

kdb Insights Enterprise

DATA SHEET

KEY FEATURES

- Microservices-based real-time analytics for streaming and historical data
- Leverages cloud standards and services for speedy development and delivery of actionable insights
- Interfaces to Python, ANSI SQL, PostgreSQL and other technologies so users can enjoy common tooling and reduce time from quant research to production
- Kubernetes support for cloud and hybrid deployments

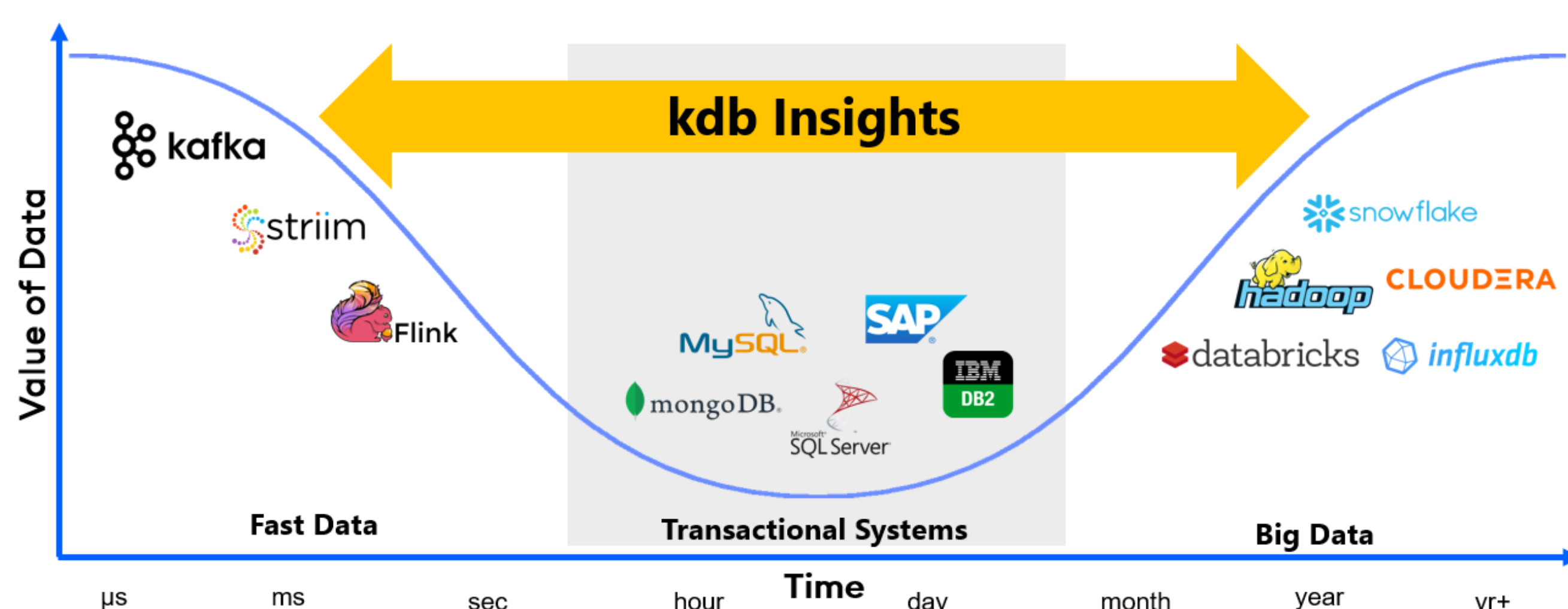
BENEFITS

- Add **100x** more data and efficient analytics into your data science model stacks and real-time feature stores
- Generate **cost savings** and add real-time analysis to your cloud data warehouses and data lakes
- **Manage pipelines** from edge to center, and simplify ingestion to insight

The fastest and most efficient data analytics engine in the cloud.

What is kdb Insights Enterprise

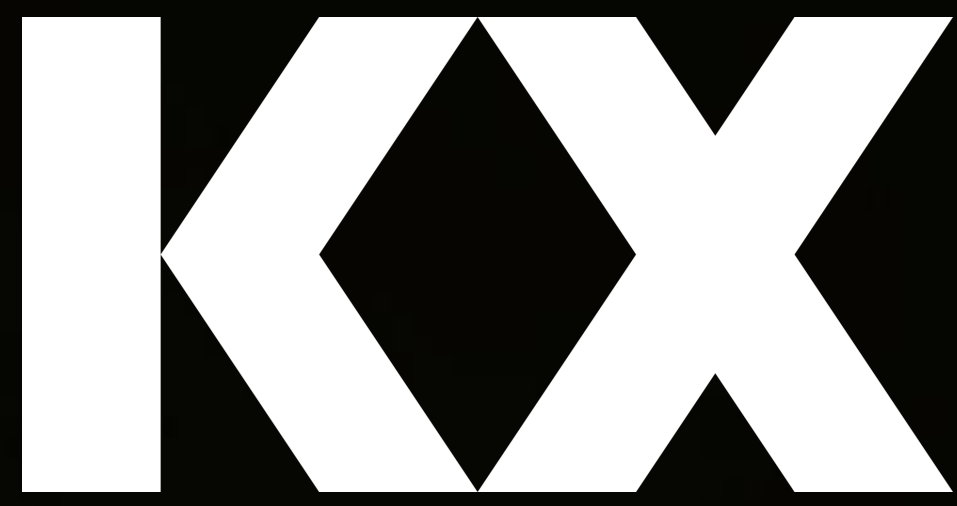
kdb Insights Enterprise is the fastest and most efficient time series analytics engine in the cloud. With integrated data management and streaming analytics, it makes it easy for data scientists and analysts to create robust, production-ready applications.



Key Components

- **kdb Insights core:** Helps you migrate to the cloud and develop new kdb+ applications for real-time analytics. Includes Object Storage, REST Services, KXSQL and PGWire.
- **Database:** a distributed time-series database built upon kdb+, providing real-time data ingestion and query, temporal storage tiering, and scalable query routing.
- **Stream Processor:** A high-performance, scalable event-stream processing system for transforming, validating, processing, enriching and analyzing real-time data in context.
- **Reliable Transport:** Ensures the reliable streaming of messages built upon the RAFT consensus algorithm.
- **PyKX:** is a Python-first interface for the q language and its time-series vector database kdb+. It enables anyone with Python knowledge to apply analytics against vast amounts of data, both in-memory and on-disk.





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SUPPORT

kdb Insights Enterprise is supported through one of the following plans:

Customer Managed

Customer manages deployment, resource allocation, redundancy and security.

KX Managed

KX Maintains and manages deployment and resources on customer behalf.

GET STARTED

The fastest and most efficient data analytics engine in the cloud.

- **free** to start
- **blazingly** fast
- **easy** to use
- **extreme** scalability

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Key Features

- Extract data from multiple sources (historical and real-time), process, and generate new insights.
- Build complex data pipelines via a simple Graphical User Interface or Command Line.
- Import, transform, and query data using q, Python or SQL.
- Create graphs and charts with integrated Visuals or export to external services such as PowerBI and Tableau.
- Dynamically adjust resource through auto scaling to optimize performance, cost, and sustainability.
- Deploy across multiple availability zones, with multi-process resiliency.
- Secure login and authentication with Multi Factor Authentication and Role Based Access Control.

Available on all major cloud providers



Try kdb Insights Enterprise **free for 7days**



For more information please contact sales@kx.com or visit www.kx.com