

A. Spot Exchanges

Endpoint 1 - /tickers (Market Info)

The /tickers endpoint provides 24-hour pricing and volume information on each market pair available on an exchange.

Sample request URL- <https://trade.samaresh.com/api/coingecko/tickers>

Response-

```
[
  {
    "ticker_id": "APT_AED",
    "base_currency": "AED",
    "target_currency": "APT",
    "last_price": 42.5083202,
    "base_volume": 1346.359101270361,
    "target_volume": 362.98,
    "bid": 44.30144951,
    "ask": 45.28682544,
    "high": 43.66123612,
    "low": 42.50829331
  },
  {
    "ticker_id": "VET_AED",
    "base_currency": "AED",
    "target_currency": "VET",
    "last_price": 0.09570263,
    "base_volume": 242482.72463722923,
    "target_volume": 65373.34,
    "bid": 0.09107798,
    "ask": 0.09432328,
    "high": 0.09570341,
    "low": 0.09570263
  },
  {
    "ticker_id": "SOL_AED",
    "base_currency": "AED",
    "target_currency": "SOL",
    "last_price": 426.45583752,
    "base_volume": 63240.59582814796,
    "target_volume": 17049.66,
    "bid": 756.70227018,
    "ask": 772.20126169,
    "high": 426.45583752,
    "low": 409.46947438
  },
  {
    "ticker_id": "LTC_AED",
    "base_currency": "AED",
    "target_currency": "LTC",
    "last_price": 201.581559,
    "base_volume": 607229.3990130939,
    "target_volume": 163709.05,
    "bid": 266.799033,
    "ask": 272.676347,
  }
]
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    "high": 202.837817,
    "low": 201.581559
  },
  {
    "ticker_id": "NEAR_AED",
    "base_currency": "AED",
    "target_currency": "NEAR",
    "last_price": 15.00034796,
    "base_volume": 40008.168648816,
    "target_volume": 10786.2,
    "bid": 18.94212885,
    "ask": 19.35123485,
    "high": 15.00034796,
    "low": 15.00033966
  },
  {
    "ticker_id": "LINK_AED",
    "base_currency": "AED",
    "target_currency": "LINK",
    "last_price": 33.6765818,
    "base_volume": 42446.209928971,
    "target_volume": 11443.5,
    "bid": 49.0402667,
    "ask": 50.1006056,
    "high": 33.6769009,
    "low": 33.6765818
  },
  {
    "ticker_id": "ADA_AED",
    "base_currency": "AED",
    "target_currency": "ADA",
    "last_price": 1.09194422,
    "base_volume": 107078.051049099,
    "target_volume": 28868.24,
    "bid": 1.95642524,
    "ask": 2.00135766,
    "high": 1.09195383,
    "low": 1.0919442
  },
  {
    "ticker_id": "BAT_AED",
    "base_currency": "AED",
    "target_currency": "BAT",
    "last_price": 0.72100901,
    "base_volume": 27323.238905668,
    "target_volume": 7366.35,
    "bid": 0.67060611,
    "ask": 0.68536404,
    "high": 0.72100901,
    "low": 0.72011956
  },
  {
    "ticker_id": "TRX_AED",
    "base_currency": "AED",
    "target_currency": "TRX",
    "last_price": 0.44297604,
    "base_volume": 358606.1315779352,
    "target_volume": 96680.21,
    "bid": 0.63895095,
    "ask": 0.65216872,
    "high": 0.44297837,

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    "low": 0.44297604
  },
  {
    "ticker_id": "HBAR_AED",
    "base_currency": "AED",
    "target_currency": "HBAR",
    "last_price": 0.24582934,
    "base_volume": 258094.690945375,
    "target_volume": 69582.33,
    "bid": 0.2084075,
    "ask": 0.21355099,
    "high": 0.26805206,
    "low": 0.20307099
  },
  {
    "ticker_id": "TFUEL_AED",
    "base_currency": "AED",
    "target_currency": "TFUEL",
    "last_price": 0.24184526,
    "base_volume": 376.42827766584,
    "target_volume": 101.49,
    "bid": 0.21214454,
    "ask": 0.21673318,
    "high": 0.24184526,
    "low": 0.24184526
  },
  {
    "ticker_id": "VTHO_AED",
    "base_currency": "AED",
    "target_currency": "VTHO",
    "last_price": 0.00844574,
    "base_volume": 262223.6858006537,
    "target_volume": 70695.51,
    "bid": 0.00653699,
    "ask": 0.00668041,
    "high": 0.00946016,
    "low": 0.00689184
  },
  {
    "ticker_id": "XRP_AED",
    "base_currency": "AED",
    "target_currency": "XRP",
    "last_price": 1.70601782,
    "base_volume": 610741.8055051833,
    "target_volume": 164655.99,
    "bid": 2.44349423,
    "ask": 2.49935938,
    "high": 1.72864782,
    "low": 1.70601738
  },
  {
    "ticker_id": "XTZ_AED",
    "base_currency": "AED",
    "target_currency": "XTZ",
    "last_price": 2.10834736,
    "base_volume": 205408.9157393495,
    "target_volume": 55378.24,
    "bid": 2.57009441,
    "ask": 2.63470341,
    "high": 2.17162637,
    "low": 2.10834557
  }

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},
{
  "ticker_id": "ETH_AED",
  "base_currency": "AED",
  "target_currency": "ETH",
  "last_price": 8518.102234,
  "base_volume": 61347.526317427,
  "target_volume": 16539.29,
  "bid": 11525.560443,
  "ask": 11775.898304,
  "high": 8518.132665,
  "low": 8518.10222167
},
{
  "ticker_id": "HCX_AED",
  "base_currency": "AED",
  "target_currency": "HCX",
  "last_price": 41.60052252,
  "base_volume": 35232.478930268,
  "target_volume": 9498.68,
  "bid": 66.22995,
  "ask": 67.68306,
  "high": 41.60052252,
  "low": 41.59067
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{
  "ticker_id": "NEO_AED",
  "base_currency": "AED",
  "target_currency": "NEO",
  "last_price": 29.76777143,
  "base_volume": 5096.902438759582,
  "target_volume": 1374.12,
  "bid": 39.2949455,
  "ask": 40.20115222,
  "high": 29.76797085,
  "low": 29.76776703
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{
  "ticker_id": "STX_AED",
  "base_currency": "AED",
  "target_currency": "STX",
  "last_price": 7.19560047,
  "base_volume": 74.6100444677474,
  "target_volume": 20.11,
  "bid": 6.98096396,
  "ask": 7.13074132,
  "high": 7.26161849,
  "low": 7.19560047
},
{
  "ticker_id": "THETA_AED",
  "base_currency": "AED",
  "target_currency": "THETA",
  "last_price": 5.77903832,
  "base_volume": 69002.04431791471,
  "target_volume": 18602.95,
  "bid": 4.90460231,
  "ask": 5.00011227,
  "high": 5.77903832,
  "low": 5.77532886
},

