**Gizathon Agent Idea Submission Form**

Your idea is eligible only if it answers all three of the following questions with a YES!

1)Does my agent idea contain Machine Learning, needs ZK, and is actionable?

Yes, BTC price will be predicted by ML model ( have done some basic research ) , and that proof of that prediction – will be sent to an agent, that will re-balance the portfolio of digital assets.

2) Is it possible to obtain the necessary data to build the model?

Yes, Public data exists for ETF Flows (daily), PCI (monthly), unemployment( monthly )

3) Is it a feasible problem for an ML model?

Yes, Public data exists for ETF Flows (daily), PCI (monthly), unemployment( monthly ) - Regession, XGBoost.

Project Name \* Portfolio Rebalancing Predictor

Project Code \*

The code that was sent to you upon registration (32 characters)

Team Size \*1.

Agent Idea Description \*

Based on the proof supplied to the Agent, the agent will re-balance the portfolio

Define Use Case and Requirements \*

Recently, there has been a postulation on the variables affecting the bitcoin price ( ETF flows – predominant, US-CPI, Unemployment numbers, Interest Rates and Direction ) etc,

The model attempts to predict based on these factors.

Agent Specifications & Scope \*

What actions is the agent expected to make and how often?

1. The Agents will have to rebalance against BTC-USDC positions based on the prediction volatility band., and my trading guidelines.
2. The Agents will have to rebalance against BTC-and other ALTCOIN positions based on the prediction volatility band., and my trading guidelines.

Do you need to build new smart contracts for it or integrate with existing ones?

Define Model Requirements \*

Please define the type, complexity and model below

Define Dataset Requirements \*

Define Agent Feasibility \*

Workflow Chart

Provide an end to end workflow chart of agent execution onchain

Attach file

Drop files here