Data Debrief

Every Monday

Your weekly data-driven crypto market overview.

Deep Dive

Every Thursday

In-depth analysis of the crypto trends that matter.

Research
Newsletters

Data-driven analysis read by thousands of industry professionals.

kaiko.com/newsletters

Smart
Data

Kaiko empowers businesses with actionable and reliable crypto asset data solutions.

Founded in 2014, Kaiko is the leading source of cryptocurrency market data, analytics, indices, and research, providing global connectivity to real time and historical data feeds. Kaiko's trusted data solutions power use cases across the investment lifecycle, serving more than 200 institutional and crypto-native enterprises.

SOC 2 Type 2® compliant data
Kaiko undergoes a regular third-party audit to certify its products

100+
crypto exchanges

10+ years
historical market data

> 99%
API uptime

40 Million
daily API calls

55+ Billion
tick-level data points

180,000
spot, futures and options

Powering use cases across the investment lifecycle

Trading

From pre-trade to post-trade, we offer buy-side firms the solutions necessary to maximize profitability.

Research and Analysis

We equip analysts and academics with the data they need to gain a deep understanding of markets.

Financial Products

Build innovative investible products with the most reliable data in the industry.

Market Infrastructure

Integrate live and historical cryptocurrency market data into your platform, app, or website.

Tax, Audit & Accounting

Our pricing services guarantee Fair Market Value (FMV) pricing for a range of use cases.

Regulators and Supervision

Reliable data shapes effective regulation, enabling regulators to enhance market oversight.

Web3

Building DeFi products or monitor token health with reliable and manipulation resistant data feeds.

Risk Management

Trustworthy analytics for unpredictable markets, empowering financial professionals.

How it works

We collect and standardize data from 100+ unique sources and redistribute via the widest variety of distribution channels in the industry.

Data Pools

Centralized Markets - 100+

itBit   Kraken   GEMINI   Deribit

Bitstamp   BINANCE   coinbase

DeFi Protocols - 10+

1inch   SushiSwap   Curve

UNISWAP   Balancer   AAVE

Data Extraction

Internet Collection via REST and WebSocket

Blockchain collection from Ethereum, Avalanche, BSC, and more.

Data Products

Market Data

- Trade Data
- Order Books
- Derivatives Data

DeFi and Blockchain

- DEX Trades
- DEX Liquidity Pools
- Lending & Borrowing
- Wallet Data

Analytics

- Pricing Services
- Asset & Exchange Metrics
- Risk Metrics
- IV

Rates and Indices

- Digital Asset Rates
- Indices
- Custom Indices
- Exchange Ranking

Data Distribution

Kaiko Distribution

REST + Stream   Snowflake

Google GCP   AWS S3

Azure   BigQuery

Private Networks

ICE Extranet   BT Extranet

IPC Extranet   BPIPE   Bloomberg

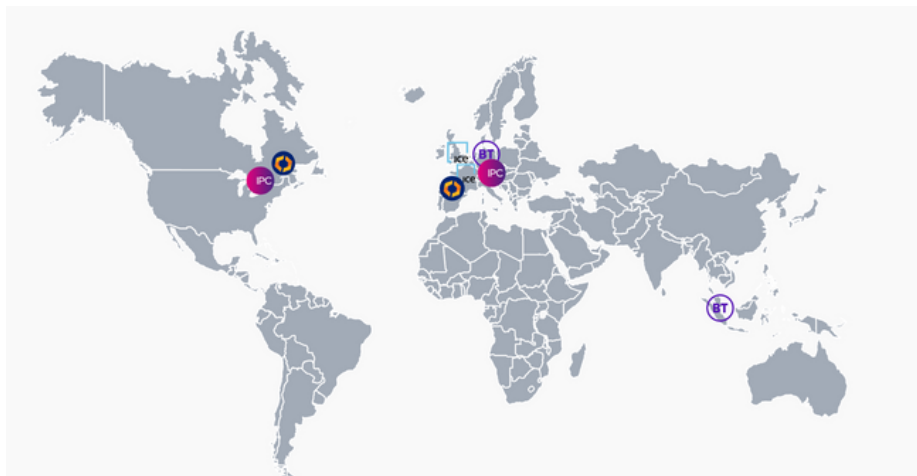### Blockchain Oracles

Kaiko oracle

Web3 oracles

Financial Terminals

Messari   Terminal   Bloomberg

Refinitiv Eikon   Deutsche Borse

Versatile
Connectivity

Kaiko's data services are accessible to match all profiles: cloud, on-prem, hybrid.

Kaiko data is available with the following distributors:

ICE - X-Connect:
- London Slough (LD4)
- Paris Telehouse (TH2)

BT - X-Connect:
- Singapore (SG1)
- Frankfurt (FR5)

IPC - X-Connect:
- Cologix Montreal (MTL3)
- Frankfurt (FR5)

Our data is also distributed via the Internet from our data centers located in Beauharnois, Canada and France.

REST API   **CSV File Export**   **Stream**

Data products

Trade Data

Tick-level trades and aggregated data from the world's leading cryptocurrency exchanges.

