on data
- Application cases: AI-based user authentication, detecting anomalies and frauds, EDR, etc.

DO-SOLUTION

9:41

질문을 입력하세요...

Voice helper

음원, 녹음 파일, 회의록, 동영상 등 멀티모달 검색을 활용해보세요!

음성으로 검색하기

사내 지식 검색 →

이미지 검색 →

최근 검색 기록

- 회사 사규 중 전략기획팀 신규 입사자가 고려해야할 만한 사규 추려서 알려줘
- 사내 위키에 기획과 관련된 문서가 어떤게 있는지 요약해서 알려줄래? →
- 사내 블로그에 작성된 내용을 모아서 마케팅 리포트를 만들어야해. 2024년 상반기 현황을 정리해서 알려줘. →

Admin — Fine Tuning — Integrated API — Chunking — Prompt

System — DBMS — Documents — Cloud Service — Data Collection

DO-Solution

DO-SPE 2.0 — DO-LLM 2.0

Chatbot — QnA — Search — Summarize — Compare

DO-SPE 2.0

Search Engine	Elastic-based fast search performance & various features
Vector DB	Convenient vector embedding & search management
RAG	Hybrid search, chunking, prompting, permission management
Quality Management	Search log analysis & visualization for quality management

DO-LLM 2.0

Base Model	LLAMA3 8b
Areas of Support	Domain-specific fine tuning for search & chatbot utilization

Case: 'S' Electronics

Project
- Building an internal knowledge search solution for employees
- Enhancing system through AI and introduction of GenAI & NLP-based Q&A

Results
- Enhanced internal knowledge search through GenAI & NLP-based Q&A search portal, improved search accuracy and utilization for various materials (dictionaries, blogs, wikis, etc.), strengthened information security and improved overall productivity

Case: 'I' Institution

Project
- Inquiry analysis and automatic department matching
- Automatic translation of inquiries & responses, generation of customized responses based on requirements

Results
- Established a stable response process through accurate classification and matching of responsible departments, improved response quality and efficiency via analysis-based response generation and translation functions

KB국민카드 · KB국민은행 · 신한은행 · 농협중앙회 · Standard Chartered SC제일은행 · NICE평가정보 NICE · SAMSUNG 삼성전자 · SAMSUNG DISPLAY · HYUNDAI 현대 L&C · HYUNDAI AutoEver · LG디스플레이 · LG U+ · DOOSAN · CJ 대한통운 · CJ ENM · KG ICT · CoAsia Electronics Corp. · dk techin a kakao company · CLOIT · Sunic system · UX+ · HDC 랩스 · HD한국조선해양 · K water · Incheon Airport · COMPA 과학기술사업화진흥원 · KISTI 한국과학기술정보연구원 · XII 자이 · atom美 ATOMY · sorin · 국립낙동강생물자원관 · NEXON · RIDI · BIRD VIEW · art museum VERSI · ROWON HOLDINGS · EASTMAN · VERTEX LLamar · 고려대학교 · 연세대학교 YONSEI UNIVERSITY · 경희대학교 Kyung Hee University · 가천대학교 Gachon University · 숙명여자대학교 SOOKMYUNG WOMENS UNIVERSITY · CAU 중앙대학교 · POSTECH