

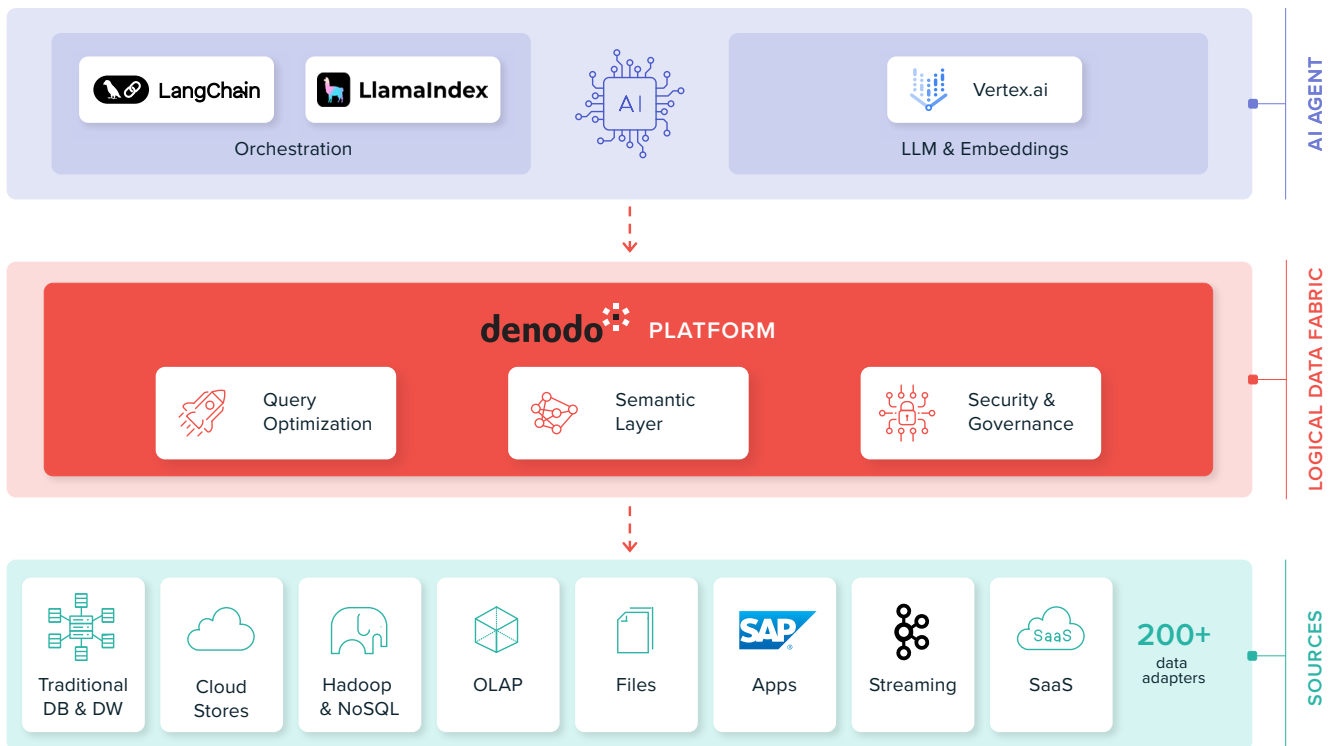


# Supercharge Generative AI Applications with the Denodo Platform and Google Vertex AI

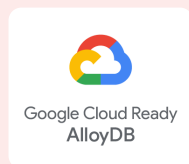
When developing innovative Generative AI services and solutions, real-time access to data across the entire organization is critical. Yet much of that data is siloed across disparate locations and stored in different formats making it unavailable and unusable until it is moved to a common repository, but this takes time and effort. With the Denodo Platform and Google Cloud, businesses can access all of their disparate enterprise data, no matter the format, no matter the location, in real time.

Emerging integration techniques like retrieval-augmented generation (RAG) can improve response accuracy and minimize model hallucinations by anchoring AI responses using data and knowledge drawn from enterprise knowledge and data repositories. RAG is supported by Google Vertex AI today, which enables companies to dynamically retrieve and incorporate relevant enterprise data into their large language models (LLMs).

