Datastat Research
Building Capacity in Training and Research

DATASTAT TRAINING IN

OFFICIAL COURSE PROSPECTUS

Center for Advanced Research & Professional Development

Nairobi Training Center • Global Virtual Academy • Corporate On-Site

ECONOMICS INSTITUTE

Cryptocurrency Economics Training Course

Comprehensive Course Syllabus, Practical Modules & Upcoming Schedules

PROGRAM SPECIFICATIONS & HIGHLIGHTS

DURATION
5 Days Practical Hands-on

DELIVERY MODES
In-Person Class & Live Virtual

CERTIFICATION
Accredited Certificate of Completion

INTAKES / DATES
Multiple Cohort Schedules Included

PREPARED FOR:

Valued Participant

Email: training@datastatresearch.org | Issued: November 21, 2026

Academic & Professional Training Year: 2026

DATASTAT TRAINING INSTITUTE

P.O. Box 102802-00101, Nairobi, Kenya

Training Centers: Nairobi • Mombasa • Kigali • Dubai • Live Virtual Academy

Tel: +254 724 527 104 | +254 734 969 612

Email: training@datastatresearch.org

www.datastatresearch.org

Cryptocurrency Economics Training Course

Economics Institute • 5 Days Intensive • Accredited Certification

Course Overview

Cryptocurrency Economics Training Course is designed to provide a practical understanding of the economic principles, financial systems, market structures, and technological foundations shaping the rapidly evolving digital asset economy.

Key Skills & Software Tools Covered

MS Word • CoinMarketCap • TradingView • and CoinGecko

Upcoming Training Schedules

Confirmed cohort intakes and venues. Both physical in-person classroom and live virtual online seats are available.

TRAINING DATES	LOCATION / VENUE	FORMAT / DURATION	INVESTMENT (FEE)
7 Sep 2026 – 11 Sep 2026	Nairobi	Classroom / 5d	**$1,500 USD / KES 110,000**
7 Sep 2026 – 11 Sep 2026	Kigali	Classroom / 5d	**$3,000 USD / KES 110,000**
7 Sep 2026 – 11 Sep 2026	Dubai	Classroom / 5d	**$5,000 USD / KES 110,000**
7 Sep 2026 – 11 Sep 2026	Cape Town	Classroom / 5d	**$4,500 USD / KES 110,000**
7 Sep 2026 – 11 Sep 2026	Addis Ababa	Classroom / 5d	**$3,000 USD / KES 110,000**
7 Sep 2026 – 11 Sep 2026	Singapore	Classroom / 5d	**$5,000 USD / KES 110,000**
7 Sep 2026 – 11 Sep 2026	Istanbul	Classroom / 5d	**$5,000 USD / KES 110,000**
7 Sep 2026 – 11 Sep 2026	Bangkok	Classroom / 5d	**$5,000 USD / KES 110,000**
7 Sep 2026 – 11 Sep 2026	Accra	Classroom / 5d	**$4,000 USD / KES 110,000**
14 Sep 2026 – 18 Sep 2026	Nairobi	Classroom / 5d	**$1,500 USD / KES 110,000**
14 Sep 2026 – 18 Sep 2026	Kigali	Classroom / 5d	**$3,000 USD / KES 110,000**
14 Sep 2026 – 18 Sep 2026	Dubai	Classroom / 5d	**$5,000 USD / KES 110,000**

* Corporate discounts and customized cohort scheduling are available for teams of 3 or more participants.

Course Curriculum & Modules

Cryptocurrency Economics Training Course

Introduction

Cryptocurrency Economics Training Course is designed to provide a practical understanding of the economic principles, financial systems, market structures, and technological foundations shaping the rapidly evolving digital asset economy. The course examines cryptocurrency valuation, monetary economics, tokenomics, blockchain networks, decentralized finance (DeFi), stablecoins, crypto markets, digital currencies, market liquidity, price discovery, inflation, monetary policy, and the economic incentives that influence blockchain ecosystems. Participants will explore how cryptocurrencies challenge traditional financial models while creating new opportunities for investment, innovation, payments, financial inclusion, and digital economic development.

The training also develops practical analytical capabilities for evaluating cryptocurrency markets, assessing economic risks, understanding market cycles, and interpreting regulatory and macroeconomic developments affecting digital assets. Through international case studies and applied economic scenarios, participants will examine Bitcoin, Ethereum, stablecoins, central bank digital currencies (CBDCs), decentralized finance, tokenized assets, and emerging Web3 economies. The course equips professionals, policymakers, economists, financial analysts, investors, entrepreneurs, and technology leaders with knowledge required to make informed economic and strategic decisions within the global cryptocurrency ecosystem.

Course Objectives

By the end of this course, participants will be able to:

- Explain cryptocurrency economics and digital asset market structures.
- Analyze Bitcoin and Ethereum using economic and financial principles.
- Evaluate cryptocurrency supply, demand, scarcity, and price discovery.
- Interpret tokenomics and cryptocurrency valuation models.
- Assess monetary policy and its impact on crypto markets.
- Analyze stablecoins and their role in digital financial systems.
- Examine DeFi economics, liquidity, lending, and decentralized markets.
- Evaluate cryptocurrency volatility, systemic risk, and market cycles.
- Analyze blockchain network effects and economic incentives.
- Compare cryptocurrencies with traditional currencies and financial assets.
- Examine CBDCs and their implications for monetary economics.
- Assess cryptocurrency regulation, taxation, and economic policy challenges.
- Apply data-driven economic analysis to cryptocurrency investment and strategy.