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{
  "ticker_id": "BCH_AED",
  "base_currency": "AED",
  "target_currency": "BCH",
  "last_price": 1270.16001252,
  "base_volume": 66781.42410922,
  "target_volume": 18004.27,
  "bid": 1501.811424,
  "ask": 1533.632046,
  "high": 1270.16001252,
  "low": 1268.642078
},
{
  "ticker_id": "BTC_AED",
  "base_currency": "AED",
  "target_currency": "BTC",
  "last_price": 241215.195705,
  "base_volume": 455115.5531956752,
  "target_volume": 122699.15,
  "bid": 318213.088807,
  "ask": 324654.706714,
  "high": 246923.480785,
  "low": 241215.195705
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{
  "ticker_id": "DOT_AED",
  "base_currency": "AED",
  "target_currency": "DOT",
  "last_price": 16.41201771,
  "base_volume": 14680.56625361271,
  "target_volume": 3957.88,
  "bid": 18.4396924,
  "ask": 18.85094685,
  "high": 16.41201771,
  "low": 16.41201771
},
{
  "ticker_id": "EGLD_AED",
  "base_currency": "AED",
  "target_currency": "EGLD",
  "last_price": 112.54004294,
  "base_volume": 232.9578888858,
  "target_volume": 62.81,
  "bid": 106.41740851,
  "ask": 108.9410885,
  "high": 112.54004294,
  "low": 112.54004294
},
{
  "ticker_id": "AVAX_AED",
  "base_currency": "AED",
  "target_currency": "AVAX",
  "last_price": 88.54095055,
  "base_volume": 464.0569024895,
  "target_volume": 125.11,
  "bid": 117.17872644,
  "ask": 119.66115303,
  "high": 88.54095055,
  "low": 88.28057816
},
{
}
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    "ticker_id": "FIL_AED",
    "base_currency": "AED",
    "target_currency": "FIL",
    "last_price": 16.03355214,
    "base_volume": 245.17692059281,
    "target_volume": 66.1,
    "bid": 14.47018122,
    "ask": 14.77781331,
    "high": 16.03355214,
    "low": 16.03353671
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  {
    "ticker_id": "EOS_AED",
    "base_currency": "AED",
    "target_currency": "EOS",
    "last_price": 1.85797432,
    "base_volume": 10390.349789736,
    "target_volume": 2801.24,
    "bid": 1.96693025,
    "ask": 2.02303382,
    "high": 1.85797432,
    "low": 1.85797432
  },
  {
    "ticker_id": "CHZ_BTC",
    "base_currency": "BTC",
    "target_currency": "CHZ",
    "last_price": 7.3e-7,
    "base_volume": 2.1231354090577,
    "target_volume": 0.13,
    "bid": 7.2e-7,
    "ask": 7.3e-7,
    "high": 8.1e-7,
    "low": 7.3e-7
  },
  {
    "ticker_id": "ZEC_BTC",
    "base_currency": "BTC",
    "target_currency": "ZEC",
    "last_price": 0.00045301,
    "base_volume": 10.0709081207401,
    "target_volume": 398.16,
    "bid": 0.00045349,
    "ask": 0.0004545,
    "high": 0.0004863,
    "low": 0.0004444
  },
  {
    "ticker_id": "BNB_BTC",
    "base_currency": "BTC",
    "target_currency": "BNB",
    "last_price": 0.00695311,
    "base_volume": 41.7321053848815,
    "target_volume": 25396.26,
    "bid": 0.00695189,
    "ask": 0.00695311,
    "high": 0.00726213,
    "low": 0.0069169
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  {
    "ticker_id": "EGLD_BTC",

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    "base_currency": "BTC",
    "target_currency": "EGLD",
    "last_price": 0.00033851,
    "base_volume": 0.01206723701,
    "target_volume": 0.36,
    "bid": 0.00033419,
    "ask": 0.0003363,
    "high": 0.0003585,
    "low": 0.00033851
  },
  {
    "ticker_id": "SNX_BTC",
    "base_currency": "BTC",
    "target_currency": "SNX",
    "last_price": 1.718e-5,
    "base_volume": 25.7991143979387,
    "target_volume": 38.71,
    "bid": 1.725e-5,
    "ask": 1.732e-5,
    "high": 1.855e-5,
    "low": 1.704e-5
  },
  {
    "ticker_id": "VET_BTC",
    "base_currency": "BTC",
    "target_currency": "VET",
    "last_price": 2.9e-7,
    "base_volume": 11.025884918713,
    "target_volume": 0.28,
    "bid": 2.8e-7,
    "ask": 2.9e-7,
    "high": 3.3e-7,
    "low": 2.9e-7
  },
  {
    "ticker_id": "WBTC_BTC",
    "base_currency": "BTC",
    "target_currency": "WBTC",
    "last_price": 0.99778408,
    "base_volume": 2.979328213771,
    "target_volume": 260186.88,
    "bid": 0.99758935,
    "ask": 0.99771547,
    "high": 0.99871323,
    "low": 0.99748754
  },
  {
    "ticker_id": "ETC_BTC",
    "base_currency": "BTC",
    "target_currency": "ETC",
    "last_price": 0.0002481,
    "base_volume": 4.7413137863756,
    "target_volume": 102.57,
    "bid": 0.000248,
    "ask": 0.0002483,
    "high": 0.0002626,
    "low": 0.0002475
  },
  {
    "ticker_id": "SOL_BTC",
    "base_currency": "BTC",

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    "target_currency": "SOL",
    "last_price": 0.00237913,
    "base_volume": 141.7779378419344,
    "target_volume": 29522.1,
    "bid": 0.00237696,
    "ask": 0.00238153,
    "high": 0.00246047,
    "low": 0.00231844
  },
  {
    "ticker_id": "XTZ_BTC",
    "base_currency": "BTC",
    "target_currency": "XTZ",
    "last_price": 8.09e-6,
    "base_volume": 12.6674278021112,
    "target_volume": 8.97,
    "bid": 8.09e-6,
    "ask": 8.1e-6,
    "high": 8.5e-6,
    "low": 7.98e-6
  },
  {
    "ticker_id": "YFI_BTC",
    "base_currency": "BTC",
    "target_currency": "YFI",
    "last_price": 0.06949908,
    "base_volume": 7.7050639974191,
    "target_volume": 46779.41,
    "bid": 0.06999881,
    "ask": 0.07020112,
    "high": 0.07370082,
    "low": 0.06929898
  },
  {
    "ticker_id": "AAVE_BTC",
    "base_currency": "BTC",
    "target_currency": "AAVE",
    "last_price": 0.00198097,
    "base_volume": 110.5105897903115,
    "target_volume": 19157.64,
    "bid": 0.00198498,
    "ask": 0.00198702,
    "high": 0.00208897,
    "low": 0.00195303
  },
  {
    "ticker_id": "BCH_BTC",
    "base_currency": "BTC",
    "target_currency": "BCH",
    "last_price": 0.00471906,
    "base_volume": 62.163912911777,
    "target_volume": 25690.59,
    "bid": 0.00471395,
    "ask": 0.00471707,
    "high": 0.00502791,
    "low": 0.00469609
  },
  {
    "ticker_id": "CFX_BTC",
    "base_currency": "BTC",