However, applying RAG in enterprise settings can pose its own complex challenges, as the critical data that RAG requires is often dispersed across myriad dispersed systems. This complexity is amplified when organizations need to access enterprise data in real-time — be it to fetch the latest account balances or track the location of a package. The good news is that the powerful combination of Vertex AI and the Denodo Platform makes it incredibly easy to build next-generation AI applications, leading to improved customer experiences, enhanced decision-making processes, and increased operational efficiency.

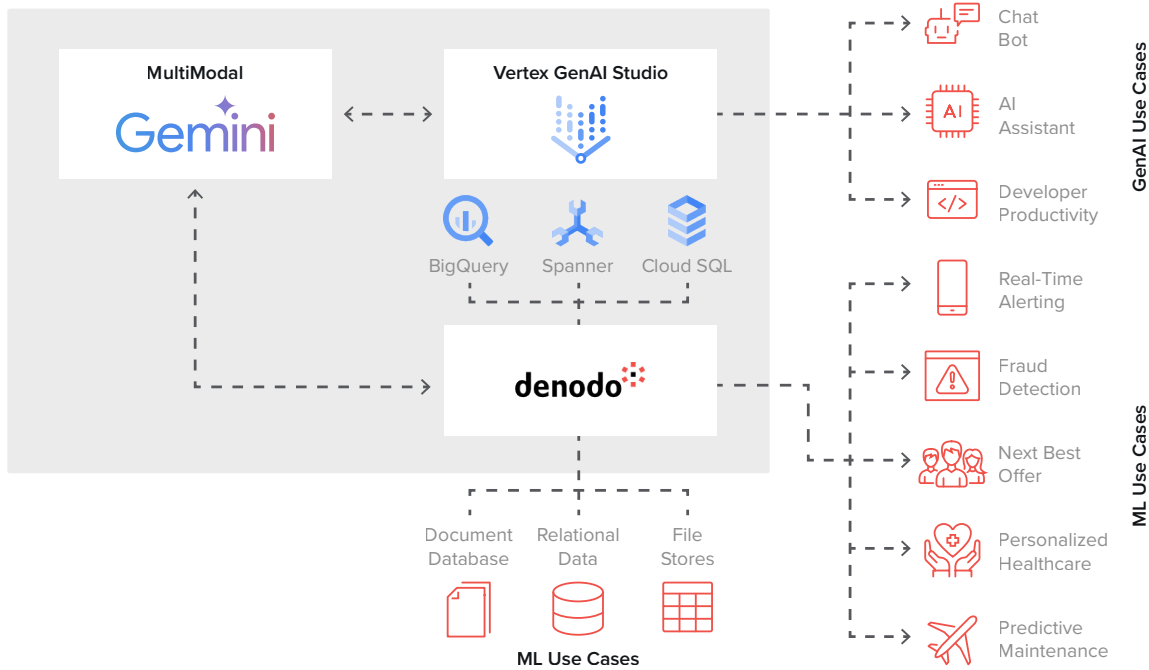


## GOOGLE CLOUD SOLUTION DESIGNATIONS EARNED BY DENODO



The figure below shows what is possible when combining the Denodo Platform with Vertex AI multimodal AI capabilities. For example, it enables new types for virtual assistants and boosts developer productivity. Denodo is also working on supporting use-case-specific applications such as real-time alerting, fraud detection, and predictive maintenance, as well as a variety of industry-specific applications such as personalized healthcare solutions.

### MACHINE LEARNING (ML) AND GENERATIVE AI ARCHITECTURAL DIAGRAM WITH GOOGLE VERTEX AI AND THE DENODO PLATFORM



Learn more about building Generative AI applications with Google and a unified virtual view of all your enterprise data by visiting [pages.denodo.com/GoogleGenAI](https://pages.denodo.com/GoogleGenAI). There, you can watch a demo in which Denodo and Google build a chatbot application for customer interactions in a financial institution, using the Denodo Platform and the Google Vertex AI platform that uses the Google Gemini family of advanced AI models.

### DENODO: THE LEADING LOGICAL DATA MANAGEMENT PLATFORM



**65%** DECREASE IN DELIVERY TIMES OVER ETL

**67%** REDUCTION IN DATA PREPARATION EFFORT

**83%** REDUCTION IN TIME-TO-REVENUE

Source: Forrester Total Impact of Data Virtualization

### DENODO & GOOGLE CLOUD JOINT CUSTOMERS



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