



Version
2.0

BUILD YOUR OWN A.I.



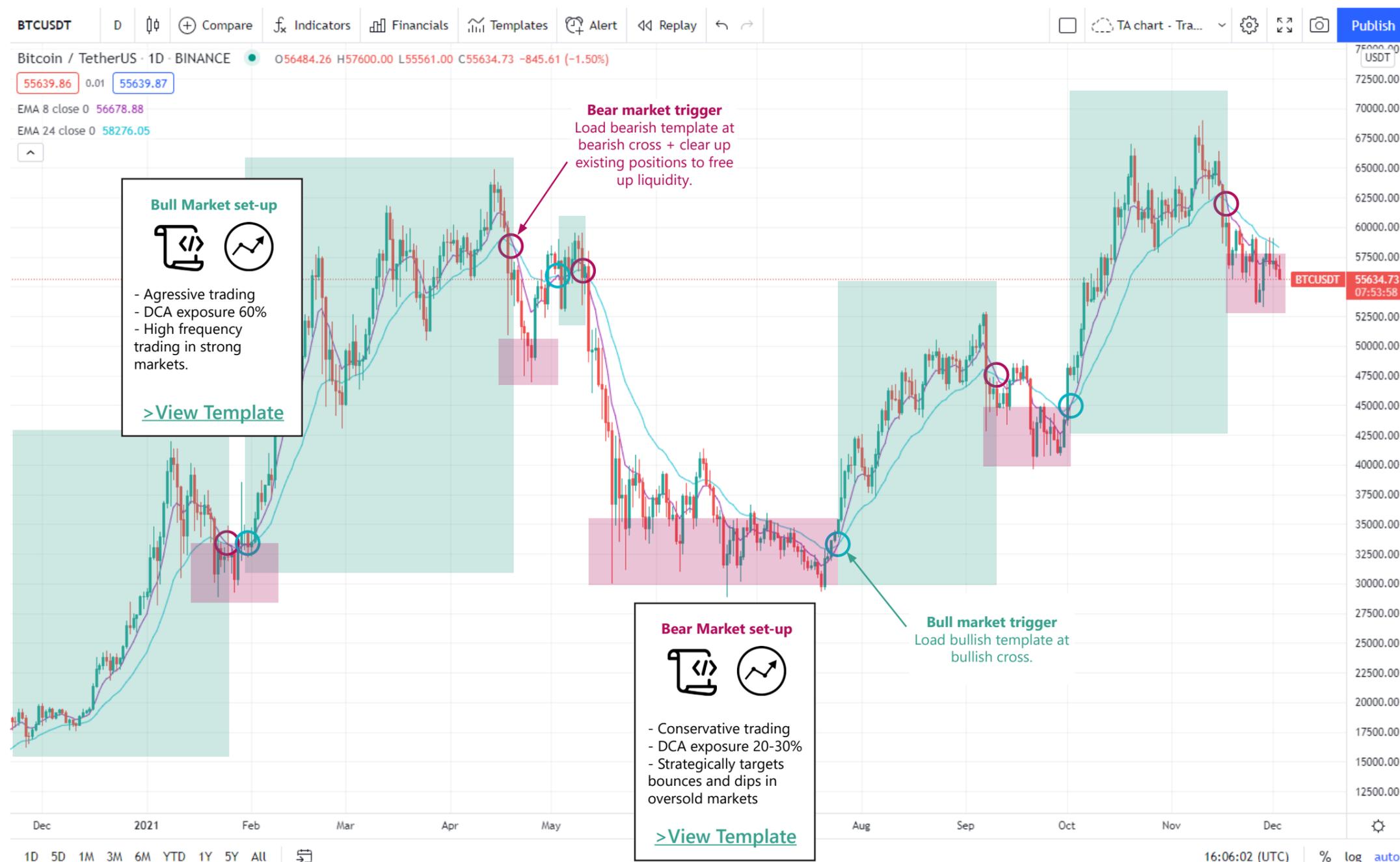
Trade your favorite crypto with your favorite strategies.

Let algorithmic intelligence continuously choose the best strategies for current market conditions.