    "target_currency": "CFX",

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```

    "last_price": 1.67e-6,
    "base_volume": 0.002960697208,
    "target_volume": 0,
    "bid": 1.67e-6,
    "ask": 1.68e-6,
    "high": 1.85e-6,
    "low": 1.65e-6
  },
  {
    "ticker_id": "NEO_BTC",
    "base_currency": "BTC",
    "target_currency": "NEO",
    "last_price": 0.0001238,
    "base_volume": 0.4402163851283,
    "target_volume": 4.77,
    "bid": 0.0001235,
    "ask": 0.0001238,
    "high": 0.000133,
    "low": 0.0001224
  },
  {
    "ticker_id": "COMP_BTC",
    "base_currency": "BTC",
    "target_currency": "COMP",
    "last_price": 0.00053501,
    "base_volume": 0.9043163476802,
    "target_volume": 42.25,
    "bid": 0.00053799,
    "ask": 0.00054001,
    "high": 0.00058701,
    "low": 0.00053501
  },
  {
    "ticker_id": "DOGE_BTC",
    "base_currency": "BTC",
    "target_currency": "DOGE",
    "last_price": 4.44e-6,
    "base_volume": 737.9473033716469,
    "target_volume": 286.77,
    "bid": 4.42e-6,
    "ask": 4.44e-6,
    "high": 4.6e-6,
    "low": 4.04e-6
  },
  {
    "ticker_id": "STX_BTC",
    "base_currency": "BTC",
    "target_currency": "STX",
    "last_price": 2.192e-5,
    "base_volume": 0.1267394562017,
    "target_volume": 0.24,
    "bid": 2.187e-5,
    "ask": 2.191e-5,
    "high": 2.358e-5,
    "low": 2.116e-5
  },
  {
    "ticker_id": "XLM_BTC",
    "base_currency": "BTC",
    "target_currency": "XLM",
    "last_price": 1.42e-6,

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    "base_volume": 113.1107170264298,
    "target_volume": 14.07,
    "bid": 1.42e-6,
    "ask": 1.44e-6,
    "high": 1.6e-6,
    "low": 1.36e-6
  },
  {
    "ticker_id": "ETH_BTC",
    "base_currency": "BTC",
    "target_currency": "ETH",
    "last_price": 0.03628944,
    "base_volume": 76.714584689067,
    "target_volume": 243656.85,
    "bid": 0.03625963,
    "ask": 0.03626053,
    "high": 0.03804927,
    "low": 0.03599039
  },
  {
    "ticker_id": "FIL_BTC",
    "base_currency": "BTC",
    "target_currency": "FIL",
    "last_price": 4.54e-5,
    "base_volume": 0.2629404982954,
    "target_volume": 1.04,
    "bid": 4.53e-5,
    "ask": 4.55e-5,
    "high": 4.95e-5,
    "low": 4.49e-5
  },
  {
    "ticker_id": "GRT_BTC",
    "base_currency": "BTC",
    "target_currency": "GRT",
    "last_price": 2.01e-6,
    "base_volume": 23.2312836481492,
    "target_volume": 4.07,
    "bid": 2.02e-6,
    "ask": 2.04e-6,
    "high": 2.23e-6,
    "low": 2.0e-6
  },
  {
    "ticker_id": "LTC_BTC",
    "base_currency": "BTC",
    "target_currency": "LTC",
    "last_price": 0.00083899,
    "base_volume": 12.479238235199,
    "target_volume": 916.38,
    "bid": 0.00083798,
    "ask": 0.00083902,
    "high": 0.00088598,
    "low": 0.00083299
  },
  {
    "ticker_id": "MATIC_BTC",
    "base_currency": "BTC",
    "target_currency": "MATIC",
    "last_price": 4.23e-6,
    "base_volume": 29.4409198769487,

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    "target_volume": 10.9,
    "bid": 4.21e-6,
    "ask": 4.24e-6,
    "high": 6.67e-6,
    "low": 4.16e-6
  },
  {
    "ticker_id": "THETA_BTC",
    "base_currency": "BTC",
    "target_currency": "THETA",
    "last_price": 1.54e-5,
    "base_volume": 80.9811775418607,
    "target_volume": 109.15,
    "bid": 1.539e-5,
    "ask": 1.54e-5,
    "high": 1.694e-5,
    "low": 1.514e-5
  },
  {
    "ticker_id": "UNI_BTC",
    "base_currency": "BTC",
    "target_currency": "UNI",
    "last_price": 9.7e-5,
    "base_volume": 17.4392535663729,
    "target_volume": 148.06,
    "bid": 9.68e-5,
    "ask": 9.72e-5,
    "high": 0.0001063,
    "low": 9.58e-5
  },
  {
    "ticker_id": "XRP_BTC",
    "base_currency": "BTC",
    "target_currency": "XRP",
    "last_price": 7.67e-6,
    "base_volume": 49.3233941360108,
    "target_volume": 33.11,
    "bid": 7.66e-6,
    "ask": 7.7e-6,
    "high": 8.32e-6,
    "low": 7.33e-6
  },
  {
    "ticker_id": "AVAX_BTC",
    "base_currency": "BTC",
    "target_currency": "AVAX",
    "last_price": 0.0003676,
    "base_volume": 0.1835095067315,
    "target_volume": 5.9,
    "bid": 0.0003676,
    "ask": 0.00036801,
    "high": 0.0003998,
    "low": 0.0003625
  },
  {
    "ticker_id": "DOT_BTC",
    "base_currency": "BTC",
    "target_currency": "DOT",
    "last_price": 5.8e-5,
    "base_volume": 25.5875391599401,
    "target_volume": 129.89,

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    "bid": 5.79e-5,
    "ask": 5.8e-5,
    "high": 6.21e-5,
    "low": 5.72e-5
  },
  {
    "ticker_id": "GAS_BTC",
    "base_currency": "BTC",
    "target_currency": "GAS",
    "last_price": 4.78e-5,
    "base_volume": 0.2151988390031,
    "target_volume": 0.9,
    "bid": 4.82e-5,
    "ask": 4.83e-5,
    "high": 5.28e-5,
    "low": 4.74e-5
  },
  {
    "ticker_id": "MKR_BTC",
    "base_currency": "BTC",
    "target_currency": "MKR",
    "last_price": 0.01698032,
    "base_volume": 7.2687237764249,
    "target_volume": 10808.97,
    "bid": 0.01768979,
    "ask": 0.01775029,
    "high": 0.01732982,
    "low": 0.01675025
  },
  {
    "ticker_id": "NEAR_BTC",
    "base_currency": "BTC",
    "target_currency": "NEAR",
    "last_price": 5.946e-5,
    "base_volume": 153.3405201519731,
    "target_volume": 798,
    "bid": 5.948e-5,
    "ask": 5.959e-5,
    "high": 6.263e-5,
    "low": 5.768e-5
  },
  {
    "ticker_id": "TFUEL_BTC",
    "base_currency": "BTC",
    "target_currency": "TFUEL",
    "last_price": 6.6e-7,
    "base_volume": 3.3268791771482,
    "target_volume": 0.19,
    "bid": 6.6e-7,
    "ask": 6.7e-7,
    "high": 7.5e-7,
    "low": 6.6e-7
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  {
    "ticker_id": "TRX_BTC",
    "base_currency": "BTC",
    "target_currency": "TRX",
    "last_price": 2.01e-6,
    "base_volume": 32.5811884676052,
    "target_volume": 5.72,
    "bid": 2.0e-6,

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    "ask": 2.01e-6,
