

Controls

Data source: coingecko

Coins to fetch: 200 (Slider from 50 to 250)

Export current data to Excel

Show SQLite snapshots

Alpha Terminal

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Live feed KPI + Charts Focused on 6 investor requirements

Exported: exports\crypto_export_20251223_141509.xlsx (engine=xlsxwriter)

Budget KPIs 0-5 Top 10 Top Increase (1h) Prefix + Working Hours Compare 2 Coins Liquidity Pie

1) Budget KPIs (price range slicer)

Investor wants maximum profit with low budget → show the coin with the least average downfall in the selected price range.

Price ranges (\$): \$0.5 - \$5 × \$5 - \$50 ×

Coin Name	Symbol	Current Price	Avg Downfall %	Coins Considered		
BlackRock USD Institutional Digital Liquidity Fund	BUIDL	\$1.00 USD	0.00% Avg([1h],[24h],[7d])	84 Records in selection		
59 BlackRock USD Institutional Digital Liquid	BUIDL	1	0	0	0	1744654882

coin_id	coin_name	coin_symbol	price	pct_1h	pct_24h	pct_7d	avg_downfall_pct	volume_24h	market_cap
70	Global Dollar	USDG	0.9996	-0.0003	-0.0267	-0.0202	0.0157	34819038	1514936616
46	USD1	USD1	0.9988	0.0127	-0.0062	-0.0298	0.0162	361133450	2751639517
19	Binance Bridged USDT (BNB Smart Chain)	BSC-USD	0.9992	0.0011	-0.0129	-0.0385	0.0175	1046345012	8979533689
65	syrupUSDC	SYRUPUSDC	1.14	-0.0159	-0.0083	0.0371	0.0204	18290374	1613717582

SQLite Recent Snapshots

This shows any logged snapshots stored by your logger.py pipeline.

ts	coin_id	coin_name	coin_symbol	price	pct_1h	pct_24h	pct_7d	volume_24h	market_cap	circul
0	2025-12-23T08:44:28Z	bitcoin	Bitcoin	BTC	87546	0.0949	-2.3178	1.7546	49647291889	1747999417118
1	2025-12-23T08:44:28Z	ethereum	Ethereum	ETH	2967.24	0.1309	-2.3276	1.4594	21296219715	358153576833
2	2025-12-23T08:44:28Z	tether	Tether	USDT	0.9994	0.0066	-0.0144	-0.0521	67116578896	186795643207
3	2025-12-23T08:44:28Z	binancecoin	BNB	BNB	849.37	0.0138	-1.8887	-1.1804	1168022952	116982216181
4	2025-12-23T08:44:28Z	ripple	XRP	XRP	1.88	-0.118	-2.3748	-0.827	2560473012	113843761093
5	2025-12-23T08:44:28Z	usd-coin	USDC	USDC	0.9998	0.0109	0.0018	-0.0084	19968232228	77067956947
6	2025-12-23T08:44:28Z	solana	Solana	SOL	124.46	0.2163	-1.9401	-1.0187	3716755376	70010775235
7	2025-12-23T08:44:28Z	tron	TRON	TRX	0.2841	0.1623	-1.0911	1.7825	538068919	26902009553
8	2025-12-23T08:44:28Z	staked-ether	Lido Staked Ether	STETH	2967.87	0.1466	-2.3441	0.7335	101545786	26079030885
9	2025-12-23T08:44:28Z	dogecoin	Dogecoin	DOGE	0.1305	0.0743	-1.7172	0.4036	1048500466	21920105866
10	2025-12-23T08:44:28Z	figure-heloc	Figure Heloc	FIGR_HELOC	1.036	None	-0.3676	0.401	40833245	14818159590

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2) 0–5 coins: top 10 (by 1h-before price)

Within 0–5, show top 10 coins based on 1h-before price. Chart compares 7d-before and 24h-before prices vs current.