Gainscript is not a financial advisor. Any suggestions or recommendations by our support team should therefore never be interpreted as financial advice. Gainscript is not liable/responsible for losses in any way and it is the user's sole responsibility to make personal investment/trading decisions. All tools, templates, strategies provided are to be used with caution and expertise.

All strategies are regularly backtested, but as markets change, so can the results. Past performance does not guarantee future success.

<+> Holistic algo trading approach



Predefine how you trade market trends

What makes a profitable algo trader? Proper risk management and preparation for each market scenario.

Making profits in a bull market is one thing, but retaining your sweet gains when markets get bearish is even more crucial in beating markets. DCA with 40% liquidity only gets you so far, because if pullbacks are significant and reserve funds are used up, you might find your trading account in freefall if losing positions are not controlled. How much more lucrative it is to take profits, free up your liquidity in time and use your hopper to wait and conservatively buy dips, trade bounces and double down on your discounted coin favorite. selectively reinvesting your profits. No, you can't make the same gains in a bear market. Risk is bigger, rewards are smaller. Trying to catch a green candle in a river of red is like swimming up a waterfall. Being bullish in a bear market will get you punished. Bear markets can only be traded with a conservative, bearish set-up. If you're risk averse, choosing not to trade at all in a bear market (or just accumulate Bitcoin) is also an excellent choice.

To kick-start your set-up we've prepared two templates including EMA auto-load triggers which correspond with their A.I. set-ups, available in the marketplace. As always, we strongly encourage traders to make their own set-up decisions and even more so which coins to trade or accumulate in a bearish context.

What market are we in now? <https://www.gainscript.com/market-dashboard>

Read our Trigger Set-up guide: <https://www.gainscript.com/downloads>

[>Get Bull Market A.I. Template](#)

[>Get Bear Market A.I. Template](#)

<+> What is Algorithmic Intelligence in Cryptohopper

What is A.I. and why should I use it?

In Cryptohopper, A.I. means algorithmic intelligence. It automatically backtests your chosen strategies against all coins based on last month's performance. It allows to combine multiple strategies, increasing trade frequency and the ability to exploit a wider plethora of market scenarios. This can be a huge advantage, but as always, we'll take a closer look at the things traders should consider.

+ Advantages

- Combine multiple strategies into one!
- Ability to exploit more trade scenarios.
- Higher trade frequency, ideal for uptrends (compound faster).
- Automatic backtesting.
- Filter signals from poor performing strategies.

- Considerations

- 'Lag' in A.I. score as it takes time (up to 30 days) for the AI to detect that strategies have not been performing well enough after bearish trend reversal. This can be fixed using an auto-load template trigger (read trigger guide), but should not be overlooked.
- Sell signals may 'interfere' with too many strategies in the A.I.
- Hard to isolate which strategy generated the actual buy signal making it harder to properly manage risk.
- Too many strategies may yield overly aggressive trade frequency in a bear market. Make sure your set-up matches market conditions.

<+> Gainscrypt A.I. Set-ups

This manual addresses **3 set-ups** to get you started with Gainscrypt A.I. set-ups. They can be loaded upon market trends & expectations manually, or automatically loaded based on triggers (for example EMA). Feel free to tweak them to your personal style and preferences. Make sure to check out the [trigger guide](#) and [template set-up guide](#).



1. Bull Market set-up

Bullish Scalping A.I.

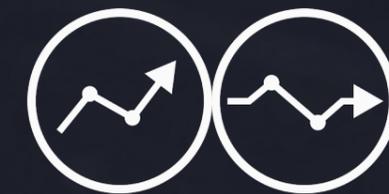
> View Template



2. Bear Market set-up

Bounce Trading A.I.

> View Template



3. Bullish & Range set-up

Swing Trading A.I.

- Highest frequency
- Small trailing targets
- Powerful in bull trends
- Uses trigger to auto-swap to Bear Market Set-up

- Buys bottoms
- Trades Bounces
- Small-med trailing targets
- Uses trigger to auto-swap to Bull Market Set-up

- Conservative Bull Set-up
- Balanced signals
- Medium frequency
- Medium trailing targets
- Able to capitalize on bullish markets & ranging markets

Set-up 1: Bullish Scalping A.I.



