

The 10 Most Promising Knowledge Management Solution Providers, 2022

Franz Inc. Named to 10 Most Promising Knowledge Management Solution Providers, 2022

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Headquartered in the San Francisco Bay Area, **Franz Inc.** is an early innovator in Artificial Intelligence and a leading supplier of Graph Database technology with expert knowledge in developing and deploying Knowledge Graph and Data Fabric solutions.

Franz Inc.'s Knowledge Graph Solution includes both technology and services for building industrial-strength Entity-Event Knowledge Graphs based on best-in-class tools, products, knowledge, skills, and experience. Dozens of Fortune 500 companies have chosen Franz Inc. to extract sophisticated decision insights and predictive analytics from highly complex, distributed data that cannot be uncovered with conventional database approaches.

Underpinning Flexible AI Knowledge Fabrics with AllegroGraph

Ubiquitous AI requires a new data model approach that unifies typical enterprise data with knowledge bases such as taxonomies, ontologies, industry terms, and other domain knowledge.

Franz's Knowledge Graph approach encapsulates a novel Entity-Event Model, natively integrated with domain ontologies and metadata, and dynamic ways of setting the analytics focus on

all entities in the system (patient, person, devices, transactions, events, operations, etc.) as prime objects that can be the focus of an analytic (AI, ML, DL) process.

The Entity-Event Data Model utilized by AllegroGraph with FedShard puts core “entities” such as customers, patients, students or people of interest at the center and then collects several layers of knowledge related to the entity as “events.” Events represent activities that transpire in a temporal context.

The rich functional and contextual integration of multi-modal, predictive modeling and artificial intelligence is what distinguishes AllegroGraph as a modern, scalable, enterprise analytic platform. AllegroGraph is the first temporal Knowledge Graph technology that encapsulates a novel entity-event model natively integrated with domain ontologies and metadata and dynamic ways of setting the analytics lens on all entities in the system.

Financial institutions, healthcare providers, contact centers, manufacturing firms, government agencies, and other data-centric enterprises that use AllegroGraph gain a holistic, future-proofed Knowledge Graph architecture for big data predictive analytics and machine learning across complex knowledge bases in order to discover deep connections, uncover new patterns and attain explainable results.

AllegroGraph with FedShardä: Combining Data and Knowledge at scale.

Most AI applications and complex reasoning analytics require information from both databases and knowledge bases that contain domain information, taxonomies, and ontologies in order to conduct queries. However, many large-scale knowledge bases cannot be sharded because they contain highly interconnected data. Franz’s patented FedShard uniquely combines data with knowledge bases—providing a novel way to

scale applications for Enterprise wide solutions.

AllegroGraph efficiently combines partitioned data with domain knowledge through an innovative process that keeps as much of the data in RAM as possible to speed data access and fully utilize hardware resources. This approach creates a modern analytic system that integrates data in context (ontologies, metadata, domain knowledge, terminology systems) and time (temporal relationships between components of data). The result is a rich functional and contextual integration of data suitable for large-scale analytics, predictive modeling, and artificial intelligence.

Gruff– Industry-Leading No-Code Graph Visualization and Query Builder

AllegroGraph includes Gruff, the most advanced Knowledge Graph visualization application on the market. Gruff enables users to visualize and explore Knowledge Graphs by displaying data relationships in views that are driven by the user. Ad hoc and exploratory analysis can be performed by simply clicking on different graph nodes to answer questions.

Gruff's unique 'Time Machine' feature provides the capability to explore temporal context and connections within data. The no-code visual query builder within Gruff empowers both novice and expert users to create simple to highly complex queries without writing any code. Gruff is a browser-based application that does not require an additional download or application installation once AllegroGraph is installed. This approach gives users the convenience to access Gruff from anywhere on any type of system, while also simplifying deployment and streamlining updates within enterprise environments.

Gaining Prominence as a Champion in the Knowledge Graph Solutions Market

Franz's technology excellence continues to be recognized by industry experts. Franz was recently named a Big Data 50

Company “Driving Innovation in 2021” and the company’s flagship product, AllegroGraph, has gained prominence as a “Trend Setting Product for 2021” in the knowledge management market.

Industry analysts have recognize Franz as a Champion and AllegroGraph, was relied upon for market research in leading analyst reports, including Forrester’s Now Tech: Multimodel Data Platforms and the Gartner Case Study: Entity-Event Knowledge Graph for Powering AI Solutions (Montefiore).