arkadia

ROUTE
Bitcoin training

PLAN B
NETWORK

Bitcoin
Applications

Classroom

Course description

Module 4
Bitcoin ecosystem evolution

Module 4 - Bitcoin ecosystem evolution

Description

Although its main purpose is clarified in the opening words of **the White Paper,** over the years Bitcoin has undergone **significant evolution** both in terms of **narrative** and in terms of **applications** which, in compliance with **the basic rules of the protocol**, are gradually emerging. This module aims to provide an overview of the general situation, the **main applications,** the most controversial ones, and those with the greatest potential for disruption, with a focus on **scalability** and its impact on payments.

Duration: 4h

Format: Training classroom

Contents

Lightning Network: the state of the art and future developments

- Privacy
- Performance
- Adoption

Taproot Assets and RGB Protocol: tokenized assets on Bitcoin

- Stablecoins
- Security Tokens
- NFT

Bitcoin and DeFi: the frontiers of decentralized finance "Bitcoin-native"

- Infrastructure and security
- Smart Contracts
- Emerging Projects

Ordinals and Bitcoin NFTs

- Cultural impact
- Technical Impact
- Controversies

Interoperability and cross-chain: bridges between Bitcoin and other ecosystems

- Layer 2 solutions
- Atomic Swap
- Multi-chain protocols