PLUG-INS



ALL STRATEGIES + SIGNALS

CRYPTOHOPPER EXCLUSIVE

SIGNALS PREMIUM

GAINSCRIPT.com

SPOT MARKET

PROFIT TURBINE

Hero Strategy
Midcap + Lowcap

GAINSCRIPT.com

HI-FREQUENCY

BULL POWER

Hero Strategy
All coins

GAINSCRIPT.com

DAILY ALTCOIN

SCALP HUNTER

Hero Strategy
All coins & exchanges

GAINSCRIPT.com

BULL-MARKET

WAVE GAINER

Hero Strategy
Mid-cap coins

GAINSCRIPT.com

POSITION BUILDER

TACTICAL ACCUMULATION

Hero Strategy
Premium Projects

GAINSCRIPT.com

EMA bullish cross triggered? Market is likely to trend upwards. Use the bullish scalping A.I. to exploit every trade opportunity with aggressive, high frequency trading as the trend is your friend. Auto-load back to a bearish set-up when the EMA trend gets bearish (recommended).

Template

BULL MARKET SET-UP

ALL STRATEGIES

1-A.I.

Hero Strategy
All coins

GAINSCRIPT.com

Set-up 2: Bounce Trader A.I.



PLUG-INS



Template



STRATEGIES



For disciplined, bold traders wanting to trade bounces during downtrends, the Bounce Trader A.I. setup offers a solution to do so. Keep in mind, that trading in a downtrend is risky and harder to consistently make profits in.

Set-up 3: Swing Trading A.I.



Template



STRATEGIES

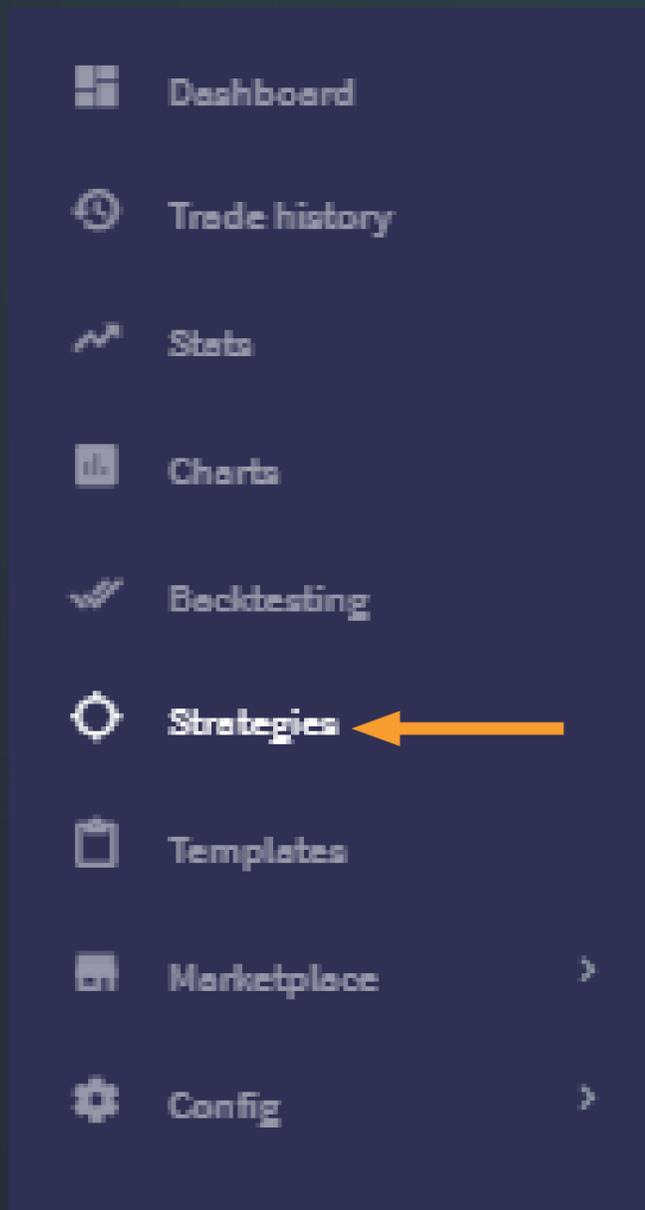


The Swing A.I. includes strategies with a balanced signal rate, with entries at swing lows, dips, and small pumps. It is geared for sideways action as well as bullish trends.

