

Kinetica Streaming Data Warehouse

Kinetica combines historical and streaming data analysis with powerful location intelligence and AI in a single platform, all easily accessible via API and SQL, for instant results.

Your data is only as powerful as your platform. Analyze and act on it with Kinetica.

Unify Analysis

Streaming + Historical

Analyze streaming and historical data together in the same platform in real time.

Many Tools, One Platform

Easily integrate SQL, machine learning, spatial analytics, graph, text search, and time series operations using only Kinetica.

[Learn More About Unified Analytics](#)

Get Context with Location Intelligence

Streaming IoT + Historical Data

Blend streaming IoT data with historical location-enabled business data.

Fast Spatial Queries

Execute spatial queries on huge datasets quickly, and make ML-powered predictions.

Native Geospatial Visualization

Interactively visualize dynamic map features with Kinetica's web map service endpoint or GeoJSON from the API.

[Learn More About Location Intelligence](#)

Analyze as Fast as Data Streams

Analyze While You Stream

Analyze streaming and historical data at high volume and velocity with zero latency.

Massive Scale

Process large-scale queries with thousands of messages per second flowing in, and join with billions of records on the fly.

Many Feeds, One Warehouse

Incorporate hundreds of data feeds to assess and take action.

ML Feature Engineering

Generate features inline, in real time, as input for machine learning models.

[Learn More About Streaming Analytics](#)

Process All the Data

Larger Scale for Better Accuracy

Quickly explore data at petabyte scale for more accurate, nuanced findings.

Unlock Your Data

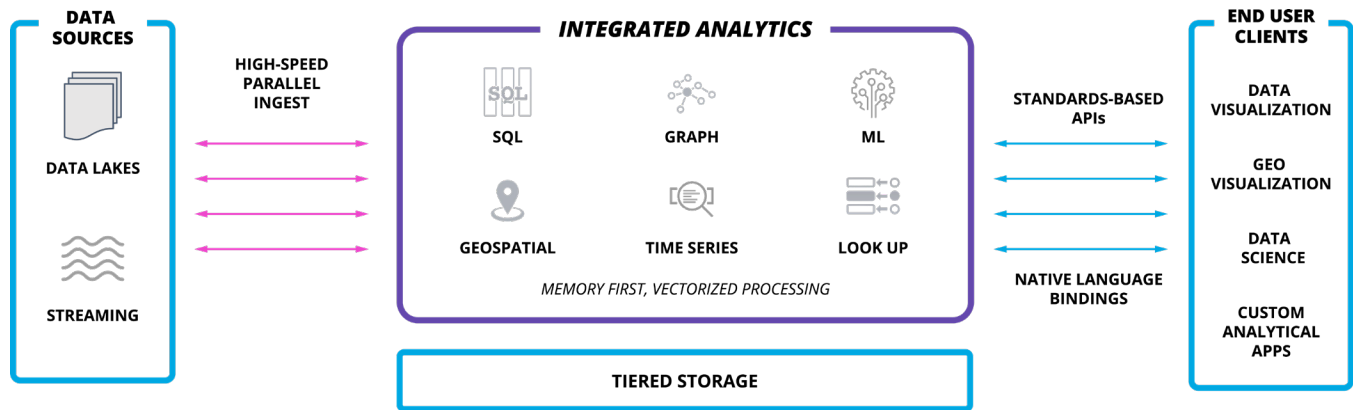
Easily incorporate underutilized data stored in data lakes without letting it become stale.

Control Your TCO

Balance the data available in memory and in cold storage to better control your TCO.

[View Tech Talk](#)

The Kinetica Streaming Data Warehouse



Execute Better with Optimized Analytics Architecture

Modern Architecture

Kinetica is a distributed, memory-first, GPU-accelerated database that takes advantage of modern architectures to give the best performance possible.

Scale Up and Out

Kinetica can be scaled up or out to expand computing power and to balance query processing.

Separate Compute and Storage

Separate compute and storage to achieve petabyte capacity with Kinetica's Tiered Storage architecture.

[Learn More About Kinetica's Analytics Architecture](#)

Meet Enterprise Requirements for High-Value Projects

Enterprise Grade

Kinetica meets stringent enterprise IT requirements, including data protections, security protocols, administration ease.

Deploy in the Cloud or On-Prem

Kinetica can be deployed on all major cloud providers and on-prem.

High Availability

Automatically configure resilience and high availability for large-scale load balancing and disaster recovery.

[Learn More About Enterprise Readiness](#)

Enrich with Machine Learning

ML Deployment & Inferencing

Host and deploy ML models and simplify your data orchestration. Store and audit inferences with ease.

GPU-Accelerated Training

Explore ML models with GPU acceleration.

Flexible ML Deployment Modes

Score high volumes of data with batch, continuous, or on-demand model deployment modes.

[Learn More About Machine Learning](#)

Work with Developer-Friendly Features

Rich APIs & Connectors

Kinetica offers a rich set of APIs and connectors to help you build real-time applications.

Many Code Languages

Kinetica supports SQL, REST, and native language bindings for popular languages to invoke database operations.

[Learn More About Kinetica's Developer Features](#)