



TODAY'S TOP 3 TRADES

Dec 20, 2022

INDICES (NASDAQ100, S&P500) + TODAY'S TOP TRADE (GBPAUD)

NASDAQ100 (NQ)

Nasdaq100 (NQ)'s Dead Cat Bounce (off the October low) is all but over as seen by the sharp reversal from last Tuesday's fresh December high. Nevertheless, any holding of the November low before Xmas will put a retest of descending wedge resistance (on the weekly chart) by early January into play. Meanwhile, NQ is just a week or so's volatility from retesting the 2022 low. Watch for volatility Wednesday with the US' CB consumer confidence data and Friday with the US' core PCE price index. The escalation in the Ukraine-Russia conflict deserves close monitoring. Congratulations to paying subscribers who benefited from [the Oct 18, 2022 analysis highlighting the early stages of a month plus Dead Cat Bounce](#), [the Jan 18, 2022 warning of the NQ keeling over on a monthly chart](#), [the alert February 18th, 2020 one day before the record high in the S&P500](#), [warning of a pending slide in the Nasdaq100](#) and from [the March 24th, 2020 report highlighting the looming multi-day to multi-week rebound in NQ](#). Except for the downsloping daily MACD, the weekly, daily and 4hr RSI, Stochastics are bottomish. I am looking to enter short in the red zone (of the daily chart), targeting the green zone for Monday. The amber/yellow zone is where I might place a stop if I was a swing trader (although in my personal account with which I seldom hold overnight I sometimes set my stops tighter). [Click here for analysis on S&P500, GBPAUD](#)

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 Tradable Patterns



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Weekly/Daily/4hr



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Write to info@tradablepatterns.com to learn about how Institutional/Accredited Investors can gain access to:

- 1) Top 0.1% of 30k+ tech startups that apply to Y Combinator (#1 accelerator) each yr, via SG-regulated PE firm that mimics VC founded by Y Combinator alumni w/ 8x fund markup in 20 months
- 2) HK-regulated Web3 VC (co-founders managed USD 7B in prior careers, and have raised USD 25M of USD 50M target before 1st deployment)
- 3) UK-regulated fund of crypto hedge funds (targeting allocation across 7-14 HFs)
- 4) Neural network AI-based crypto exposure
- 5) Deeply discounted listed tokens
- 6) High growth Seed to Series B stage equity and convertible debt opportunities within tech (mostly blockchain/crypto-related)
- 7) Difficult to access Seed stage token rounds for blockchain/crypto startups w/ strong management teams and product-market fit



20+ months

Track Record Since
Nov 2020

120+

Customers
Worldwide

\$311.5M

Aggregated Trading
Volume



ROI

Drawdown



ETH:BUSD
Mar 24 – Jul 23, 2021
[Read details](#)

Duration
122 Days
Trades Made
227

Market Returns: **+17.55%**
AI Returns: **+72.84%**
Difference: **+55.29%**
Excess returns / month: **+13.54%**

Market Drawdown: **-58.34%**
AI Drawdown: **-35.72%**



ROI

Drawdown



LTC:USDT
Jan 13, 2022 – ...

Duration
>172 Days
Trades Made
154

Market Returns: **-64.51%**
AI Returns: **+12.29%**
Difference: **+76.80%**
Excess returns / month: **+13.35%**

Market Drawdown: **-70.15%**
AI Drawdown: **-29.92%**



AI Performance: More Examples



XMR:USDT
Feb 22 – Jun 20, 2021
[Read details](#)

Duration: **123 Days**
Market Returns: **+14.06%**
Strategy Returns: **+173.07%**
Trades Made: **143**
Difference: **+159.01%**



ETH:BUSD
Mar 24 – Jul 23, 2021
[Read details](#)

Duration: **122 Days**
Market Returns: **+17.55%**
Strategy Returns: **+72.84%**
Trades Made: **227**
Difference: **+55.29%**



TRX:USDT
Jan 10, 2022 – ...
[Read details](#)

Duration: **>160 Days**
Market Returns: **-13.08%**
Strategy Returns: **+29.31%**
Trades Made: **94**
Difference: **+42.39%**



LTC:USDT
Jan 28, 2022 – ...

Duration: **>146 Days**
Trades Made: **119**

Market Returns: **-50.74%**
Strategy Returns: **+14.29%**
Difference: **+65.03%**
Excess returns / month: **+13.54%**



BTC:BUSD
Mar 23 – Jul 21, 2021

Duration: **124 Days**
Trades Made: **279**

Market Returns: **-42.55%**
Strategy Returns: **+28.42%**
Difference: **+70.97%**
Excess returns / month: **+17.74%**





We use machine learning to create trading signals and generate consistent alpha (market outperformance) since 2020.