HOW TO SET-UP

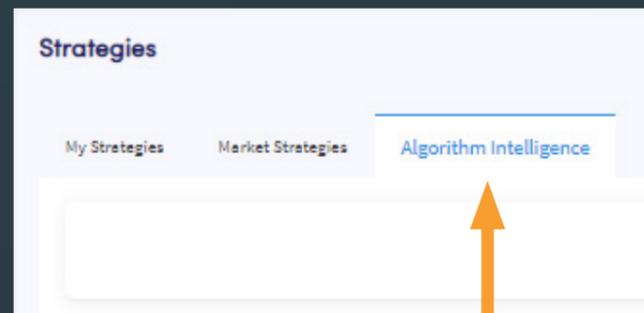
STEP 1:

Go to strategies on the menu ribbon.



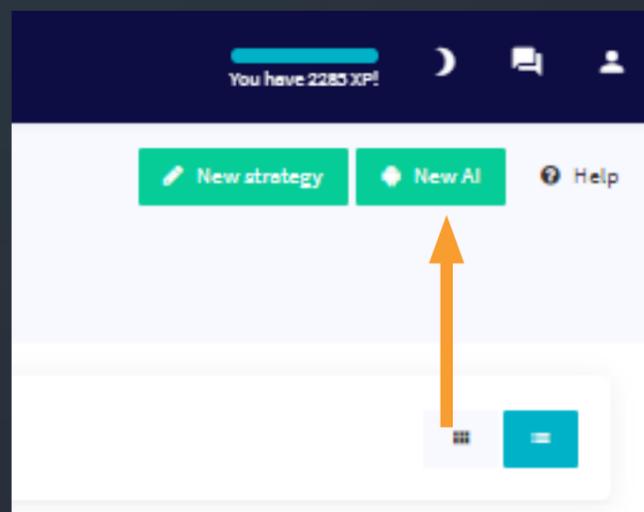
STEP 2:

Select "Algorithm Intelligence".



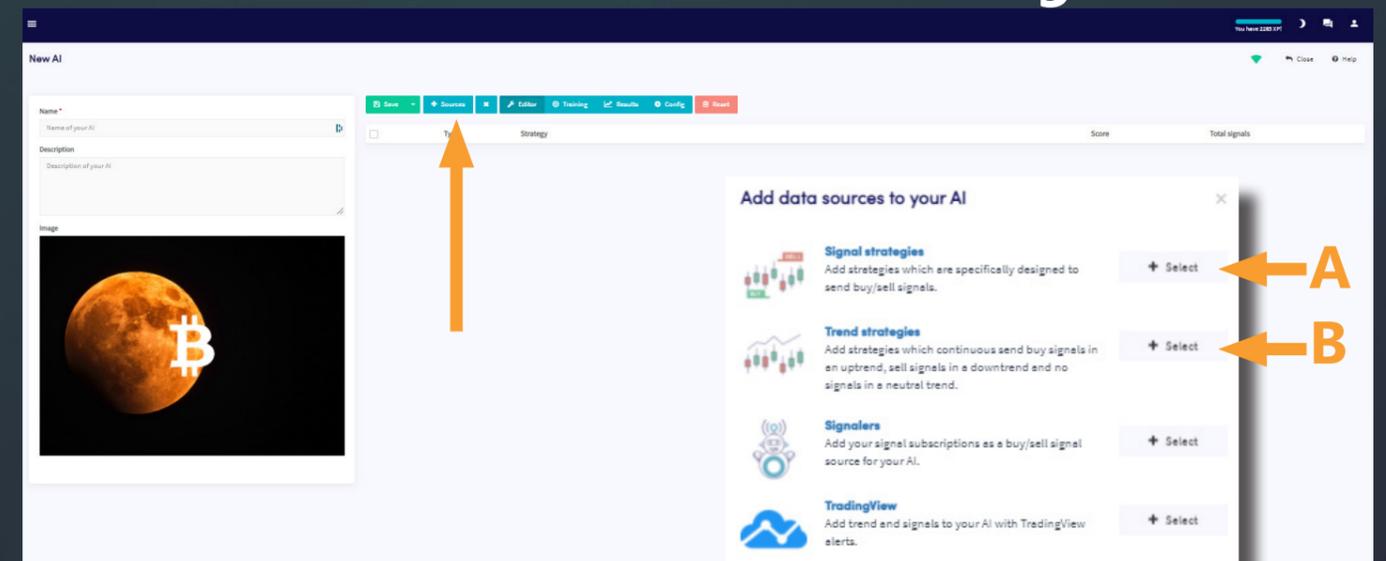
STEP 3:

