AllegroGraph Named a 2025 Trend-Setting Product

Franz's Knowledge Graph-Driven Neuro-Symbolic AI Platform Delivers Next Generation AI Solutions for the Enterprise

LAFAYETTE, CA, UNITED STATES, December 18, 2024 / EINPresswire.com/ -- Franz Inc., an early innovator in Artificial Intelligence (AI) and leading supplier of Graph Database technology for Neuro-Symbolic AI Solutions, today announced that it's flagship platform, AllegroGraph, was selected as a "2025 Trend-Setting Product" by Database Trends and Applications.

Franz recently announced AllegroGraph 8.3, with support for additional AI models offered via Ollama. This latest release strengthens AllegroGraph's position as a critical technology for enterprises seeking to integrate advanced AI capabilities with Knowledge Graph-driven solutions.

"We are honored to receive this industry recognition. It is a testament to the critical role that Knowledge

AllegroGraph - Trend Setting Product

AllegroGraph - Franz Inc.

Graphs play in creating the next generation of AI driven applications. " said Dr. Jans Aasman, CEO, Franz Inc. "Neuro-Symbolic AI represents the next evolution of artificial intelligence, where the integration of symbolic reasoning with machine learning delivers unparalleled accuracy, interpretability, and versatility. This approach advances AI technology and ensures that complex decision-making processes are transparent and reliable, setting new benchmarks for the industry."

"Neuro-Symbolic AI is important because it addresses limitations in current AI systems, such as incorrect outputs, lack of generalization to a variety of tasks, and an inability to explain the steps that led to an output," according to Gartner, a leading global research and advisory firm. "This leads to more powerful, versatile and interpretable AI solutions and allows AI systems to tackle more complex tasks with humanlike reasoning." Source: Gartner, Hype Cycle for Artificial Intelligence, 2024.

"The two biggest movers on this year's Hype Cycle are AI engineering and knowledge graphs," points out Afraz Jaffri, Senior Director Analyst, KI Leader at Gartner. "Knowledge graphs are machine-readable representations of the physical and digital worlds. They capture information in a visually intuitive format, yet are still able to represent complex relationships. More importantly, they provide dependable logic and explainable reasoning (as opposed to GenAI's fallible but powerful predictive capabilities)." Source: Gartner, Explore Beyond GenAI on the 2024 Hype Cycle for Artificial Intelligence

As the first Neuro-Symbolic AI Platform, AllegroGraph combines Machine Learning (statistical AI) with knowledge and reasoning (symbolic AI) capabilities. This powerful combination enables AllegroGraph to solve complex problems that require reasoning and learn efficiently with less data, thereby expanding applicability across a broad array of tasks. The blending of machine learning and reasoning in AllegroGraph also produces decisions that are understandable to humans and explainable, an important step in the progression of AI.

The advancements in AllegroGraph encompass the following transformative capabilities and enhancements.

ChatStream – Natural Language Queries with Graph RAG and Feedback - ChatStream harnesses the power of natural language processing to query Knowledge Graph data (Graph RAG) within AllegroGraph. This innovative feature transforms data analysis by allowing users to explore data through simple questions without writing graph queries. ChatStream leverages AllegroGraph's Neuro-symbolic AI capabilities to unlock valuable insights from data, setting a new standard in the ease of accessing and interpreting information.

Enterprise Document Deep-insight - VectorStore capabilities within AllegroGraph offer a seamless bridge between enterprise documents and Knowledge Graphs. This unique feature empowers users to access a wealth of knowledge hidden within documents, allowing users to query content that was previously considered 'dark data.' AllegroGraph's 'triple-attributes' mechanism puts security 'in' the data elements itself. AllegroGraph offers the ability to annotate individual triples or text fragments and thus provides the most granular access method of any Graph-Vector platform.

AI Symbolic Rule Generation - AllegroGraph offers built-in rule-based system capabilities tailored for symbolic reasoning. This unique feature distills complex data into actionable, interpretable

rules. AI symbolic rule generation enables predictions or classifications based on data and provides transparent explanations for their decisions by expressing them in symbolic rules, enhancing trust and interpretability in AI systems.

Knowledge Graph-as-a-Service – A new hosted, free version grants users access to the power of AllegroGraph with LLMagic via a convenient web login - https://allegrograph.cloud

Enhanced Scalability and Performance – AllegroGraph includes enhanced FedShard™ capabilities making the management of sharding more straightforward and user-friendly while reducing query response time and improving overall system performance.

Advanced Knowledge Graph Visualization – A new version of Franz's industry-leading graph visualization software, Gruff v9, is integrated into AllegroGraph. Gruff now includes the ChatStream Natural Language Query feature as a new means to query your Knowledge Graph and is the only graph visualization tool that illustrates RDF-Star (RDF*) annotations, enabling users to add descriptions to edges in a graph - such as scores, weights, temporal aspects and provenance.

Industry Recognition
Franz's AllegroGraph was recently awarded "Best Knowledge Graphs" by KMWorld Reader's Choice voting. Franz was also voted as a finalist in the "Best AI" and "Best Text Analytics and NLP" Reader's Choice voting.

About Franz, Inc.
Franz Inc. stands at the forefront of AI innovation, offering Neuro-Symbolic AI solutions that transform complex data into actionable and comprehensible insights. The company's flagship platform, AllegroGraph, merges the analytical strength of deep learning with the precision of logical reasoning, establishing itself as a critical resource for Enterprises aiming to capitalize on the latest advancements in AI technology. Catering to an array of needs from intricate data integration and cutting-edge analytics to the creation of dynamic Knowledge Graphs, Franz Inc. delivers potent, scalable, and accessible solutions designed to navigate the complexities of today's data-driven environments.

Craig Norvell
Franz Inc.
+1 5104522000
email us here
Visit us on social media:
Facebook
X
LinkedIn
Instagram
YouTube

Other

This press release can be viewed online at: https://www.einpresswire.com/article/769872979