Strategies Summary

- 9 active models based on AI/ML
- Trades spot (live since Nov 2020) and futures (in testing, ETA Dec 2022)
- Trades highly liquid markets (BTC, ETH, BNB, etc.)
- Model input: Market data (OHLCV)
- Model output: BUY/SELL/HOLD + % portfolio
- Trade frequency: 4-10 trades per week (8-10x AUM/mo)

Technology Summary

- Developed in-house, proprietary
- Not a rule-based algo
- Cutting edge neural network architectures (LSTM, GRU, Performer (Transformer), GMLP, Filter)
- Self-learning and adaptive (uses reinforcement learning)
- Scalable to other markets
- Difficult to replicate

#	Fund / Index	Jan, 2021	Feb, 2021	Mar, 2021	Apr, 2021	May, 2021	Jun, 2021	Jul, 2021	Aug, 2021	Sep, 2021	Oct, 2021	Nov, 2021	Dec, 2021	2021
1	AI	+15.92%	+19.48%	+12.61%	+27.63%	-18.55%	+2.20%	+10.78%	+21.18%	+10.41%	+32.29%	-8.92%	+1.47%	+200.22%
2	Bitcoin (BTC)	+14.37%	+36.41%	+30.11%	-1.78%	-35.38%	-6.09%	+18.63%	+13.42%	-7.02%	+39.90%	-7.22%	-18.75%	+59.63%
3	Eurekahedge Index	+31.95%	+35.87%	+18.62%	+11.21%	-13.46%	-10.39%	+8.35%	+23.70%	-8.88%	+24.41%	-1.02%	-12.16%	+142.28%
4	ProShares BITO										+0.88%	-9.21%	-21.08%	-27.72%
5	Rivemont	+14.4%	+25.90%	+15.30%	+6.5%	-4.10%	-20.60%	-0.60%	+27.90%	-15.50%	+25.70%	-3.70%	-20.90%	+38.52%
6	Incrementum			-0.02%	+4.85%	-6.11%	-9.95%	+2.46%	+11.80%	-6.98%	+15.66%	+0.08%	-6.68%	+2.01%
7	15 FiCAS	+29.69%	+33.67%	+9.34%	+50.46%	-26.12%	-16.67%	-3.04%	+17.04%	-14.18%	+33.93%	-12.33%	-15.97%	+68.70%
8	Crypto Alpha	+4.20%	+7.90%	-5.40%	+2.30%	+0.50%	-3.80%	+6.20%	+1.60%	+3.40%	+4.50%	+2.40%	-8.50%	+14.91%
9	Grayscale DLC	+14.87%	+27.79%	+23.56%	+4.50%	-27.13%	-9.03%	+10.36%	+29.14%	-11.56%	+40.58%	-5.23%	-17.29%	+74.51%
10	Bitwise 10	+27.26%	+27.94%	+26.32%	+6.95%	-28.89%	-10.05%	+10.65%	+30.18%	-10.13%	+41.32%	-4.77%	-20.46%	+94.98%
11	ICONOMI	+52.27%	+44.34%	+26.41%	+16.06%	-30.17%	+0.03%	+11.62%	+31.41%	-10.11%	+43.75%	+1.30%	-16.74%	+260.05%
12	Cyber Capital							+8.61%	+40.16%	-7.07%	+22.11%	+5.83%	+2.24%	+86.91%
13	F5 Crypto												-4.73%	-4.73%
14	Icoinic Capital	+35.80%	+29.10%	+31.10%	+16.00%	-14.20%	-5.50%	+14.60%	+20.50%	-5.00%	+27.50%	-0.30%	-10.30%	+223.37%
15	Average	+24.07%	+28.84%	+17.09%	+113.15%	-18.51%	-8.17%	+8.22%	+22.34%	-6.88%	+27.12%	-3.08%	-12.13%	+101.99%
#	Fund / Index	Jan, 2022	Feb, 2022	Mar, 2022	Apr, 2022	May, 2022	Jun, 2022	Jul, 2022	Aug, 2022	Sep, 2022	Oct, 2022	Nov, 2022	Dec, 2022	2022 *
1	AI	-12.30%	+10.52%	+12.77%	-14.71%	-3.15%	-21.54%	+35.93%						-3.71%
2	Bitcoin (BTC)	-16.70%	+12.18%	+5.41%	-17.30%	-15.56%	-37.32%	+16.95%						-49.58%
3	Eurekahedge Index	-18.98%	+3.44%	+9.00%	-15.47%	-15.96%	-19.86%	+17.97%						-38.65%
4	ProShares BITO	-16.31%	+8.84%	+8.54%	-16.55%	-17.59%	-40.94%	+27.50%						-48.81%
5	Rivemont	-15.00%	0.00%	+10.60%	-12.30%	-13.00%	-29.60%	+11.60%						-43.65%
6	Incrementum	-9.86%	+7.20%	+10.12%	-6.71%	-13.74%	-17.10%	+10.78%						-21.36%
7	15 FiCAS	-16.61%	-12.59%	+2.55%	-5.99%	-27.56%	-27.38%	+13.95%						-57.87%
8	Crypto Alpha	-9.40%	-2.00%	+0.10%	-0.90%	-6.30%	-4.00%	+2.30%						-18.95%
9	Grayscale DLC	-24.28%	+9.44%	+11.37%	-17.18%	-23.68%	-41.41%	+36.16%						-53.46%
10	Bitwise 10	-21.08%	+6.53%	+11.27%	-17.23%	-23.88%	-41.35%	+36.84%						-52.70%
11	ICONOMI	-25.47%	-1.91%	+27.92%	-15.22%	-35.12%	-29.90%	+35.71%						-51.05%
12	Cyber Capital	-32.11%	-0.85%	+36.45%	-14.83%	-49.98%	-33.25%	+19.31%						-68.84%
13	F5 Crypto	-14.00%	-0.13%	+13.41%	-11.97%	-24.53%	-17.15%	+10.46%						-40.78%
14	Icoinic Capital	-21.80%	+1.90%	+24.00%	-12.60%	-19.90%	-27.00%	+31.00%						-33.85%
15	Average	-18.14%	+3.04%	+13.11%	-12.78%	-20.71%	-27.70%	+21.89%						-45.55%