    "high": 2.17e-6,
    "low": 1.93e-6
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  {
    "ticker_id": "DAI_BTC",
    "base_currency": "BTC",
    "target_currency": "DAI",
    "last_price": 1.149e-5,
    "base_volume": 71.0761049652846,
    "target_volume": 70.94,
    "bid": 1.137e-5,
    "ask": 1.141e-5,
    "high": 1.165e-5,
    "low": 1.112e-5
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  {
    "ticker_id": "EOS_BTC",
    "base_currency": "BTC",
    "target_currency": "EOS",
    "last_price": 6.2e-6,
    "base_volume": 48.850232854603,
    "target_volume": 26.51,
    "bid": 6.19e-6,
    "ask": 6.2e-6,
    "high": 6.68e-6,
    "low": 6.13e-6
  },
  {
    "ticker_id": "APT_BTC",
    "base_currency": "BTC",
    "target_currency": "APT",
    "last_price": 0.0001371,
    "base_volume": 0.5308875466143,
    "target_volume": 6.37,
    "bid": 0.0001391,
    "ask": 0.0001395,
    "high": 0.0001449,
    "low": 0.0001306
  },
  {
    "ticker_id": "CHZ_ETH",
    "base_currency": "ETH",
    "target_currency": "CHZ",
    "last_price": 1.997e-5,
    "base_volume": 781.1812499663772,
    "target_volume": 49.06,
    "bid": 1.997e-5,
    "ask": 2.001e-5,
    "high": 2.123e-5,
    "low": 1.982e-5
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    "ticker_id": "VET_ETH",
    "base_currency": "ETH",
    "target_currency": "VET",
    "last_price": 7.93e-6,
    "base_volume": 1663.551433806215,
    "target_volume": 41.89,
    "bid": 7.93e-6,
    "ask": 7.94e-6,

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    "high": 8.41e-6,
    "low": 7.85e-6
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  {
    "ticker_id": "ETC_ETH",
    "base_currency": "ETH",
    "target_currency": "ETC",
    "last_price": 0.0069099,
    "base_volume": 31.2682266595661,
    "target_volume": 683.33,
    "bid": 0.0068299,
    "ask": 0.00686011,
    "high": 0.00708014,
    "low": 0.00683992
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  {
    "ticker_id": "LTC_ETH",
    "base_currency": "ETH",
    "target_currency": "LTC",
    "last_price": 0.02318976,
    "base_volume": 653.163768572425,
    "target_volume": 47956.88,
    "bid": 0.02309958,
    "ask": 0.02313024,
    "high": 0.02383974,
    "low": 0.02279034
  },
  {
    "ticker_id": "THETA_ETH",
    "base_currency": "ETH",
    "target_currency": "THETA",
    "last_price": 0.00042151,
    "base_volume": 503.4937961421592,
    "target_volume": 669.06,
    "bid": 0.00042419,
    "ask": 0.0004255,
    "high": 0.00045099,
    "low": 0.000418
  },
  {
    "ticker_id": "ZEC_ETH",
    "base_currency": "ETH",
    "target_currency": "ZEC",
    "last_price": 0.0124598,
    "base_volume": 286.3334121216969,
    "target_volume": 11170.15,
    "bid": 0.01250982,
    "ask": 0.01255024,
    "high": 0.01305985,
    "low": 0.01220987
  },
  {
    "ticker_id": "MATIC_ETH",
    "base_currency": "ETH",
    "target_currency": "MATIC",
    "last_price": 0.00011666,
    "base_volume": 866.3260339625216,
    "target_volume": 320.87,
    "bid": 0.00011601,
    "ask": 0.00011687,
    "high": 0.0001615,

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    "low": 0.00011547
  },
  {
    "ticker_id": "STX_ETH",
    "base_currency": "ETH",
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    "last_price": 0.0006036,
    "base_volume": 4.4677755961886,
    "target_volume": 8.56,
    "bid": 0.00060289,
    "ask": 0.00060421,
    "high": 0.00063191,
    "low": 0.00057813
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  {
    "ticker_id": "DOGE_ETH",
    "base_currency": "ETH",
    "target_currency": "DOGE",
    "last_price": 0.0001225,
    "base_volume": 137454.30839245755,
    "target_volume": 53458.75,
    "bid": 0.00012216,
    "ask": 0.00012285,
    "high": 0.00012591,
    "low": 0.0001066
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    "ticker_id": "DOT_ETH",
    "base_currency": "ETH",
    "target_currency": "DOT",
    "last_price": 0.00159703,
    "base_volume": 2693.2542025598523,
    "target_volume": 13695.19,
    "bid": 0.00159898,
    "ask": 0.00160102,
    "high": 0.00165398,
    "low": 0.00156003
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  {
    "ticker_id": "HCX_ETH",
    "base_currency": "ETH",
    "target_currency": "HCX",
    "last_price": 0.00574095,
    "base_volume": 114429.798066472,
    "target_volume": 2085677.81,
    "bid": 0.005743,
    "ask": 0.00574867,
    "high": 0.00579081,
    "low": 0.00546697
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  {
    "ticker_id": "NEAR_ETH",
    "base_currency": "ETH",
    "target_currency": "NEAR",
    "last_price": 0.00163903,
    "base_volume": 2291.2596997120336,
    "target_volume": 11923,
    "bid": 0.00163903,
    "ask": 0.00164302,
    "high": 0.00168797,
    "low": 0.00154403
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{
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  "base_currency": "ETH",
  "target_currency": "WBTC",
  "last_price": 27.51966293,
  "base_volume": 91.3278131585348,
  "target_volume": 7981394.92,
  "bid": 27.48946239,
  "ask": 27.52030155,
  "high": 27.51966293,
  "low": 25.92961875
},
{
  "ticker_id": "APT_ETH",
  "base_currency": "ETH",
  "target_currency": "APT",
  "last_price": 0.00380304,
  "base_volume": 7.5881831339306,
  "target_volume": 91.49,
  "bid": 0.00383593,
  "ask": 0.00385408,
  "high": 0.00383692,
  "low": 0.00357305
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  "ticker_id": "EGLD_ETH",
  "base_currency": "ETH",
  "target_currency": "EGLD",
  "last_price": 0.01000987,
  "base_volume": 0.0622436611904,
  "target_volume": 1.86,
  "bid": 0.00922984,
  "ask": 0.00926018,
  "high": 0.01039981,
  "low": 0.01000987
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  "ticker_id": "XLM_ETH",
  "base_currency": "ETH",
  "target_currency": "XLM",
  "last_price": 3.928e-5,