Tick-Level Trade Data

Every transaction on an exchange: price, volume, and direction

Granularity: Tick-Level
Delivery: CSV, API, Stream

OHLCV Candlesticks

[Open, High, Low, Close, Volume] candlestick data

Granularity: s/m/h/d
Delivery: CSV, API, Stream

VWAP (Average Price)

[Volume Weighted Average Price] data

Granularity: s/m/h/d
Delivery: CSV, API, Stream

Order Book Data

The most granular liquidity data in the industry optimized for quantitative analysis

Tick-Level Updates

All added, changed, and removed bids and ask

Granularity: Tick-Level
Delivery: CSV, Stream

Top of Book

The best bid and best ask on an order book

Granularity: Tick-Level
Delivery: CSV, Stream

Order Book Snapshots

All bids and asks placed within 10% of the mid price

Granularity: mn
Delivery: CSV, API

Order Book Metrics

Spread, depth and price slippage, derived from order book snapshots

Granularity: Snapshot or m/h/d
Delivery: API

Aggregated Quotes

Compliant price quotes for crypto assets, aggregated across trusted exchanges

Granularity: 1s
Delivery: Stream

Derivatives Data

Market data and analytics covering the entire crypto derivatives market.

Derivatives Metrics

Open interest, funding rates, and other contract-specific metrics

Granularity: mn
Delivery: CSV, API

Implied Volaility

Smiles and Surfaces updated every minute, adapted for crypto markets

Granularity: 1m
Delivery: API

Market Data

All Trade and Order Book products, for all derivatives contracts

Granularity: Tick/Aggregates
Delivery: CSV, REST, BigQuery and Stream

DeFi & Blockhain

Data collected from blockchain networks for the most liquid DeFi protocols.

DEX Trade Data

All swaps on the most liquid decentralized exchanges, normalized and consolidated

Granularity: Tick-Level, Block-by-Block
Delivery: CSV, API, Stream

DEX Liquidity Pool Data

Mints, burns and token reserves for thousands of liquidity pools

Granularity: Tick-Level, Block-by-Block
Delivery: CSV, API

Lending & Borrowing

All swaps on the most liquid decentralized exchanges, normalized and consolidated

Granularity: Tick-Level, Block-by-Block
Coverage: AAVE, MAKER, Compound, Cream
Collection: Ethereum
Delivery: CSV, API

Wallet Data

An account-like description of every single blockchain wallet's token holdings over time

Granularity: Tick-Level, Block-by-Block
Coverage: Ethereum, Bitcoin, Binance, Smart Chain, and more
Delivery: CSV, Google BigQuery

Pricing Services

Regulatory-compliant single asset price feeds for fair value reporting.

Robust Pair Prices

Outlier-resistant price feeds aggregated across real trading pairs

Granularity: s/m/h/d
Delivery: API

Cross Prices

Synthetic fiat or crypto conversions for all assets

Granularity: s/m/h/d
Delivery: API, Stream

Oanda FX Rates

IRFS compliant FX rates for 70+ FOREX pairs, in partnership with Oanda

Granularity: m/h/d
Delivery: API

Portfolio Solutions

Portfolio tools designed for professional risk management.

Portfolio Valuation

Customizable single and multi-asset price feeds

Granularity: mn/h/d
Delivery: CSV, API, Stream

Value at Risk (VaR)

Daily Value at Risk (VaR) estimator for single and multi-asset portfolios

Granularity: d
Delivery: CSV, API

Liquidity Metrics

The ultimate toolkit for analyzing crypto asset liquidity.

Asset Metrics

Aggregated volume and depth across all markets, converted to USD

Granularity: h/d
Delivery: API

Exchange Metrics

Aggregated volume for all instruments on an exchange, converted to USD

Granularity: h/d
Delivery: API

Rates & Indices

Price feeds for financial professionals and product issuers, compliant with EU BMR regulation.

Digital Asset Rates

Trusted and reliable single-asset rates, administered by Kaiko Indices

Granularity: 5s
Delivery: CSV, Stream

Blue Chip Indices

A comprehensive suite of Indices benchmarking the top digital assets

Granularity: 5s
Delivery: Stream

Custom Indices

Built by our team of experts, for innovative products

Granularity: Any
Delivery: Any

Exchange Ranking

A classification of centralized crypto exchanges based on a proprietary methodology

Live Indices Dashboard

A real time platform displaying Kaiko's suite of Rates and Indices

Trusted information from all markets, on all networks.

Learn more about our data solutions.
www.kaiko.com

Contact us to discuss our products.
sales@kaiko.com

Kaiko
smart data

OUR CLIENTS

Bitstamp

BANK OF CANADA
BANQUE DU CANADA

nansen

Cornell University

Bloomberg

TS TRADINGSCREEN

UNIVERSITY OF
OXFORD

DEUTSCHE BÖRSE
GROUP

GEMINI

MESSARI

北京师范大学
BEIJING NORMAL UNIVERSITY

PAXOS

AAVE

LEDGER

PYTH

PRINCETON
UNIVERSITY

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