Looking to launch a fund or a family office under a Singapore (MAS) regulated entity?
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Price	Quantity	Total BTC
59,003.69	0.0200	9.6537
59,000.60	0.0050	9.6337
59,000.49	0.0002	9.6287
58,999.76	4.0154	9.6285
58,900.00	3.0778	5.6131
58,867.67	1.9545	2.5352
58,849.10	0.0191	0.5806
58,846.99	0.1219	0.5614
58,846.98	0.0750	0.4395
58,836.37	0.0196	0.3645
58,821.74	0.0202	0.3449
58,788.47	0.0408	0.3247
58,769.79	0.0837	0.2839
58,763.99	0.2002	0.2002
Spread		
	\$33.70	
58,730.29	0.0837	0.0837
58,719.92	0.2002	0.2839
58,697.04	0.0200	0.3039
58,690.69	0.1553	0.4592
58,684.91	0.0219	0.4811
58,684.90	0.0198	0.5009
58,661.34	0.0410	0.5419
58,661.05	0.0002	0.5421
58,660.40	0.0002	0.5424
58,659.56	0.0002	0.5426
58,658.27	0.0025	0.5451
58,657.56	0.0004	0.5455
58,654.49	0.0010	0.5465
58,654.25	0.0100	0.5565

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CRYPTO WEEKLY OUTLOOK

Feb 13, 2022

TOP50's TOP10 (BTCUSD, XTZUSD, XRPUSD, ETHUSD, FTTUSD, CROUSD, SANDUSD, MANAUSD, AVAXUSD, TRXUSD)

BITCOIN (BTCUSD) Daily



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Crypto Weekly Outlook offers technical Analysis for 10 coins from the top 50 in market cap that are most interesting for the coming week from a TA standpoint.

If you represent an institution and are interested in Fundamental analysis on ETHUSD, BTCUSD and on the industry, please write to info@tradablepatterns.com for the institutional edition available each last Sunday of each month.

[Sample from report \(Nov 28, 2021\) right before a deepening in the crypto market correction.](#)



CRYPTO WEEKLY OUTLOOK

ETHEREUM + INDUSTRY FUNDAMENTALS + BITCOIN + RIPPLE

ETHEREUM (ETHUSD)

Nov 28, 2021

Ethereum (ETHUSD) is deepening in its correction, and appears poised to slide further this week. Significantly, ETHUSD is at high risk of exceeding the September pullback in magnitude, following in Bitcoin (BTCUSD)'s footsteps. The current 2 week downturn is testing the psychologically key 4k whole figure level, and appears to be gravitating towards an uptrend support line (on the weekly chart) connecting the July and September lows. Odds are elevated for a test of the 50% Fib retrace of the July to October rally sometime in December. ETHUSD's correlation to BTCUSD (on a weekly chart) is at 0.95, near the upper end of its 5 year range. [Congratulations to readers alerted August 1st of the completion of the major June-July bottom](#), and to those who heeded [the warning May 16th of the major top forming](#). The weekly RSI, Stochastics and MACD are tiring, weighing on the attempting to bottom daily RSI and Stochastics. I am likely going to remain flat this week but would consider going long in the 3000-3300 range, targeting a 3000-4000 range for December.

Weekly (Liquid)



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COFFEE DAILY

Jan 2, 2022

ROBUSTA COFFEE (RC)

Robusta Coffee (RC) edged lower Friday, closing 2021 just below the fresh year high. Significantly, with the new year beginning, odds are high after last year's strong bull market for RC to at least see a healthy correction. RC is bumping up against upchannel resistance (on the weekly chart), with some hesitation late last week as seen by the 2 consecutive daily Dojis. Any test of the psychologically key 2500 whole figure level will likely have to wait until at least Feb February. The weekly and daily RSI, Stochastics and MACD are rallying or consolidating recent gains. I am looking at entering long in the green zone of the daily chart (in the ~2270-2330 range), targeting the red zone (of the daily chart in the ~2400-2450 range) for Friday. The amber/yellow zone (in the ~2190-2240 range) is where I might place a stop if I was a swing trader (although in my personal account with which I seldom hold overnight I sometimes set my stops tighter).

Weekly/Daily/4hr



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