  "base_volume": 11163.746808930578,
  "target_volume": 1392.55,
  "bid": 3.934e-5,
  "ask": 3.938e-5,
  "high": 4.295e-5,
  "low": 3.591e-5
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{
  "ticker_id": "XRP_ETH",
  "base_currency": "ETH",
  "target_currency": "XRP",
  "last_price": 0.0002098,
  "base_volume": 188.9728638600894,
  "target_volume": 124.72,
  "bid": 0.0002114,
  "ask": 0.0002122,
  "high": 0.0002237,
  "low": 0.0001952
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  "base_currency": "ETH",
  "target_currency": "GRT",
  "last_price": 5.592e-5,
  "base_volume": 6006.254149134799,
  "target_volume": 1061.36,
  "bid": 5.589e-5,
  "ask": 5.61e-5,
  "high": 5.951e-5,
  "low": 5.522e-5
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  "ticker_id": "SNX_ETH",
  "base_currency": "ETH",
  "target_currency": "SNX",
  "last_price": 0.00047593,
  "base_volume": 1416.7415169040542,
  "target_volume": 2129.03,
  "bid": 0.00047654,
  "ask": 0.00047857,
  "high": 0.00049735,
  "low": 0.00047247
},
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  "ticker_id": "YFI_ETH",
  "base_currency": "ETH",
  "target_currency": "YFI",
  "last_price": 1.93436115,
  "base_volume": 871.9761649253808,
  "target_volume": 5327268.14,
  "bid": 1.93018013,
  "ask": 1.93934057,
  "high": 1.99273433,
  "low": 1.88752714
},
{
  "ticker_id": "COMP_ETH",
  "base_currency": "ETH",
  "target_currency": "COMP",
  "last_price": 0.01490892,
  "base_volume": 2263.201009627725,
  "target_volume": 107304.25,
  "bid": 0.014879,
  "ask": 0.01490356,
  "high": 0.01580084,
  "low": 0.01480081
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{
  "ticker_id": "FIL_ETH",
  "base_currency": "ETH",
  "target_currency": "FIL",
  "last_price": 0.00125402,
  "base_volume": 0.7163161757258,
  "target_volume": 2.83,
  "bid": 0.00125198,
  "ask": 0.00125302,
  "high": 0.00131303,
  "low": 0.00123001
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    "target_volume": 321.94,
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    "ask": 5.536e-5,
    "high": 5.872e-5,
    "low": 5.279e-5
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    "ticker_id": "UNI_ETH",
    "base_currency": "ETH",
    "target_currency": "UNI",
    "last_price": 0.00301997,
    "base_volume": 2.1960161789,
    "target_volume": 21.95,
    "bid": 0.00259995,
    "ask": 0.00282006,
    "high": 0.00308003,
    "low": 0.00301997
  },
  {
    "ticker_id": "AAVE_ETH",
    "base_currency": "ETH",
    "target_currency": "AAVE",
    "last_price": 0.05470094,
    "base_volume": 516.9182154648383,
    "target_volume": 89545.51,
    "bid": 0.05464903,
    "ask": 0.05486066,
    "high": 0.05542931,
    "low": 0.05386097
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  {
    "ticker_id": "AVAX_ETH",
    "base_currency": "ETH",
    "target_currency": "AVAX",
    "last_price": 0.0101499,
    "base_volume": 1.65522177252,
    "target_volume": 53.22,
    "bid": 0.01013981,
    "ask": 0.01015013,
    "high": 0.01064019,
    "low": 0.00996012
  },
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    "ticker_id": "BNB_ETH",
    "base_currency": "ETH",
    "target_currency": "BNB",
    "last_price": 0.19160274,
    "base_volume": 350.982737904989,
    "target_volume": 213862.72,
    "bid": 0.19159728,
    "ask": 0.19200239,
    "high": 0.1932022,
    "low": 0.18850342
  },
  {
    "ticker_id": "MKR_ETH",

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    "base_currency": "ETH",
    "target_currency": "MKR",
    "last_price": 0.48842401,
    "base_volume": 1675.1712996125211,
    "target_volume": 2597649.51,
    "bid": 0.48772694,
    "ask": 0.49049178,
    "high": 0.48842401,
    "low": 0.44899893
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    "ticker_id": "SOL_ETH",
    "base_currency": "ETH",
    "target_currency": "SOL",
    "last_price": 0.06555073,
    "base_volume": 7231.828546435133,
    "target_volume": 1507555.39,
    "bid": 0.06559933,
    "ask": 0.06561098,
    "high": 0.06577909,
    "low": 0.06321093
  },
  {
    "ticker_id": "XTZ_ETH",
    "base_currency": "ETH",
    "target_currency": "XTZ",
    "last_price": 0.00022356,
    "base_volume": 257.5590288417406,
    "target_volume": 182.35,
    "bid": 0.00022272,
    "ask": 0.00022376,
    "high": 0.00023076,
    "low": 0.00021736
  },
  {
    "ticker_id": "EOS_ETH",
    "base_currency": "ETH",
    "target_currency": "EOS",
    "last_price": 0.0001709,
    "base_volume": 1212.34416221912,
    "target_volume": 657.8,
    "bid": 0.0001706,
    "ask": 0.0001711,
    "high": 0.0001798,
    "low": 0.0001663
  },
  {
    "ticker_id": "NEO_ETH",
    "base_currency": "ETH",
    "target_currency": "NEO",
    "last_price": 0.00341355,
    "base_volume": 7.2003189083399,
    "target_volume": 77.92,
    "bid": 0.00340519,
    "ask": 0.00341417,
    "high": 0.00359585,
    "low": 0.00336994
  },
  {
    "ticker_id": "DAI_ETH",
    "base_currency": "ETH",

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    "target_currency": "DAI",
    "last_price": 0.00031604,
    "base_volume": 2567.021742156208,
    "target_volume": 2564.65,
    "bid": 0.00031327,
    "ask": 0.00031448,
    "high": 0.00031819,
    "low": 0.00029482
  },
  {
    "ticker_id": "AAVE_EUR",
    "base_currency": "EUR",
    "target_currency": "AAVE",
    "last_price": 128.3529639,
    "base_volume": 111072.40391394326,
    "target_volume": 121435.46,
    "bid": 162.26313134,
    "ask": 165.55537102,
    "high": 128.3529639,
    "low": 126.84915031
  },
  {
    "ticker_id": "BAT_EUR",
    "base_currency": "EUR",
    "target_currency": "BAT",
    "last_price": 0.12857294,
    "base_volume": 65219.85598008784,
    "target_volume": 70535.27,
    "bid": 0.17201855,
    "ask": 0.17580262,
    "high": 0.12860083,
    "low": 0.12857262
  },
  {
    "ticker_id": "MKR_EUR",
    "base_currency": "EUR",