Select "New AI" in the topright corner.

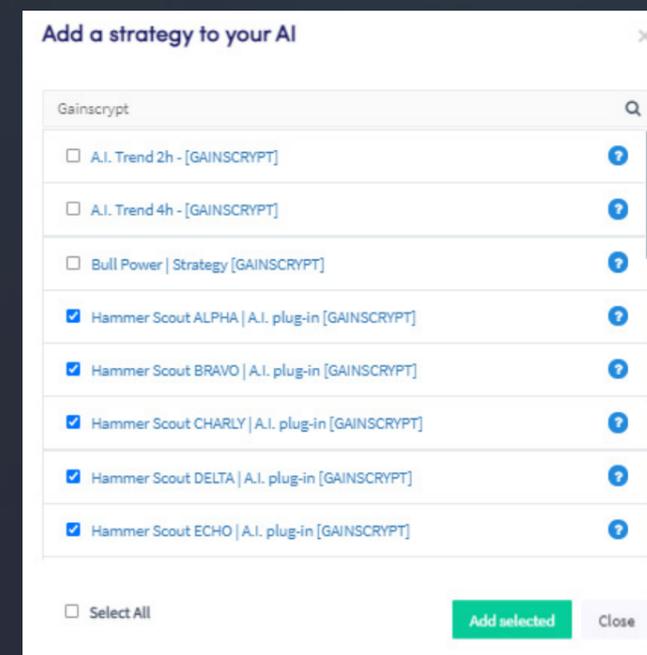


STEP 4:

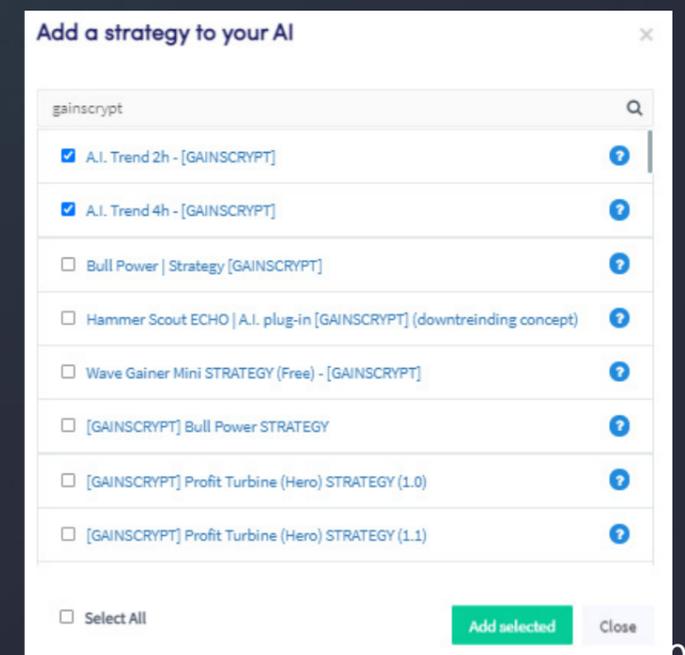
Select "sources", then "Signal strategies". Type "Gainscript" and the strategies you'd like to add. Do the same for trend strategies.



A



B



HOW TO SET-UP

STEP 5:

Give your A.I. a name and click "save".

