November 1, 2022

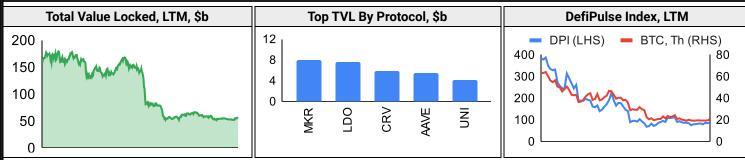
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| | Crypto Leaderboard | | | | | | | | | |
|------|--------------------|--------|----------|---------|-----------|------------|-------------|---------|---|--|
| Rank | Name | Ticker | Price | 24h | 7d | 30d | 24h Vol \$m | MC \$m | 1-Year Chart | |
| 1 | Bitcoin | BTC | \$20,531 | -1% | 6% | 8% | 36,011 | 394,023 | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | |
| 2 | Ethereum | ETH | \$1,593 | -2% | 19% | 25% | 23,148 | 191,976 | \sim | |
| 3 | Tether | USDT | \$1.00 | 0% | 0% | 0% | 64,659 | 69,408 | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | |
| 4 | BNB | BNB | \$321.40 | -3% | 17% | 13% | 3,123 | 52,440 | m | |
| 5 | USD Coin | USDC | \$1.00 | 0% | 0% | 0% | 3,825 | 43,588 | man | |
| 6 | Ripple | XRP | \$0.46 | 0% | 1% | 2% | 1,589 | 22,994 | m | |
| 7 | Binance | BUSD | \$1.00 | 0% | 0% | 0% | 9,231 | 21,167 | mmm | |
| 8 | Dogecoin | DOGE | \$0.14 | 16% | 136% | 137% | 9,621 | 19,157 | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | |
| 9 | Cardano | ADA | \$0.41 | -1% | 14% | -3% | 465 | 14,314 | ~~~~~ | |
| 10 | Solana | SOL | \$32.88 | -3% | 16% | 3% | 1,595 | 11,824 | ~~ | |
| | | | Top & B | ottom P | erformers | s - Top 10 | 00 Tokens | | | |

| 24h | | 7 Days | 5 | 30 E | Days | 90 D | ays | 365 | Days |
|------|------|--------|------|------|------|------|------|------|--------------|
| XCN | 31% | DOGE | 136% | DOGE | 137% | LUNC | 137% | LEO | 38% |
| DOGE | 16% | OSMO | 32% | HT | 109% | DOGE | 113% | TWT | 15% |
| BTSE | 4% | SHIB | 30% | FXS | 59% | HT | 97% | CDAI | 2% |
| SNX | 3% | MINA | 28% | OSMO | 47% | CHZ | 72% | GUSD | 1% |
| LINK | -6% | KAVA | -5% | HNT | -17% | BIT | -42% | GRT | -91% |
| KLAY | -7% | EVMOS | -5% | AXS | -25% | LDO | -42% | FIL | -92 % |
| WBT | -16% | QNT | -6% | LUNC | -29% | AXS | -47% | AXS | -93% |
| ТКХ | -19% | APT | -16% | ETHW | -36% | HNT | -53% | LUNC | -100% |

| | | | | | | | 1 | 1 | 1 | 11 | |
|------------------|-----|-----|------|------|------|--------------|----|-----|----------|-----------|------|
| Category | 7d | 30d | 90d | 180d | 365d | Ecosystem | 7d | 30d | 90d | 180d | 365d |
| Meme | 62% | 61% | 28% | -24% | -69% | Polygon | 4% | 9% | -12% | -45% | -74% |
| CEXs | 5% | 22% | 8% | -25% | -28% | Cosmos | 7% | 9% | -8% | -58% | -78% |
| DEX | 5% | 11% | -21% | -53% | -83% | Gnosis Chain | 3% | 8% | -16% | -54% | -82% |
| Other DeFi | 6% | 10% | -8% | -41% | -69% | Avalanche | 5% | 8% | -15% | -46% | -76% |
| Scaling | 2% | 8% | -24% | -50% | -71% | Polkadot | 0% | 7% | -10% | -51% | -82% |
| Privacy | 1% | 2% | -14% | -53% | -76% | BSC | 5% | 6% | -11% | -42% | -75% |
| Gaming/Entertaiı | 9% | 1% | -22% | -53% | -69% | Tron | 2% | 2% | -5% | -38% | -61% |
| Smart Contract | 5% | 1% | -19% | -53% | -77% | Solana | 4% | -1% | -23% | -63% | -85% |
| loT/Data/Comp. | 5% | 1% | -22% | -52% | -72% | 70% | | | 1-Year E | 3TC Domin | ance |
| Currency | 1% | -1% | -8% | -40% | -72% | 50% | | | | | |
| Lending | 1% | -3% | -6% | -53% | -73% | 30% | | | | | |
| | | | | | | | | | | | |