    "target_currency": "MKR",
    "last_price": 1261.91845989,
    "base_volume": 121261.71377232195,
    "target_volume": 128925.45,
    "bid": 1446.26763026,
    "ask": 1482.48592928,
    "high": 1261.91845989,
    "low": 1123.1493288
  },
  {
    "ticker_id": "TFUEL_EUR",
    "base_currency": "EUR",
    "target_currency": "TFUEL",
    "last_price": 0.06180832,
    "base_volume": 918.310933568,
    "target_volume": 969.19,
    "bid": 0.05445444,
    "ask": 0.05560376,
    "high": 0.06180832,
    "low": 0.06180832
  },
  {
    "ticker_id": "XRP_EUR",
    "base_currency": "EUR",
    "target_currency": "XRP",

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    "last_price": 0.62911968,
    "base_volume": 7625.748377184,
    "target_volume": 8030.68,
    "bid": 0.62536133,
    "ask": 0.63862508,
    "high": 0.62911968,
    "low": 0.62911968
  },
  {
    "ticker_id": "ADA_EUR",
    "base_currency": "EUR",
    "target_currency": "ADA",
    "last_price": 0.55073931,
    "base_volume": 0.0055073931,
    "target_volume": 0.01,
    "bid": 0.50183944,
    "ask": 0.51336783,
    "high": 0.55073931,
    "low": 0.55073931
  },
  {
    "ticker_id": "DAI_EUR",
    "base_currency": "EUR",
    "target_currency": "DAI",
    "last_price": 0.91316745,
    "base_volume": 1019363.7744692671,
    "target_volume": 1092248.28,
    "bid": 0.92794385,
    "ask": 0.94983469,
    "high": 0.93393391,
    "low": 0.91290372
  },
  {
    "ticker_id": "LTC_EUR",
    "base_currency": "EUR",
    "target_currency": "LTC",
    "last_price": 61.95773015,
    "base_volume": 1429.3648345605,
    "target_volume": 1543.14,
    "bid": 68.43682211,
    "ask": 69.97030464,
    "high": 61.95773015,
    "low": 61.95773015
  },
  {
    "ticker_id": "NEO_EUR",
    "base_currency": "EUR",
    "target_currency": "NEO",
    "last_price": 7.42547134,
    "base_volume": 1547.3414765733257,
    "target_volume": 1673.45,
    "bid": 10.08323951,
    "ask": 10.31198734,
    "high": 7.42547493,
    "low": 7.42547113
  },
  {
    "ticker_id": "SOL_EUR",
    "base_currency": "EUR",
    "target_currency": "SOL",
    "last_price": 106.48614135,

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    "base_volume": 511.13347848,
    "target_volume": 554.73,
    "bid": 194.10215307,
    "ask": 198.10580827,
    "high": 106.48614135,
    "low": 106.48614135
  },
  {
    "ticker_id": "WBTC_EUR",
    "base_currency": "EUR",
    "target_currency": "WBTC",
    "last_price": 48217.22335179,
    "base_volume": 224254.57425753787,
    "target_volume": 242531.32,
    "bid": 81236.08045434,
    "ask": 84748.62246655,
    "high": 49224.55758657,
    "low": 48217.22335179
  },
  {
    "ticker_id": "APT_EUR",
    "base_currency": "EUR",
    "target_currency": "APT",
    "last_price": 10.89909666,
    "base_volume": 238.4833717568448,
    "target_volume": 250.69,
    "bid": 11.37308974,
    "ask": 11.60221554,
    "high": 11.51107188,
    "low": 10.89909536
  },
  {
    "ticker_id": "BCH_EUR",
    "base_currency": "EUR",
    "target_currency": "BCH",
    "last_price": 265.99625282,
    "base_volume": 186797.50355953962,
    "target_volume": 202021.5,
    "bid": 385.58493884,
    "ask": 394.02689458,
    "high": 265.99879428,
    "low": 265.99625282
  },
  {
    "ticker_id": "ETC_EUR",
    "base_currency": "EUR",
    "target_currency": "ETC",
    "last_price": 14.59892419,
    "base_volume": 7884.2928610316,
    "target_volume": 8556.82,
    "bid": 20.25505567,
    "ask": 20.68490711,
    "high": 14.59892419,
    "low": 14.59890845
  },
  {
    "ticker_id": "FIL_EUR",
    "base_currency": "EUR",
    "target_currency": "FIL",
    "last_price": 3.97916758,
    "base_volume": 16.86172262025,

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    "target_volume": 17.75,
    "bid": 3.71172827,
    "ask": 3.7925475,
    "high": 3.97916758,
    "low": 3.97916758
  },
  {
    "ticker_id": "LINK_EUR",
    "base_currency": "EUR",
    "target_currency": "LINK",
    "last_price": 8.40045556,
    "base_volume": 41617.6025336589,
    "target_volume": 45009.44,
    "bid": 12.57925396,
    "ask": 12.85140432,
    "high": 8.40053768,
    "low": 8.40045556
  },
  {
    "ticker_id": "STX_EUR",
    "base_currency": "EUR",
    "target_currency": "STX",
    "last_price": 1.90674591,
    "base_volume": 32.783371691334,
    "target_volume": 34.52,
    "bid": 1.79068846,
    "ask": 1.82909893,
    "high": 2.05910039,
    "low": 1.90674591
  },
  {
    "ticker_id": "XLM_EUR",
    "base_currency": "EUR",
    "target_currency": "XLM",
    "last_price": 0.0732008,
    "base_volume": 359785.1261727549,
    "target_volume": 389107.61,
    "bid": 0.11647261,
    "ask": 0.11939502,
    "high": 0.07320091,
    "low": 0.0732008
  },
  {
    "ticker_id": "EGLD_EUR",
    "base_currency": "EUR",
    "target_currency": "EGLD",
    "last_price": 21.21263232,
    "base_volume": 961.422315556625,
    "target_volume": 1039.78,
    "bid": 27.29717581,
    "ask": 27.9826979,
    "high": 21.2127241,
    "low": 21.21263232
  },
  {
    "ticker_id": "HBAR_EUR",
    "base_currency": "EUR",
    "target_currency": "HBAR",
    "last_price": 0.06387096,
    "base_volume": 59246.0085925901,
    "target_volume": 62255.71,

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    "ask": 0.59427489,
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    "low": 0.730105
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    "ask": 11.43119601,
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    "ask": 0.0101391,
    "high": 0.01089088,
    "low": 0.00998404
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    "low": 14.66875757
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    "high": 125.30289524,
    "low": 110.85432685
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    "high": 18208.79918758,
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    "target_currency": "LINK",