Type	Strategy	Score	Total signals
strategy	[GAINSCRIPT] Scalp Hunter 3.0 (Hero)	0.00%	0
strategy	[GAINSCRIPT] Tactical Accumulation (2.0)	0.00%	0
trend	A.I. Trend 4h - [GAINSCRIPT]	0.00%	0
trend	A.I. Trend 2h - [GAINSCRIPT]	0.00%	0
strategy	[GAINSCRIPT] Profit Turbine 1.0 (Hero)	0.00%	0
strategy	[GAINSCRIPT] WAVE GAINER (update 3.0)	0.00%	0
strategy	Hammer Scout ECHO A.I. plug-in [GAINSCRIPT]	0.00%	0
strategy	Hammer Scout DELTA A.I. plug-in [GAINSCRIPT]	0.00%	0
strategy	Hammer Scout CHARLY A.I. plug-in [GAINSCRIPT]	0.00%	0
strategy	Hammer Scout BRAVO A.I. plug-in [GAINSCRIPT]	0.00%	0
strategy	Hammer Scout ALPHA A.I. plug-in [GAINSCRIPT]	0.00%	0
strategy	[GAINSCRIPT] Bull Power STRATEGY (3.0)	0.00%	0

STEP 6:

Click on "training". At the topright, select your exchange. Then search for the markets you want to trade (e.g. USDT markets). Then click "learn". Your A.I. will start training all strategies.

Strategy	Exchange	Market	Status	Action
All strategies	Binance	ADAUSDT	Queued	Delete
All strategies	Binance	BTCUSDT	Training	Delete

Do this for all desired pairs.

HOW TO SET-UP

STEP 7:

Go to the A.I. config. The buy/sell signal settings are the values that your bot will use to measure the succesrate of your selected strategies against chosen coins.

Make sure that this aligns with your basic config! In this manual, we're focused on a scalp-A.I. with a TP or ATSL at 2%. Hence for 'minimum percent change buy signal' a value of 2 is used.

The screenshot displays the configuration interface for an AI bot. The top navigation bar includes 'Save', '+ Sources', 'Editor', 'Training', 'Results', 'Config', 'Reset', and 'Delete'. The 'Config' tab is active, showing various settings. An orange arrow points to the 'Minimum percent change buy signal' field, which is set to 2. Other settings include 'Validate signals after X time' (After 3 days), 'Minimum percent change sell signal' (2), 'Maximum percent change neutral trend' (5), 'Minimum percent change uptrend' (2), 'Minimum percent change downtrend' (2), 'Moving average for trend' (EMA), 'Moving average period' (4), and 'Maximum score for neutral signals' (15). The left sidebar shows the AI name 'Gainscript A.I.', a description field, an image of the Bitcoin logo on the moon, and an 'INFO' section with timestamps for 'Last check', 'Created on', and 'Last modified on'.

HOW TO SET-UP

STEP 8:

Your A.I. now weighs the performance of selected strategies to recent market trend and will use signals from the strategies that are performing well in current market.

These scores are measured over the last month. Keep this in mind when you evaluate these scores as market conditions may already have changed.

Type	Strategy	Score	Total signals
strategy	Hammer Scout ALPHA A.I. plug-in [GAINSCRYPT]	100.00%	53
strategy	Hammer Scout CHARLY A.I. plug-in [GAINSCRYPT]	100.00%	130
strategy	Hammer Scout DELTA A.I. plug-in [GAINSCRYPT]	100.00%	148
strategy	Hammer Scout ECHO A.I. plug-in [GAINSCRYPT]	99.39%	122
strategy	[GAINSCRYPT] Bull Power STRATEGY (3.0)	87.16%	4.76K
strategy	[GAINSCRYPT] WAVE GAINER (update 3.0)	85.09%	22.66K
strategy	[GAINSCRYPT] Tactical Accumulation (2.0)	84.75%	5.94K
strategy	[GAINSCRYPT] Scalp Hunter 3.0 (Hero)	84.51%	49.26K
strategy	Hammer Scout BRAVO A.I. plug-in [GAINSCRYPT]	82.10%	5.36K
strategy	[GAINSCRYPT] Profit Turbine 1.0 (Hero)	80.64%	14.75K
trend	A.I. Trend 2h - [GAINSCRYPT]	69.67%	532.79K
trend	A.I. Trend 4h - [GAINSCRYPT]	61.29%	607.97K