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| | | | | | | Trading | , Volum | е | | | | | | | |
|-----------|-----------------------------|-----------------|----------------|-----------------------|----------------|------------------------|---|-----------|--|--------|-------------|--------|-------------|-------|----------|
| 4 | Aggregat | te Volum | es by Pr | oduct, \$b | | Top Der | ivatives | Excha | anges, \$ | m and | bps | То | p Spot E | xchan | ges, \$m |
| Product | | 1d | 7d | 30d | 0/I | Exchange | xchange 1d V | | 0/I | Mkr | Tkr | Exc | change | Score | 1d Vol |
| Spot | | 34 | 232 | 761 | 761 n/a E | | 50 | 50,265 | | 2.0 | 4.0 | Bin | ance | 9.9 | 18,821 |
| Perpetua | Perpetuals 62 475 1,600 21 | | FTX | 5,605 | | 3,769 | 2.0 | 7.0 | FT) | K | 8.0 | 1,656 | | | |
| Futures | | 0 | 3 | 9 | 1 | Bybit | 8, | 686 | 3,842 | 1.0 | 6.0 | Coi | nbase | 7.9 | 2,054 |
| Options | | 0 | 0 | 0 | 0 | KuCoin | 3,2 | 238 | 2,183 | 2.0 | 6.0 | Kra | ken | 7.5 | 573 |
| 20 | 0 Day Vo | olume - To | op 100 1 | Fokens, \$b |) | • | Top Volume, 1d, \$m Top Volume, %20d Avg Low Volume, \$ | | | | | ıme, % | 20d Avg | | |
| 200 | | | | \wedge | | USDT | 64,70 | | DOG | | 379% | | STETH | | 7% |
| 150 | | | | \sim | | BTC | 44,20 | | SHI | | 233% | | FRAX | | 31% |
| | 100 | | | ETH | 17,96 | | OKE | | 206% | | BTSE | | 39% | | |
| 50 0 | | | | | | DOGE | 8,49 | | RPL | | 204% | | USDP | | 40% |
| 0 — | | | | | | BUSD | 7,95 | | BNE | 3 | 186% | | QNT | | 41% |
| | Trad | | | | | | | nce | | | | | | | |
| | Global Equity Markets* | | | | | | | | | SPX | vs. BTC, | , LTN | Λ | | |
| | US USGrwth UK Germany Japan | | | | НК | | | | | | | 8,000 | | | |
| 1D | -1% | -1% | -1% | -2% | -1% | -2% | 60,000 | | Jun | | ~ ~~ | | _ | | 6,000 |
| 7D | 0% | -2% | 1% | 0% | 0% | -2% | 40,000 | | 5 | | martin | m | | | 4,000 |
| 90D | -7% | -14% | -9% | -8% | -10% | -23% | 20,000 | | | | | | | | 2,000 |
| 365D | -16% | -28% | -17% | -36% | -28% | -35% | Commodities & FX | | | | | | | 0 | |
| | US | 10-Ye Brazil | ar Treas UK | ury Yields Germany | | НК | WTI Gas Gold USD/EUR USD/JPY | | | | | | | | |
| Last | 3.94% | 11.85% | 3.49% | 2.06% | Japan 0.25% | 3.91% | Last | | 89.1 | 5.99 | | 557 | 1.01 | | 147.3 |
| 1d Chg | -0.14 | -0.05 | -0.04 | -0.10 | 0.00 | -0.07 | 1d % Cl | hg | 3.0% | -5.7% | | 0% | -0.6% | | -1.0% |
| | | | | | | Corre | lations | • | | | | | | | |
| | | ntro Cru | nto Com | alationa I | тм | | | | Dell | ing 2M | Correla | tion | | | |
| | | | - | elations, L XRP | DOGE | ADA | 0.80 | e 1191 | Equities | ing sw | Correla | luon | S, LTIVI | | |
| втс | 510 | | BNB | Alt | 0002 | | | 3. 03 1 | Lyunes | | | | | - | month. |
| | 0.00 | | | | | | 0.40 🐱 | ~~~ | hand | | | | 57 | | |
| ETH | 0.88 | | | | | | 0.00 | | | | | | E BT | C – | ETH |
| BNB | 0.81 | 0.83 | | | | | 1.00 J V | s. BTC |) | | | | | | |
| XRP | 0.72 | 0.72 | 0.73 | | | | | | | | | - | | | |
| DOGE | 0.64 | 0.64 | 0.64 | 0.59 | | | | | and the second s | | - | - 1 | | | <u> </u> |
| ADA | 0.76 | 0.75 | 0.74 | 0.72 | 0.62 | | 0.25 | | ETH | - BN | IB 🗕 🛛 | XRP | — DO | GE - | ADA |
| | | | | | | Crypto | o News | | | | | | | | |
| Apollo ho | lds crypto | o for client | s as it ex | pands in di | gital asse | ets - Reuters | | | | | | | | | |
| Huobi Glo | obal denie | es 'large-s | cale layo | offs' and key | vexec res | signations - C | ointelegra | <u>ph</u> | | | | | | | |
| | | | | | | <u>fter launch - T</u> | | | | | | | | | |
| | | | | | | uerto Rico - C | | | | | | | | | |
| | | | | | | sole director | | | | | | | | | |
| | | | | | | against SEC | | · · · | | ranh | | | | | |
| | | | | | | o futures ETFs | | | | παριι | | | | | |
| | <u></u> | | | 30.001100 | | | | 2 Junp | <u></u> | | | | | | |



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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.

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*Based on price returns for the following ETFs: VOO, QQQ, EWU, EWG, EWJ, and EWH.

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| | | Sources | | |
|---------------|-----------|--------------------------|-------------------|--------|
| CoinGecko | Santiment | DefiPulse | WoldCoinIndex.com | Yahoo |
| CoinMarketCap | Skew | TradingView DefiLlama | Investing.com | Google |