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    "target_volume": 6224722.29,
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    "ask": 0.17046969,
    "high": 0.19072323,
    "low": 0.1584584
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    "low": 102672.25359323
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  "ask": 0.07952607,
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  "ask": 236.78108595,
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  "ask": 5.4282987,
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  "ask": 0.00245084,
  "high": 0.00268352,
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    "high": 0.79920398,
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    "ask": 0.91510853,
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    "low": 0.85554345
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    "ask": 54.20269797,
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    "ask": 4320.19972514,
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    "ask": 11.56298012,
    "high": 12.6741989,
    "low": 11.25280544
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    "ask": 1.3584736,
    "high": 1.3587126,
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    "ask": 6.91580485,
    "high": 7.41270596,
    "low": 6.72254994
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    "high": 2.82559396,
    "low": 2.48689769
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    "ask": 8372.30835574,
    "high": 8823.81811675,
    "low": 8142.81364304
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    "high": 17.088236,
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    "low": 0.03394944
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    "target_volume": 9239144.99,
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    "ask": 0.23925966,
    "high": 0.26142968,
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    "base_volume": 7841509.077267947,
    "target_volume": 7841509.08,
    "bid": 1.51097968,
    "ask": 1.51301864,
    "high": 1.62997094,
    "low": 1.46901519
  },
  {
    "ticker_id": "WBTC_USDT",
    "base_currency": "USDT",
    "target_currency": "WBTC",
    "last_price": 87274.91998736,

```

```

    "base_volume": 7765777.787432443,
    "target_volume": 7765777.79,
    "bid": 87272.24842711,
    "ask": 87306.72318551,
    "high": 89599.90968865,
    "low": 85144.29031653
  },
  {
    "ticker_id": "FIL_USDT",
    "base_currency": "USDT",
    "target_currency": "FIL",
    "last_price": 3.97304914,
    "base_volume": 33839.26707321395,
    "target_volume": 33839.27,
    "bid": 3.96494834,
    "ask": 3.97707537,
    "high": 4.32308001,
    "low": 3.86504123
  },
  {
    "ticker_id": "LTC_USDT",
    "base_currency": "USDT",
    "target_currency": "LTC",
    "last_price": 73.35102,
    "base_volume": 6335946.651867173,
    "target_volume": 6335946.65,
    "bid": 73.348975,
    "ask": 73.351239,
    "high": 78.318509,
    "low": 72.071141
  },
  {
    "ticker_id": "NEO_USDT",
    "base_currency": "USDT",
    "target_currency": "NEO",
    "last_price": 10.84012202,
    "base_volume": 4279822.665618292,
    "target_volume": 4279822.67,
    "bid": 10.81980467,
    "ask": 10.83018329,
    "high": 11.71982808,
    "low": 10.59010662
  },
  {
    "ticker_id": "VET_USDT",
    "base_currency": "USDT",
    "target_currency": "VET",
    "last_price": 0.02514969,
    "base_volume": 7277933.476824024,
    "target_volume": 7277933.48,
    "bid": 0.0251696,
    "ask": 0.02520047,
    "high": 0.02765957,
    "low": 0.02468031
  },
  {
    "ticker_id": "ZEC_USDT",
    "base_currency": "USDT",
    "target_currency": "ZEC",
    "last_price": 39.8105915,
    "base_volume": 6203204.366039933,

```

```

    "target_volume": 6203204.37,
    "bid": 39.73923243,
    "ask": 39.81067197,
    "high": 43.09936235,
    "low": 38.37038471
  },
  {
    "ticker_id": "GRT_USDT",
    "base_currency": "USDT",
    "target_currency": "GRT",
    "last_price": 0.17749657,
    "base_volume": 13556574.74808386,
    "target_volume": 13556574.75,
    "bid": 0.177297,
    "ask": 0.17740285,
    "high": 0.19669696,
    "low": 0.17400258
  },
  {
    "ticker_id": "HCX_USDT",
    "base_currency": "USDT",
    "target_currency": "HCX",
    "last_price": 18.21193,
    "base_volume": 19388492.070574783,
    "target_volume": 19388492.07,
    "bid": 18.20252,
    "ask": 18.22946,
    "high": 18.66157,
    "low": 17.76121
  },
  {
    "ticker_id": "YFI_USDT",
    "base_currency": "USDT",
    "target_currency": "YFI",
    "last_price": 6143.02431505,
    "base_volume": 13990273.43635186,
    "target_volume": 13990273.44,
    "bid": 6143.02431505,
    "ask": 6151.08043197,
    "high": 6559.91075429,
    "low": 5909.10102229
  },
  {
    "ticker_id": "CFX_USDT",
    "base_currency": "USDT",
    "target_currency": "CFX",
    "last_price": 0.14609824,
    "base_volume": 549.5905285225085,
    "target_volume": 549.59,
    "bid": 0.1460971,
    "ask": 0.1464027,
    "high": 0.16399715,
    "low": 0.14250166
  },
  {
    "ticker_id": "CHZ_USDT",
    "base_currency": "USDT",
    "target_currency": "CHZ",
    "last_price": 0.06340122,
    "base_volume": 5410313.503690413,
    "target_volume": 5410313.5,

```

```

    "bid": 0.06349911,
    "ask": 0.06360096,
    "high": 0.06929927,
    "low": 0.06230088
  },
  {
    "ticker_id": "COMP_USDT",
    "base_currency": "USDT",
    "target_currency": "COMP",
    "last_price": 47.2195249,
    "base_volume": 6443478.097070505,
    "target_volume": 6443478.1,
    "bid": 47.14928453,
    "ask": 47.34063322,
    "high": 52.03939412,
    "low": 46.65932495
  },
  {
    "ticker_id": "EGLD_USDT",
    "base_currency": "USDT",
    "target_currency": "EGLD",
    "last_price": 29.31053981,
    "base_volume": 1317.957270254427,
    "target_volume": 1317.96,
    "bid": 29.27944975,
    "ask": 29.38056426,