Market	Exchange	Average score	Trend score	Buy score	Sell score
IOTA/USDT	Binance	89.390769%	65.39%	94.696875%	86.651667%
COTI/USDT	Binance	89.081818%	66.875%	96.828462%	88.75%
BTS/USDT	Binance	88.533333%	73.1175%	89.515%	86.978%
ICX/USDT	Binance	88.124615%	61.07%	95.258462%	88.225%
EOS/USDT	Binance	88.035633%	65.88%	89.216154%	92.281667%
CHZ/USDT	Binance	87.758333%	64.07%	93.09%	78.1%
ZEN/USDT	Binance	87.555455%	71.0025%	92.8675%	87.704%
ETC/USDT	Binance	87.52%	59.3425%	90.857143%	92.654%
SOL/USDT	Binance	87.196667%	62.33%	90.67%	90.246%
REN/USDT	Binance	87.144545%	63.555%	92.68%	88.225%
VET/USDT	Binance	86.85%	61.4975%	91.42%	83.114%
XRP/USDT	Binance	86.530769%	60.795%	84.11%	93.17%
NEO/USDT	Binance	86.47%	68.1%	87.279231%	73.868333%
SNX/USDT	Binance	86.144545%	64.0325%	94.06%	93.756%
MATIC/USDT	Binance	86.069%	64.14%	93.480833%	97.801667%
NANO/USDT	Binance	86.035455%	64.175%	88.613333%	95.418%
ZIL/USDT	Binance	85.995%	72.3875%	87.495%	95.906%

Note: score percentages shown in the 'editor' tab are average scores across all trained coins. In the 'results' tab the average buy score of all strategies is visible.

HOW TO SET-UP

STEP 9:

You're a perfectionist like us, we get it. You want a slick Gainscrypt visual on your A.I. Go to our [Discord](#) and download this image from the #ai channel!

The screenshot displays the Gainscrypt interface. On the left is a form for creating an AI strategy, and on the right is a table of existing strategies.

Form Fields:

- Name: Gainscrypt A.I.
- Description: Description of your AI
- Image: A placeholder image with a "Select image" button below it. An orange arrow points to this button.

Strategy List Table:

Type	Strategy	Score	Total signals	Actions
strategy	Hammer Scout ALPHA A.I. plug-in [GAINSCRYPT]	100.00%	53	[Settings] [Refresh] [Delete]
strategy	Hammer Scout CHARLY A.I. plug-in [GAINSCRYPT]	100.00%	130	[Settings] [Refresh] [Delete]
strategy	Hammer Scout DELTA A.I. plug-in [GAINSCRYPT]	100.00%	146	[Settings] [Refresh] [Delete]
strategy	Hammer Scout ECHO A.I. plug-in [GAINSCRYPT]	88.36%	122	[Settings] [Refresh] [Delete]
strategy	[GAINSCRYPT] Bull Power STRATEGY (3.0)	87.16%	4.76K	[Settings] [Refresh] [Delete]
strategy	[GAINSCRYPT] WAVE GAINER (update 3.0)	85.09%	22.66K	[Settings] [Refresh] [Delete]
strategy	[GAINSCRYPT] Tactical Accumulation (2.0)	84.75%	5.94K	[Settings] [Refresh] [Delete]
strategy	[GAINSCRYPT] Scalp Hunter 3.0 (Hero)	84.51%	49.28K	[Settings] [Refresh] [Delete]
strategy	Hammer Scout BRAVO A.I. plug-in [GAINSCRYPT]	82.10%	5.36K	[Settings] [Refresh] [Delete]
strategy	[GAINSCRYPT] Profit Turbine 1.0 (Hero)	80.64%	14.75K	[Settings] [Refresh] [Delete]
trend	A.I. Trend 2h - [GAINSCRYPT]	68.67%	532.79K	[Settings] [Refresh] [Delete]
trend	A.I. Trend 4h - [GAINSCRYPT]	61.29%	607.97K	[Settings] [Refresh] [Delete]

HOW TO SET-UP

STEP 10: Time to load your A.I. into your hopper!

