KX Insights

October 2021

KX Insights™ Mission Statement and Roadmap

1. Cloud First Product – Enable our clients on the cloud, on-prem and hybrid.

2. Ease of Use - Democratise KX

3. Simplicity and Interoperability - Use standard tools to run and operate your KX estate.

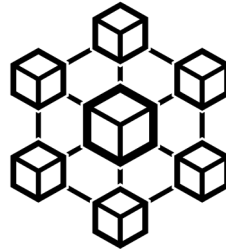4. Lower TCO – through data storage savings and resource efficiency

KX INSIGHTS

kdb+ Cloud Edition

- kdb+ with cloud native integration
- Object store support
- REST Client/Server, Auth.
- Logging
- Packaging Solution
- Kubernetes Support

KX Insights Microservices

- Ecosystem of discrete components
- Adheres to **OpenAPI** standard
- Developed on KX Cloud Edition
- Can be integrated with an existing KX environment
- Can be composed to develop a new application

KX Insights Platform

- Enterprise grade, cloud native analytics platform
- Horizontal platform for all business verticals
- Developed on kdb+ Cloud Edition and Insights Microservices

Integrated

SQL Support
Query data using SQL and integrate with SQL-based applications

Python-first approach
Taking a Python-first approach with pykdb, a python native interface to access q without writing q

Stream Semantics
Simplifying complex event processing by adopting modern stream semantics modelled on Apache Beam and SQL Streaming

OpenAPI
Integrate with any programming language using KX OpenAPI

Kubernetes Operator
Use the KX Kubernetes Operator to package, deploy and manage KX Insights on any cloud

Data Pipelines & Assemblies
Standardised architecture with out-of-the-box components for data management