Top 10 (\$0–\$5): 7d-before vs 24h-before vs Current

The chart displays the value of three price metrics for ten different coins. The y-axis represents the value, ranging from 0 to 5. The x-axis lists the coin names. The legend indicates three series: prev_price_7d (light blue), prev_price_24h (dark blue), and price (red).

coin_name	prev_price_7d	prev_price_24h	price
Official Trump	4.8	4.8	4.8
Injective	4.6	4.4	4.4
Jupiter Perpetuals Liquidity Provider Token	4.4	4.4	4.4
Audiera	2.8	2.8	3.3
Bitget Token	3.4	3.4	3.4
MYX Finance	3.4	3.3	3.3
Internet Computer	3.0	2.9	3.0
Cosmos Hub	2.1	2.0	2.0
XRP	2.0	1.9	1.9
PancakeSwap	2.0	1.9	1.9

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Top 10 (\$0–\$5): 7d-before vs 24h-before vs Current

The table lists the top 10 coins from the previous chart along with their symbols and price values for the specified timeframes.

coin_name	coin_symbol	price	prev_price_1h	prev_price_24h	prev_price_7d
Official Trump	TRUMP	4.94	4.9217	4.8207	5.2863
Injective	INJ	4.61	4.5801	4.5462	4.8779
Jupiter Perpetuals Liquidity Provider Token	JLP	4.51	4.5041	4.4582	4.5085
Audiera	BEAT	3.44	3.53	2.6932	2.8719
Bitget Token	BGB	3.44	3.4457	3.392	3.5012
MYX Finance	MYX	3.25	3.2272	3.2317	3.4414
Internet Computer	ICP	2.99	2.9995	2.8929	2.9672
Cosmos Hub	ATOM	1.93	1.9232	1.9036	2.0293
XRP	XRP	1.88	1.8823	1.8363	1.8958
PancakeSwap	CAKE	1.81	1.8095	1.7876	2.0276

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Budget KPIs 0–5 Top 10 **Top Increase (1h)** Prefix + Working Hours Compare 2 Coins Liquidity Pie

3) Top 10 price increase vs previous 1 hour

Assume 1h % is positive change. Show biggest price increase coins, and compare current vs 1h-before.

Price category: < \$10

Top 10: Current vs 1h-before (by price increase)

coin_symbol	prev_price_1h	price
LEO	8.0	8.0
INJ	4.5	4.5
M	1.2	1.2
MYX	3.2	3.2
TRUMP	4.8	4.8
IP	1.4	1.4
ATOM	2.0	2.0
FTN	1.2	1.2
TON	1.4	1.4
FIL	1.2	1.2

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coin_symbol	prev_price_1h	price
LEO	5.5	5.5
INJ	4.5	4.5
M	1.2	1.2
MYX	3.2	3.2
TRUMP	4.8	4.8
IP	1.4	1.4
ATOM	2.0	2.0
FTN	1.2	1.2
TON	1.4	1.4
FIL	1.2	1.2

	coin_symbol	coin_name	price_change_1h
22	LEO	LEO Token	\$0.060232
153	INJ	Injective	\$0.029872
49	M	MemeCore	\$0.024011
125	MYX	MYX Finance	\$0.022816
94	TRUMP	Official Trump	\$0.018310
141	IP	Story	\$0.012966
99	ATOM	Cosmos Hub	\$0.006780
133	FTN	Fasttoken	\$0.006769
41	TON	Toncoin	\$0.006231

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4) Prefix filter + Working hours security

Coins starting with vowels OR B/C/D. Chart visible only from 9 AM to 5 PM (local time).

Top 10 Liquidity (Volume 24h)

Coin	Volume (24h)
Bitcoin	Very High
Ethereum	High
USDC	Medium-High
BNB	Low
Dogecoin	Very Low
Binance Bridged USDT (BNB Smart Chain)	Very Low
Aave	Very Low
Uniswap	Very Low

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5) Compare two coins

Enter two coin names. Shows fields + KPI differences. Validation: 3–10 characters, no numbers.

CoinName1	CoinName2
Bitcoin	Ethereum

	Field	CoinName1	CoinName2
0	Symbol	BTC	ETH
1	Price	87543.0	2966.79
2	Volume(24h)	49307790235.0	21298361562.0
3	Market Cap	1747999417118.0	358153576833.0
4	Circulating Supply	19965887.0	120694996.4792898

Volume Diff: 28,009,428,673 Supply Diff: -100,729,109 Market Cap Diff: 1,389,845,840,285

