



Blockchain and Digital Asset Data

Scalable cryptocurrency data for financial services

Overview:

Amberdata delivers comprehensive data and insights into blockchain networks, crypto markets, and decentralized finance, empowering financial institutions with historical and real-time fundamental (on-chain) and market data for research, trading, risk, analytics, reporting, and compliance. We eliminate the infrastructure setup, integration challenges and maintenance headaches to access digital asset data, reducing cost and time to market for entering the digital asset class.



Features:

Market Data: Trade, analyze and power your digital asset intelligence with a robust set of data and tools

- Tick-by-tick order book updates and snapshots
- Real time and historical trades, OHLCV, TWAP, VWAP, BBO
- Spot, Futures, and Options coverage from the top CEXs
- Digital asset reference rates with a robust methodology
- Token prices & metrics

DeFi Data: Deep insights into risk and opportunity into decentralized finance, DEX, and lending protocols

- Fill transparency into Liquidity pools, trading volume, price, TVL
- Real time & historical trade data
- Lending rates and metrics
- Wallet and portfolio level insights across DEXs and lending protocols

Blockchain Data: Scaled, trusted, verifiable, our blockchain data spans the full breadth of features and enables all use-cases

- Raw blockchain data
- Account balance & token activity
- Mempool monitoring & alerting
- Blockchain metrics

KEY BENEFITS

INSTITUTIONAL GRADE INFRASTRUCTURE

- Highly available, massively scalable infrastructure
- Monitored 24x7
- Flexible data access - choose WebSockets, RPC, REST API, AWS S3, or query through Snowflake and Google Analytics Hub

COMPREHENSIVE DATA

- One vendor for market, DeFi, and on-chain data, allowing you to accelerate time to market for digital asset products
- Granular data in familiar formats so you can apply traditional finance methods to digital assets
- Low latency for real-time data

TRUSTED EXPERIENCE

- Deep expertise in creating Indexed, searchable, time-series data combined in recognizable formats



Amberdata (AD) Derivatives

Comprehensive API and Analytics UI for Crypto Derivatives Traders

Overview:

AD Derivatives provides comprehensive real-time and historical spot, vol, and derivatives data with a robust set of analytics and tools that allow traders to identify opportunities, manage risk, and build better strategies.

- Access live stats such as implied volatility pricing, open interest, volume, time and sales data, and deep liquidity profiles
- Extensive historical data to explore trends and compare historical volatility
- Leverage DeFi derivatives coverage to analyze on-chain liquidity and find edge and alpha in nascent DeFi options markets



KEY BENEFITS

ACCURATE IMPLIED VOLATILITY

Raw quote data for thousands of options are normalized to provide accurate and comparable IV.

CONSTANT DELTA

Options data is weighted and interpolated to create consistent time-series analysis. Time to expiration measures normalized and charted.

GAMMA EXPOSURE (GEX)

Measure true trade “aggressors” combined with immediate changes in open interest. Leverage a set of over 30 proprietary trade heuristics. Anticipate hedging flows and other market moving activity.

DEEP HISTORY AND ANALYTICS

Years of historical volatility surfaces like strikes and moneyness. Analytics, tools, and data sets built on years of deep trading expertise and trusted by institutional traders.

Identify Opportunity | Analyze Trade Activity | Manage Risk



Use Cases

Financial Institutions, FinTechs, and Crypto Natives – Data for Every Pre- and Post-Trade Need

Front Office Trade: Research & Make Informed Trading Decisions

Don't waste time, budget and effort building and maintaining data infrastructure. Amberdata provides the digital asset data you need to support trading, research and portfolio management.

Mid Office: Visibility for Risk Management

Mitigating risk and managing the balance sheet with digital assets requires comprehensive data, just as it does with other asset classes. Get the visibility you need into digital assets with Amberdata.

Back Office: Critical Data for Taxes & Accounting

Accounting and tax/regulatory compliance are simply more complex in the digital asset class. Amberdata provides easy-to-consume data so you can properly account for and report on crypto transactions.

What It Takes to Navigate Digital Asset Data

For those that aren't completely immersed in digital assets, it may not be clear how difficult it is to access digital asset data. Whether you're building research dashboards or institutional crypto custody or tax solution, you'll need digital asset market, on-chain, and DeFi data from numerous exchanges and blockchains, requiring you to build infrastructure and gain the expertise to turn raw data into actionable information.



Want to learn more? [Schedule a demo with our team here.](#)