The NewStack — AllegroGraph 8.0 Incorporates Neuro-Symbolic AI, a Pathway to AGI

Franz has updated its flagship AllegroGraph triplestore graph database to include vector generation and vector storage capabilities. The amalgamation allows organizations to avail themselves of all forms of AI: statistical machine learning, non-statistical reasoning and large language models (LLMs) trained on the entirety of the internet.

With all of these approaches available within a knowledge graph framework, organizations can readily implement retrieval augmented generation (RAG) to heighten the accuracy of the results of language models. More importantly, they can employ these three branches of AI to counterbalance one another so that the strength of one method nullifies the drawbacks of another.

The result is a natural language querying system in which the grand vision of AI, statistical and non-statistical, is finally realized.

According to Franz CEO Jans Aasman, "The point of a neuro-symbolic system is you can do amazing things when you combine these systems, and get better results than you could with any of these systems alone."

Thus, organizations can combine the explainability of logic and rules techniques with the vast information LLMs have

learned, while adding the probabilistic pattern recognition of advanced machine learning to ensure accurate AI across any domain — or use case.

Read the full article — https://thenewstack.io/allegrograph-8-0-incorporates-neuro-symbolic-ai-a-pathway-to-agi/