

Tuesday, February 13, 2024

9:40 AM - 10:00 AM

Decision and Data Dominance for the Warfighter

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Abstract:

Altair RapidMiner integrates skill-appropriate tooling and data analytics upskilling, becoming a medium for decision dominance in data-intensive environments. Its unique importance lies in the ability to advance enterprise data capabilities across the Business Mission Area and Warfighting Mission Area. Through advanced data integration, analysis, and visualization tools, the platform fosters collaboration in the joint domain environment.

The key is Altair RapidMiner's ability to accommodate users of varying skill levels, from SMEs to developers, addressing challenges such as an analytics skills gap and centralization of data. It promotes a collaborative approach, recognizing SMEs as the best developers of decision systems, even if they lack coding or development skills.

The platform transcends complexity barriers, enabling orchestration, analysis, and actionable intelligence derived from data. Positioned at the cornerstone of the Navy's digital transformation, it empowers personnel to harness the power of data in pursuit of information dominance.

Altair RapidMiner aligns with essential requirements for the Navy, ensuring security, scalability, and availability. Adherence to zero-trust principles, compatibility with modern authentication and authorization standards, and connectivity to enterprise data fabrics make it a robust solution. The platform's unique ability to transition between authoring modalities and provide explainable AI sets it apart as an invaluable tool for the warfighter.

In summary, Altair RapidMiner offers the Navy a comprehensive solution for achieving data and decision dominance. With secure access, multi-persona authoring, built-in upskilling, and trust-building through explainable AI, the US Navy will enhance its advantage in the battlefield by leveraging the full spectrum of data producers and consumers at the speed of war.