



AI Based Grid Trading Strategy Builder

Erdem DEMİRTAŞ - Ali Kerem DEMİR
Ezgi KETEN - Aydolu KONCA
Dr. Faris Serdar TAŞEL



Çankaya University, Department of Computer Engineering

Abstract

The “AI-Based Grid Trading Strategy Builder” project aimed to develop an advanced web-based platform that leverages artificial intelligence to optimize cryptocurrency trading strategies. The system is built around a multi-layered architecture that incorporates advanced artificial intelligence algorithms, specifically genetic algorithms, to analyze historical market data and optimize grid trading strategies for the volatile cryptocurrency market. The artificial intelligence module serves as the heart of the system, using genetic algorithms to increase the profitability of trading strategies based on user preferences and market conditions.



Introduction

While numerous applications offer AI-generated trading strategies, they often lack sufficient transparency regarding the methodologies used in these strategies' computation and their performance based on historical market data. The project, titled "Gridy: AI-Based Grid Trading Strategy Builder," developed an AI-based system for grid trading strategies in financial markets, with an emphasis on cryptocurrencies and futures markets. The core of the platform lies in its use of genetic algorithms to analyze historical market data, enhancing the profitability and efficiency of grid trading strategies.

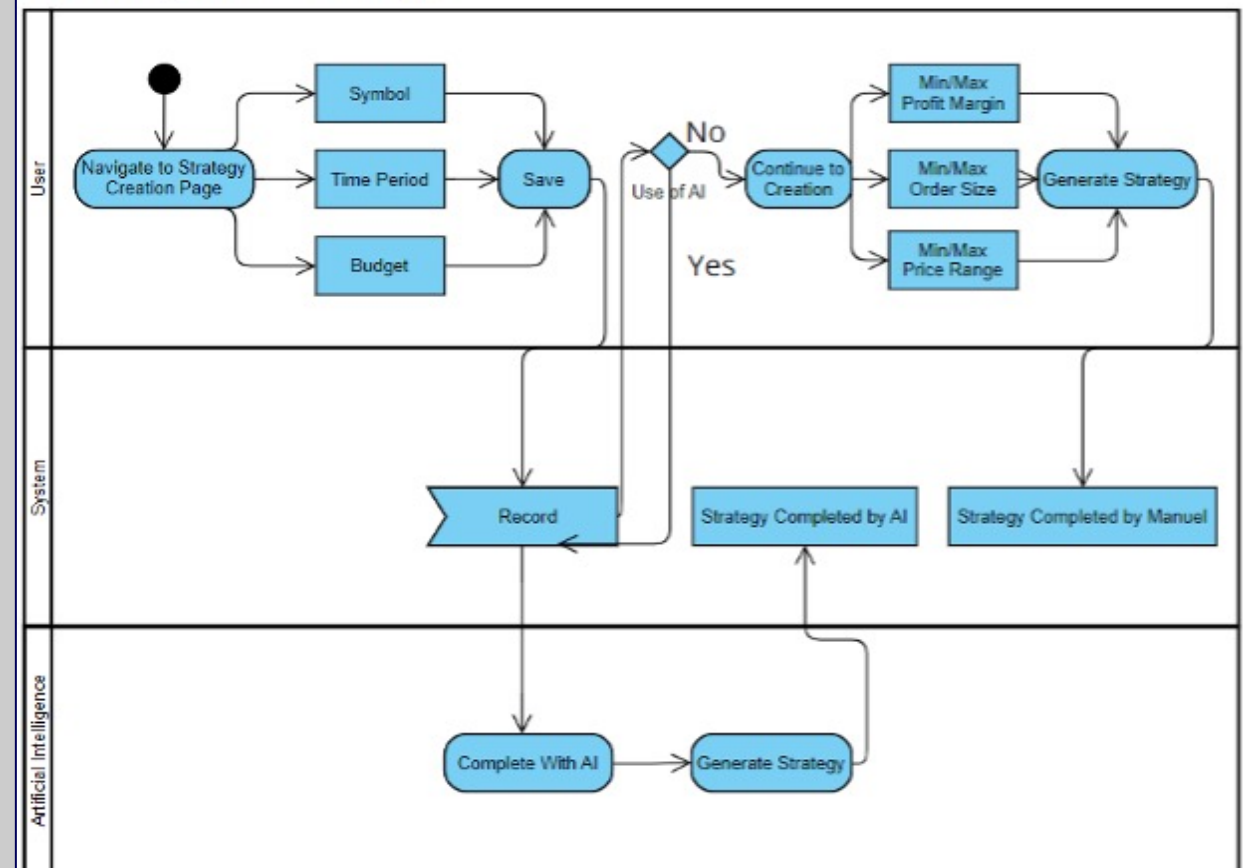
Solution

In “Gridy”, the genetic algorithm optimizes grid trading strategies by evolving a population of strategy variations, using historical market data segments to evaluate and iteratively improve their performance.

Our advanced simulation tool evaluates the performance of AI-generated trading strategies for selected currency pairs and time frames, delivering a detailed analysis in a comprehensive report to users.

GRIDY								
Home								
New Strategy								
Past Strategies								
Logout								
Past Strategies								
#	Symbol	Max Grids	Min Grids	Max Price	Min Price	Date	Status	Action
1	BTCUSDT	170	10	70700	66300	22/05/2024	COMPLETED	View
2	BTCUSDT	170	50	70000	60000	22/05/2024	COMPLETED	View
3	BTCUSDT	170	10	70000	60000	24/05/2024	COMPLETED	View
4	BTCUSDT	170	10	70000	60000	25/05/2024	COMPLETED	View
5	BTCUSDT	170	10	60000	50000	26/05/2024	STARTED	
6	BTCUSDT	75	25	75000	65000	26/05/2024	NEW	Start

Generating Grid Bot Strategy



[Home](#)
[New Strategy](#)
[Past Strategies](#)
[Logout](#)

Create Spot Grid

Symbol

Time Interval

Min. Price

Min Price

Max. Price

Max Price

Min Grids

Min Grids

Max Grids

Max Grids

Investment

Investment

Submit

Acknowledgement

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