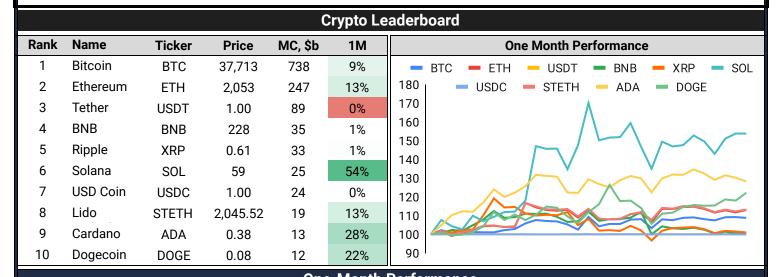
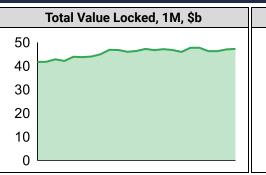
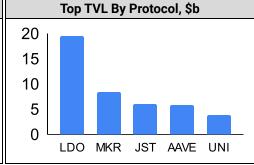


November Market Update



One-Month Performance By Token By Category By Ecosystem **Traditional Finance** TAO 253% **CEXs** 50% Cosmos 44% Nasdaq 10.7% TIA 196% DEX 49% Solana 38% DAX 9.5% **Gnosis Chain** SPX **KAS** 150% Lending 40% 33% 8.9% **RUNE** 135% Scaling 28% Avalanche 28% NIKKEI 8.5% ILV 116% IoT/Data/Comp 26% Polkadot 23% **EUR/USD** 2.9% 96% **BSC** 2.7% **WEMIX** Gaming/Entrtnmt 23% 22% Gold -5% Other DeFi Polygon 17% **FTSE** QNT 23% 1.8% **CFX Smart Contract** 22% Tron 1% HSI -0.3% -6% **BSV** -8% Privacy 7% USD/JPY -2.3% 55% 50% **BCH** -10% Currency 1% WTI -6.2% **BTC Dominance** 45% **RLB** -15% Meme -2% Gas -21.6%



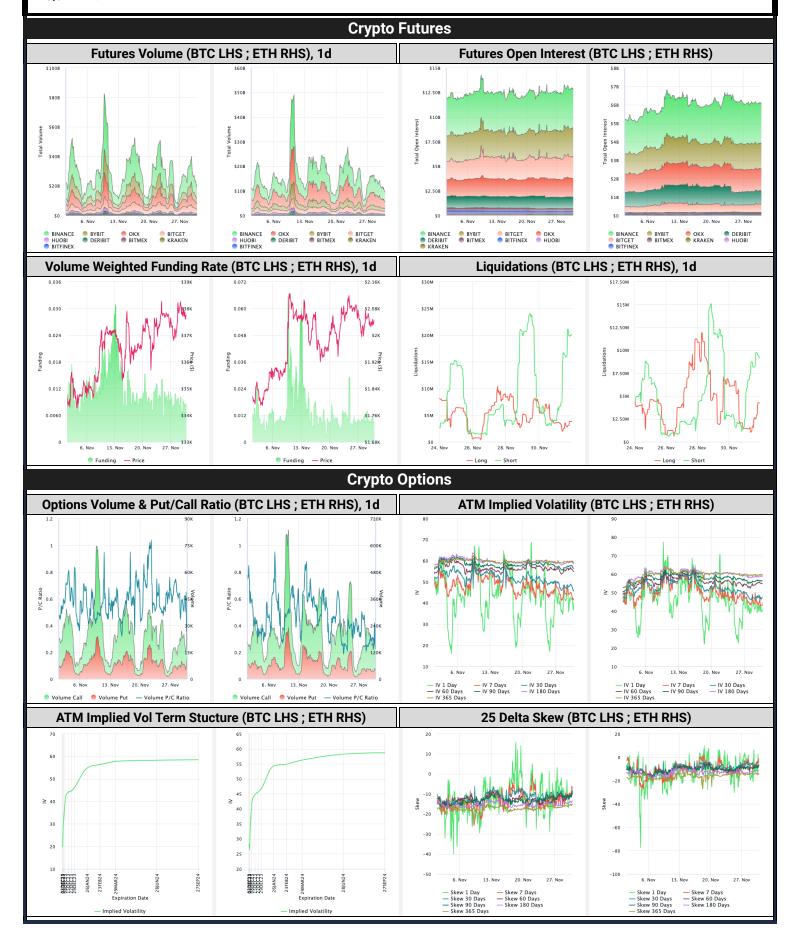


Defi

DefiPulse Index, 1M								
_	DPI (LHS) - BTC, Th (RHS	5)						
100		ĺ						
90		37						
80		33						
70								
60		29						
50		25						

One-Month Trading Volumes											
Top 100, Spot, \$b	Top Spot by Token, \$b		Top Spot Exchanges, \$b		Aggregate Derivs Vols, \$b						
200	USDT	1,148	Binance	310		1M	0/I				
450	BTC	571	Upbit	91	Spot	866	na				
150	ETH	316	окх	60	Perpetuals	5,570	95				
100	USDC	140	Bybit	57	Futures	11	1				
50	SOL	66	Coinbase	50	Options	43	na				
30 ,	FDUSD	53	Huobi	46	Total	6,490	96				
0	XRP	48	<u>Gate.io</u>	32							

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About GSR

GSR is a global leader in digital asset trading, market making, OTC derivatives, and investments. We operate in a culture of excellence and leverage our first-rate reputation, deep relationships and proprietary trading technology to move swiftly and capitalize on market opportunities.

GSR's experienced team brings together decades of institutional trading expertise, while our industry-leading proprietary technology stack anchors everything we do.

Our main service areas are: market making; proprietary and algorithmic trading; client execution; structured products; risk management solutions; and portfolio investments.

For more information or if we can help with anything, please see gsr.io or contact us at gsr@gsr.io.

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