BrahmDAX Hub

What is BrahmDAX Hub? BrahmDAX Hub is a robust DataOps pipeline designed to power:

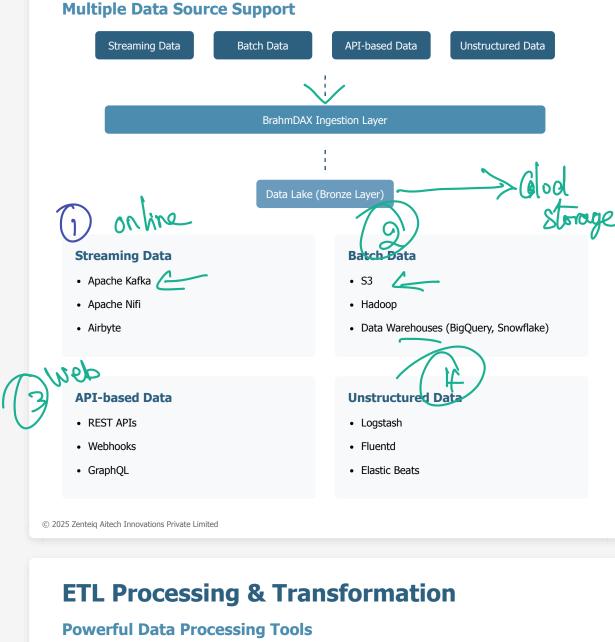
The DataOps Pipeline

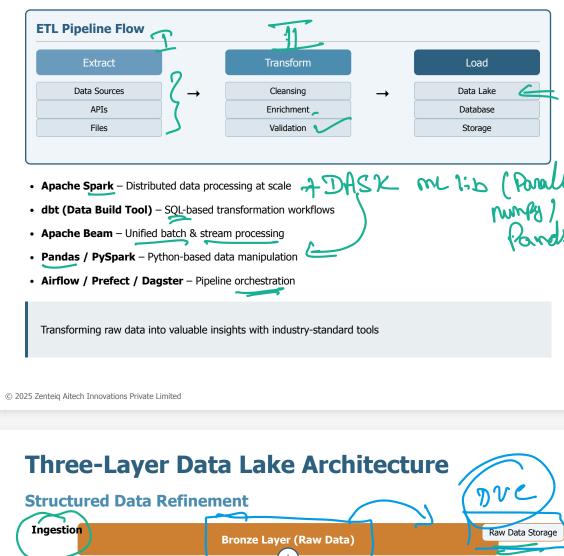
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• BrahmAI LLM - Supporting advanced language model training and inference

- Retrieval-Augmented Generation (RAG) Enhancing LLMs with contextual knowledge
- Comprehensive Data Management End-to-end data infrastructure for AI
 - A complete data infrastructure solution for the entire BrahmAI ecosystem

+Validation Complete End-to-End Solution **Data Ingestion ETL Processing** Storage & Indexing **AI Processing** Data Ingestion - Streaming, batch processing, and API-based collection ETL (Extract, Transform, Load) - Data cleaning, validation, and transformation • Three-Layer Data Lake - Bronze (raw), Silver (validated), Gold (categorized) • Storage & Indexing - Traditional databases and vector search for AI workloads • AI Processing - Fine-tuning, LLM training, and retrieval-augmented generation • Data Governance & Security - Access control, metadata tracking, and monitoring © 2025 Zenteig Aitech Innovations Private Limited **Data Ingestion Capabilities**





Silver Layer (Validated Data)

Data Validation

Processing

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AI & LLM Processing

Advanced AI Workflows

Data Preparation

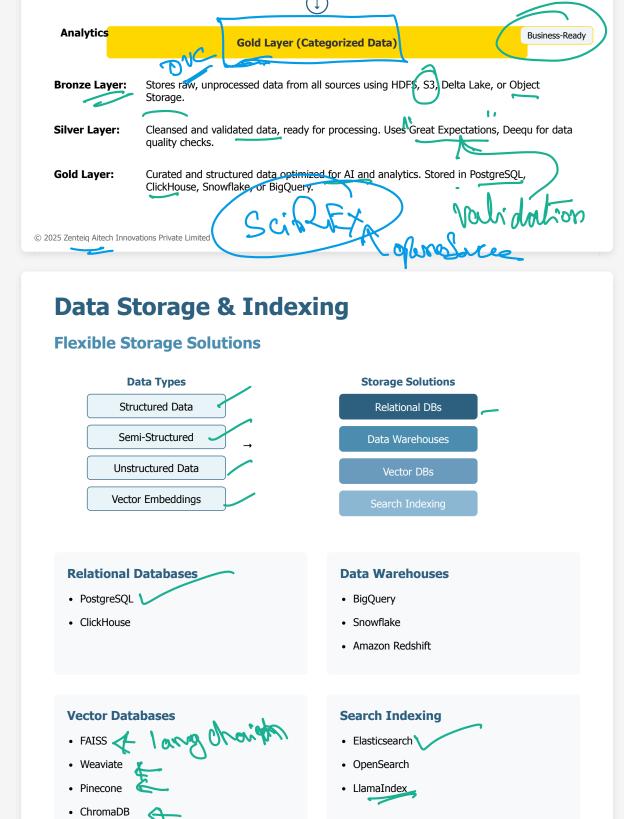
Feature Engineering

ETL & Processing

Implementation planning and timeline

· Integration with existing systems Training and knowledge transfer

Validation





BrahmDAX AI Pipeline Flow

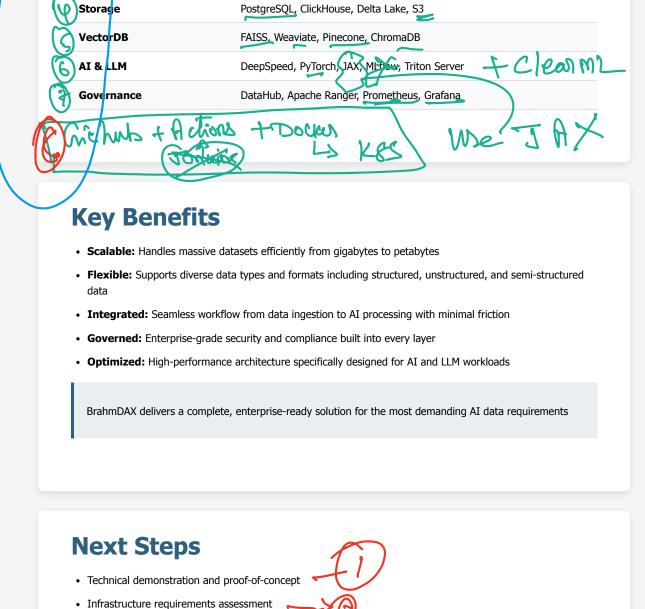
RAG Pipeline

Benchmarking _

Inference

Model Training

Fine-tuning _



Apache Spark, dbt, Beam, Airflow, Prefect

Great Expectations, Deequ

Let's discuss how BrahmDAX can transform your data operations and AI capabilities