In your base config -->
strategy and select
your A.I. and use our
recommended settings
at the right. For more
accuracy, the score
may be increased to
90. For more frequen-
cy, it may be dropped
to 80.

The screenshot displays the 'Strategy settings' configuration page. On the left is a sidebar menu with categories: GENERAL (Basic settings, Exchange, Notifications), BUYING (Buy settings, Coins and amounts, Strategy, Trailing stop-buy), and SELLING (Sell settings, Sell strategy, Stop-loss, Trailing stop-loss, Auto close, Shorting settings, Dollar Cost Averaging). The 'Strategy' option is highlighted in blue. The main content area is titled 'Strategy settings' and includes a 'Read more' link. The settings are as follows: Strategy is set to '1-A.I. GAINSCRIPT'; 'Signals only' is a disabled toggle; 'Number of targets to buy' is set to 10 (with a default of 1); 'Use corrected score for buys' is set to 'Yes'; 'Minimum score for buys' is a slider set to 85; 'Use corrected score for sells' is set to 'Yes'; and 'Minimum score for sells' is a slider set to 80.

Alternative set-up

Swing-trading A.I.

Do you prefer accuracy over frequency?

Then Swing trading A.I. may do you justice. Especially if you're choice of risk-management is leaning towards DCA rather than stop-loss this might be for you. With this set-up, scalping strategies are not necessary.

As with swing trading we also target bigger targets, increase the minimum percent for buy signals to 4 or 5 (coherent with your base config settings). Also the validation time may be increased to 5-7 days.

Note: to best understand the individual strategy performance and when they signal, please refer to our the individual product sheets (PDF) on our [downloads page](#).

The screenshot displays a configuration interface for a trading strategy. It is organized into three main sections: BUY/SELL SIGNAL SETTINGS, MARKET TREND SETTINGS, and OTHER SETTINGS. Each setting is accompanied by a label, a description, and a control element (text input, dropdown, or slider). Orange arrows point to specific values: 'After 5 days' for validation time, '4' for minimum percent change buy and sell signals, '5' for maximum percent change neutral trend, '2' for minimum percent change uptrend and downtrend, 'EMA' for moving average for trend, '4' for moving average period, and '15' for maximum score for neutral signals.

Setting	Value
Validate signals after X time	After 5 days
Minimum percent change buy signal	4
Minimum percent change sell signal	4
Maximum percent change neutral trend	5
Minimum percent change uptrend	2
Minimum percent change downtrend	2
Moving average for trend	EMA
Moving average period	4
Maximum score for neutral signals	15

<+> Strategies & market optimization matrix

**DAILY ALTCOIN
SCALP
HUNTER**
Strategy
All coins & exchanges
GAINSCRIPT.com

**SPOT MARKET
PROFIT
TURBINE**
Strategy
Midcap + Lowcap
GAINSCRIPT.com

**BULL-MARKET
WAVE
GAINER**
Strategy
Mid-cap coins
GAINSCRIPT.com

**HI-FREQUENCY
BULL
POWER**
Strategy
All coins
GAINSCRIPT.com

**BULL-MARKET
WAVE
GAINER**
Strategy
Mid-cap coins
GAINSCRIPT.com

Ranging markets 

 Bull market strategies

Bottom buyers 

 Bear market strategies

SPOT MARKET
HAMMER-SCOUT
ALPHA
A.I. PLUG-IN
All coins
GAINSCRIPT.com

SPOT MARKET
HAMMER-SCOUT
BRAVO
A.I. PLUG-IN
All coins
GAINSCRIPT.com

SPOT MARKET
HAMMER-SCOUT
CHARLY
A.I. PLUG-IN
All coins
GAINSCRIPT.com

SPOT MARKET
HAMMER-SCOUT
DELTA
A.I. PLUG-IN
All coins
GAINSCRIPT.com

SPOT MARKET
HAMMER-SCOUT
ECHO
A.I. PLUG-IN
All coins
GAINSCRIPT.com

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TACTICAL
ACCUMULATION**
Strategy
Premium Projects
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