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8:30 AM - 8:50 AM

Querying Minds Want To Know: Can a Data Fabric Overcome the Data Agility Challenge Hindering Gen AI Potential?

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Abstract:

The Department of Defense (DoD) is committed to deploying future-ready AI programs and harnessing the full potential of Generative AI. To achieve this, it must address common obstacles that impede data agility, including data silos, legacy systems, regulatory compliance issues, and diverse data formats from multiple sources. The solution lies in data fabric, a key enabler that connects disparate data sources, formats, and structures.

Enhanced by data virtualization, data fabric serves as a crucial foundation, securely facilitating easy access to and integration of structured and semi-structured data offering the promise of real-time accessibility. This empowers Large Language Models (LLMs) and Retrieval-Augmented Generation (RAG) with a simplified yet comprehensive view of the organization's informational landscape.

This session will explore how the integration of data fabric, RAG, and LLMs can transform the delivery of information to non-technical data users. We will discuss essential platform capabilities necessary to realize a Gen AI-enabled future, including intelligent autonomous agents and on-demand enterprise data querying. Furthermore, in an era where access to LLMs is widespread and foundational models are universally used, we will demonstrate how data agility can provide a strategic decision-making advantage.