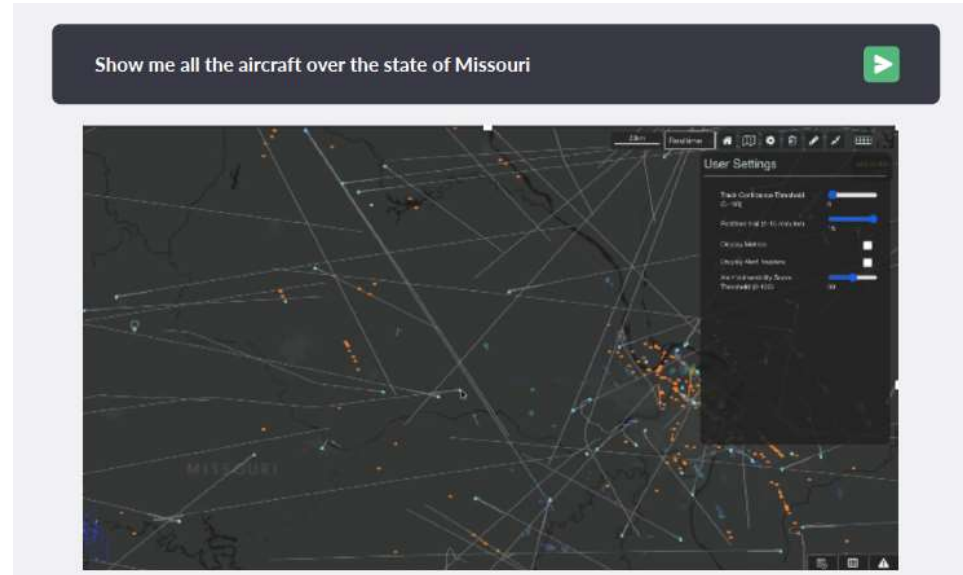# Nima Negahban

Founder & CEO of Kinetica

- Kinetica is a real-time database for spatial and time-series analysis
- First ever GPU database, originally created for the DoD in 2009 to track terrorists
- Came out of The Defense Innovation Unit
- Kinetica is used by ABMS, FAA, US Department of State, Space Force, FEMA, & USPS

kinetica

Generative AI LLMs + Big Spatial Data

Ask any question of spatial data using natural language

- Performance – GPUs accelerate spatial analysis by orders of magnitude

- Accuracy – Fine-tuning of native LLM on spatial syntax

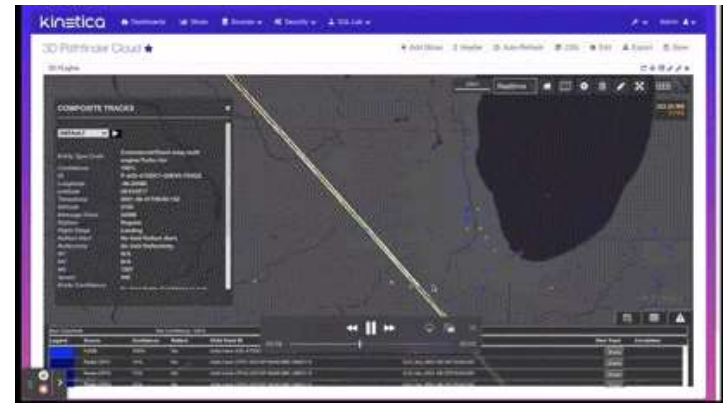- Integration – seamlessly and securely plug into existing data environment

Show me all the aircraft over the state of Missouri

Transforms the way we will interact with geospatial data

kinetica

Generative AI Vector Search + Big Spatial Data

Real-time pattern matching of spatial anomalies

- Spatial trends from radars, satellites, and communications can be turned into vector embeddings and used to find similar patterns

- GPU architecture allows this to be done in real-time

Transforms the way we will find geospatial patterns

kinetica