

RYAN HOLLOWAY

Nashville, TN | me@ryanholloway.xyz | (217) 251-5072 | raho.me/my-work

CRYPTO DATA SCIENTIST

Onchain data scientist, four years across protocol analytics and research. At Uniswap Labs, quantified DEX volume quality and modeled protocol fee revenue ahead of the V2 fee switch. At a16z crypto, bylined co-author on published data journalism and builder of the automated system behind the firm's charts and its State of Crypto report. Dune SQL/Trino, Python, AMM mechanics, EVM execution.

EXPERIENCE

Data Consultant · a16z crypto

May 2026 – Present

- Bylined co-author on a16z crypto's data journalism — published analysis and charts on tokenized stocks, Argentine stablecoin adoption, prediction markets, and tokenized assets.
- Lead data analysis and chart production for the annual State of Crypto report, the firm's flagship publication.
- Built the automated Chart of the Week pipeline: eight agents from research through drafting, with three independent QA gates that reject with coded reasons and route rework.
- Wrote ~75,000 lines of Python chart tooling — 255 renderers, 158 scripts that independently recompute every published figure from committed data, SHA-256 provenance per chart — plus brand skills that removed design from chart production.
- Caught material third-party warehouse errors pre-publication: a corrupt venue feed inflating an all-venues denominator ~15x, a flat fee-scale assumption overstating deployer revenue ~4.5x.
- Shipped an interactive RWA perps dashboard (Next.js, Vercel) joining live Hyperliquid API data to Artemis history, with twenty documented methodology decisions.

Data Scientist · Uniswap Labs

Oct 2025 – Feb 2026

- Analyzed DEX volume quality across Uniswap V2/V3/V4 and competitors, separating monetizable from non-monetizable flow to inform fee strategy.
- Modeled protocol fee revenue ahead of the Dec 2025 V2 UNification fee switch, then measured realized collection and TokenJar accumulation against projections.
- Established that the fee switch eliminated V2 wash trading by making round-trip volume uneconomical once the 0.05% fee stacked on gas, confirming the pre-launch thesis.
- Built wash-trading detection frameworks and volume-quality filters; quantified ~70% non-monetizable volume on V2 against 0.19–0.97% for Aerodrome, attributing the gap to fee architecture.
- Ran forensic analysis of round-trip patterns in cb-asset pairs on Base (49.8% non-monetizable vs 0.26% on Ethereum), separating structural cbBTC arbitrage from wash trading.
- Sized withdrawal risk at fee activation via LP-token lock rates (2% of V2 TVL permanently locked); built base analytics frameworks for new chains including Monad.

Senior Data Analyst · Scroll

Jun 2024 – Jul 2025

- Owned data for the SCR airdrop: built eligibility applications across multiple sources and supported distribution ops; active users grew 30%.
- Led liquidity growth analysis as onchain liquidity scaled from \$100M to \$1.55B.
- Maintained data coverage and integration for 115 dApps across the Scroll ecosystem.

Data Analyst · Boost Studios

Dec 2023 – Jun 2024

- Ran quest campaigns end to end and built the Dune tracking behind them, iterating targeting from in-flight data.

Governance Lead · Messari

May 2022 – Jul 2023

- Scaled Messari Governor's DAO coverage from 30 to over 100 protocols by automating proposal ingestion; researched governance and proposal impact across major DAOs.

SELECTED PUBLICATIONS — a16z crypto

- [3 charts on the tokenized stocks boom](#) · with Robert Hackett
- [How Argentina uses stablecoins, in 5 charts](#) · with Alejandro Flores
- [Payment card stablecoin spend, in charts](#)
- [Prediction markets hit a record week](#)
- [Prediction market volume and open interest at all-time highs](#)
- [The tokenized asset market, in charts](#)

SKILLS

Query & languages Dune SQL (Trino), Snowflake SQL, Python, JavaScript/TypeScript

Onchain analytics AMM and DEX mechanics, EVM execution, volume-quality and wash-trading detection, fee and revenue modeling, airdrop eligibility, cross-chain comparison, DAO governance

Platforms & build Dune, Flipside, Artemis, Allium, Hex, Snowflake, DefiLlama; Next.js, Recharts, D3/SVG pipelines, Claude Code, Figma

EDUCATION

Arizona State University, International / Global Studies, 2022 · **Lake Land College**, Associate's, Business Administration & Management, 2022