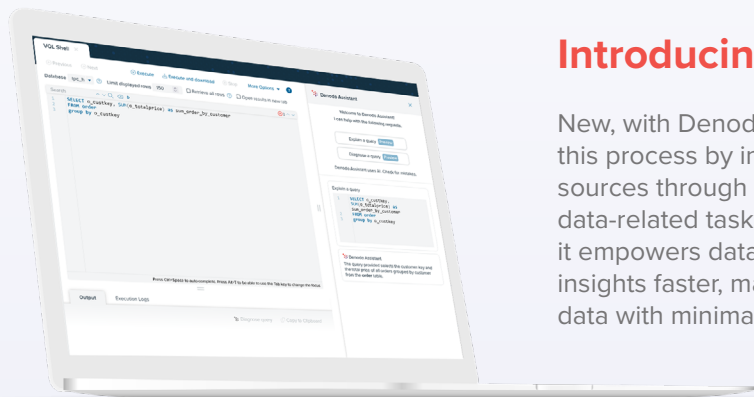# Denodo Assistant: Delivering on the Promise of Intelligent Data Fabric

In spite of significant investment in modern data platforms, many organizations are still struggling to keep up with the increasing volume and variety of data demands from the business. New AI and generative AI (GenAI) projects are compounding this challenge.

The Denodo Platform solves this by making complex, distributed data easily accessible through a single, logical data access and delivery layer, which provides the secure and timely delivery of trusted data to all business users, applications, and AI.

Introducing Denodo Assistant

New, with Denodo Platform 9.1, Denodo Assistant further simplifies this process by intelligently connecting and managing diverse data sources through AI-powered capabilities that augment or automate data-related tasks. By providing intelligent, real-time access to data, it empowers data engineers and business users alike to uncover insights faster, make better decisions, and extract more value from data with minimal manual effort.

The Key Features of Denodo Assistant

✦ ASSISTED QUERY
Denodo Assistant enables business users to query data in natural language through seamless integration with ChatGPT and other GenAI platforms, eliminating the need to write complex queries. This makes interacting with data as easy as asking a question, enabling users to instantly retrieve insights without IT support.

✦ RECOMMENDED DATASETS
By automatically suggesting relevant datasets, based on users' previous activities, Denodo Assistant simplifies data discovery and accelerates self-service analytics. This helps teams quickly find the right data for analysis while also discovering new datasets, enabling new insights and smoother exploration.

✦ DATA PREPARATION WIZARD
With intelligent recommendations, Denodo Assistant enables users of all technical backgrounds to easily customize datasets. This enables data products to be quickly tailored to different use cases without constant involvement from the data team, freeing them to focus on more strategic tasks.

✦ SUGGESTIONS FOR VIEW AND COLUMN DESCRIPTIONS
Denodo Assistant automatically generates meaningful descriptions for views and columns using AI, making data assets easier to create and understand. This improves data clarity, promotes

✦ AUTOMATIC SUMMARY RECOMMENDATIONS
Denodo Assistant analyzes query patterns and recommends summary caches to optimize query performance. By improving execution speed, it provides faster access to critical insights, enabling timely business decisions without delays from slow data retrieval methods.

✦ QUERY WIZARD RECOMMENDATIONS
Denodo Assistant provides step-by-step guidance through query creation, making it easier for users of all skill levels to generate accurate queries. This democratizes data access across the organization, fostering consistent data usage without overloading the technical staff.

✦ INTELLIGENT AUTOCOMPLETION IN VQL SHELL
Denodo Assistant offers context-aware suggestions while users write queries, helping to construct them more efficiently. This reduces errors, accelerates the query-building process, and enables teams to access data without getting bogged down in technical details.

✦ LLM-BASED DATA ENRICHMENT
Denodo Assistant enables users to automatically summarize text, extract information, analyze sentiment, remove sensitive data, and translate text using Large Language Models, available as a function call in VQL.