Organizational Benefits

- Strengthens cryptocurrency economics and digital finance expertise.
- Improves financial market analysis and investment decision-making.
- Develops practical understanding of tokenomics and valuation.
- Enhances awareness of blockchain-based economic models.
- Supports strategic cryptocurrency risk management.
- Improves understanding of monetary policy and digital currencies.
- Builds DeFi and stablecoin economic analysis capabilities.
- Supports informed cryptocurrency policy development.
- Enhances organizational digital transformation capabilities.
- Provides globally relevant cryptocurrency economic knowledge.

Target Audiences

- Economists and economic researchers.
- Financial analysts and investment professionals.
- Cryptocurrency and blockchain professionals.
- Central bank and government officials.
- Policymakers and financial regulators.
- Entrepreneurs and fintech executives.
- Investors and portfolio managers.
- Academics, consultants, and business strategists.

Course Duration: 5 days

Course Modules

Module 1: Foundations of Cryptocurrency Economics

- Evolution of money and digital currencies.
- Economic foundations of Bitcoin and blockchain.
- Cryptocurrency market structures and participants.
- Monetary economics and digital scarcity.
- Network effects and cryptocurrency adoption.
- Global case study: Bitcoin's development as a digital monetary asset.

Module 2: Cryptocurrency Supply, Demand and Valuation

- Supply and demand dynamics in crypto markets.
- Scarcity, issuance, halving, and monetary supply.
- Cryptocurrency price discovery mechanisms.
- Fundamental and market-based valuation approaches.
- Tokenomics and incentive structures.

- Global case study: Bitcoin halving cycles and market responses.

Module 3: Cryptocurrency Markets and Investment Economics

- Crypto exchanges and market microstructure.
- Liquidity, spreads, trading volumes, and market efficiency.
- Volatility and cryptocurrency market cycles.
- Portfolio diversification and digital assets.
- Behavioral economics and investor sentiment.
- Global case study: Cryptocurrency market cycles during major bull and bear markets.

Module 4: Ethereum, Smart Contracts and DeFi Economics

- Ethereum's economic architecture.
- Gas fees, transaction demand, and network economics.
- Smart contracts and decentralized economic coordination.
- DeFi lending, borrowing, staking, and liquidity.
- Automated market makers and decentralized exchanges.
- Global case study: Uniswap and decentralized market-making economics.

Module 5: Stablecoins and Digital Monetary Systems

- Stablecoin models and economic foundations.
- Fiat-backed, crypto-backed, and algorithmic stablecoins.
- Stablecoin reserves, liquidity, and systemic risks.
- Payments, remittances, and financial inclusion.
- Stablecoins versus traditional monetary instruments.
- Global case study: USDT and USDC in international digital finance.

Module 6: Cryptocurrency, Monetary Policy and Macroeconomics

- Inflation, interest rates, and cryptocurrency markets.
- Central bank policy and digital asset prices.
- Cryptocurrency as an alternative monetary system.
- Capital flows, exchange rates, and crypto markets.
- Macroeconomic shocks and digital asset volatility.
- Global case study: Crypto market reactions to major global monetary tightening cycles.

Module 7: CBDCs, Regulation and Economic Policy

- Central bank digital currencies and monetary sovereignty.
- CBDC economic opportunities and challenges.
- Cryptocurrency regulation and market stability.
- Taxation, compliance, and consumer protection.
- Financial stability and systemic cryptocurrency risks.
- Global case study: China's digital yuan and international CBDC development.

Module 8: Future of Cryptocurrency Economics

- Tokenization and the future of financial markets.
- Web3 economies and decentralized ownership.
- Institutional adoption and digital asset infrastructure.
- Emerging cryptocurrency economic models.
- Strategic opportunities and future market risks.
- Global case study: Tokenized real-world assets and evolving digital capital markets.

Training Methodology

- Instructor-led presentations and interactive lectures.
- Practical cryptocurrency market analysis.
- International case studies and economic scenarios.

- Group discussions and collaborative exercises.
- Simulated cryptocurrency investment and policy exercises.
- Q&A sessions, assessments, and knowledge reviews.

Register as a group from 3 participants for a Discount

Send us an email: info@datastatresearch.org or call +254724527104

Certification

Upon successful completion of this training, participants will be issued with a globally- recognized certificate.

Tailor-Made Course

We also offer tailor-made courses based on your needs.

Key Notes

a. The participant must be conversant with English.

b. Upon completion of training the participant will be issued with an Authorized Training Certificate

c. Course duration is flexible and the contents can be modified to fit any number of days.

d. The course fee includes facilitation training materials, 2 coffee breaks, buffet lunch and A Certificate upon successful completion of Training.

e. One-year post-training support Consultation and Coaching provided after the course.

f. Payment should be done at least a week before commence of the training, to DATASTAT CONSULTANCY LTD account, as indicated in the invoice so as to enable us prepare better for you.

Certification & Learning Methodology

- Hands-on practical delivery with real-world datasets, case studies, and lab exercises.
- Post-training mentorship, access to class resources, and customized follow-up support.
- Participants who successfully complete the course receive an accredited Datastat Certificate of Completion.

How to Enroll & Reserve Your Seat

1. Online Registration: Visit https://datastatresearch.org/courses/cryptocurrency-economics-training-course to register online.
2. Email Booking: Send participant details to training@datastatresearch.org for official invoice & reservation.
3. Support & Assistance: Inquire via phone +254 724 527 104 | +254 734 969 612.