    "high": 31.53053715,
    "low": 29.31053981
  },
  {
    "ticker_id": "HBAR_USDT",
    "base_currency": "USDT",
    "target_currency": "HBAR",
    "last_price": 0.05734073,
    "base_volume": 4990237.858446015,
    "target_volume": 4990237.86,
    "bid": 0.057101,
    "ask": 0.05734081,
    "high": 0.07391899,
    "low": 0.05319099
  },
  {
    "ticker_id": "SHIB_USDT",
    "base_currency": "USDT",
    "target_currency": "SHIB",
    "last_price": 2.435e-5,
    "base_volume": 12403009.369296651,
    "target_volume": 12403009.37,
    "bid": 2.435e-5,
    "ask": 2.441e-5,
    "high": 2.769e-5,
    "low": 2.342e-5
  },
  {
    "ticker_id": "STX_USDT",
    "base_currency": "USDT",
    "target_currency": "STX",
    "last_price": 1.91697022,
    "base_volume": 13108.61841330826,
    "target_volume": 13108.62,
    "bid": 1.91697456,

```

```
    "ask": 1.91803009,  
    "high": 2.07697114,  
    "low": 1.82439386  
  },  
  {  
    "ticker_id": "THETA_USDT",  
    "base_currency": "USDT",  
    "target_currency": "THETA",  
    "last_price": 1.34798567,  
    "base_volume": 3845849.280482495,  
    "target_volume": 3845849.28,  
    "bid": 1.34697308,  
    "ask": 1.35002053,  
    "high": 1.48397085,  
    "low": 1.31502256  
  },  
  {  
    "ticker_id": "TRX_USDT",  
    "base_currency": "USDT",  
    "target_currency": "TRX",  
    "last_price": 0.1751019,  
    "base_volume": 3556475.876721379,  
    "target_volume": 3556475.88,  
    "bid": 0.17559816,  
    "ask": 0.17570284,  
    "high": 0.19189661,  
    "low": 0.17260263  
  },  
  {  
    "ticker_id": "APT_USDT",  
    "base_currency": "USDT",  
    "target_currency": "APT",  
    "last_price": 12.10014315,  
    "base_volume": 38347.66032071792,  
    "target_volume": 38347.66,  
    "bid": 12.16985933,  
    "ask": 12.21021134,  
    "high": 12.58980617,  
    "low": 11.32987639  
  },  
  {  
    "ticker_id": "BTC_USDT",  
    "base_currency": "USDT",  
    "target_currency": "BTC",  
    "last_price": 87519.698452,  
    "base_volume": 97174704.65787204,  
    "target_volume": 97174704.66,  
    "bid": 87506.988096,  
    "ask": 87521.019944,  
    "high": 89830.39557,  
    "low": 85172.951297  
  },  
  {  
    "ticker_id": "DAI_USDT",  
    "base_currency": "USDT",  
    "target_currency": "DAI",  
    "last_price": 0.99956108,  
    "base_volume": 814195.8948930657,  
    "target_volume": 814195.89,  
    "bid": 0.99868292,  
    "ask": 0.99900256,
```

```

    "high": 0.99973474,
    "low": 0.9995601
  },
  {
    "ticker_id": "DOT_USDT",
    "base_currency": "USDT",
    "target_currency": "DOT",
    "last_price": 5.07005469,
    "base_volume": 3310627.882911232,
    "target_volume": 3310627.88,
    "bid": 5.07293318,
    "ask": 5.07609234,
    "high": 5.45107443,
    "low": 4.93807704
  },
  {
    "ticker_id": "ETH_USDT",
    "base_currency": "USDT",
    "target_currency": "ETH",
    "last_price": 3180.06176,
    "base_volume": 9447924.53458821,
    "target_volume": 9447924.53,
    "bid": 3175.00361,
    "ask": 3175.3833,
    "high": 3307.14287,
    "low": 3117.94728
  },
  {
    "ticker_id": "LINK_USDT",
    "base_currency": "USDT",
    "target_currency": "LINK",
    "last_price": 13.4602348,
    "base_volume": 1875097.127430983,
    "target_volume": 1875097.13,
    "bid": 13.4597411,
    "ask": 13.4702135,
    "high": 14.3701708,
    "low": 13.1301543
  },
  {
    "ticker_id": "SOL_USDT",
    "base_currency": "USDT",
    "target_currency": "SOL",
    "last_price": 207.66387096,
    "base_volume": 8652847.269767975,
    "target_volume": 8652847.27,
    "bid": 208.08631431,
    "ask": 208.10352838,
    "high": 215.50327814,
    "low": 201.41259728
  },
  {
    "ticker_id": "UNI_USDT",
    "base_currency": "USDT",
    "target_currency": "UNI",
    "last_price": 8.48909492,
    "base_volume": 3411861.4267193372,
    "target_volume": 3411861.43,
    "bid": 8.48086707,
    "ask": 8.48912793,
    "high": 9.32586844,

```

```

    "low": 8.25810968
  },
  {
    "ticker_id": "VTH0_USDT",
    "base_currency": "USDT",
    "target_currency": "VTH0",
    "last_price": 0.00179297,
    "base_volume": 1674275.8969473613,
    "target_volume": 1674275.9,
    "bid": 0.00179797,
    "ask": 0.00179903,
    "high": 0.00197996,
    "low": 0.00174298
  },
  {
    "ticker_id": "XLM_USDT",
    "base_currency": "USDT",
    "target_currency": "XLM",
    "last_price": 0.12410176,
    "base_volume": 18631301.556191918,
    "target_volume": 18631301.56,
    "bid": 0.12479802,
    "ask": 0.12510158,
    "high": 0.13970158,
    "low": 0.11589814
  },
  {
    "ticker_id": "XTZ_USDT",
    "base_currency": "USDT",
    "target_currency": "XTZ",
    "last_price": 0.70400757,
    "base_volume": 942527.1984554573,
    "target_volume": 942527.2,
    "bid": 0.70698699,
    "ask": 0.7090103,
    "high": 0.74899181,
    "low": 0.69100727
  },
  {
    "ticker_id": "BCH_USDT",
    "base_currency": "USDT",
    "target_currency": "BCH",
    "last_price": 412.606629,
    "base_volume": 10562541.707162987,
    "target_volume": 10562541.71,
    "bid": 412.592965,
    "ask": 412.706237,
    "high": 443.892319,
    "low": 404.605536
  },
  {
    "ticker_id": "BNB_USDT",
    "base_currency": "USDT",
    "target_currency": "BNB",
    "last_price": 609.11848092,
    "base_volume": 3533924.212032317,
    "target_volume": 3533924.21,
    "bid": 609.11848092,
    "ask": 609.17685404,
    "high": 634.72886701,
    "low": 599.50631655
  }

```

```

    },
    {
      "ticker_id": "GAS_USDT",
      "base_currency": "USDT",
      "target_currency": "GAS",
      "last_price": 4.22105559,
      "base_volume": 35385.34675226527,
      "target_volume": 35385.35,
      "bid": 4.21792584,
      "ask": 4.22807399,
      "high": 4.65990895,
      "low": 4.13795624
    },
    {
      "ticker_id": "MKR_USDT",
      "base_currency": "USDT",
      "target_currency": "MKR",
      "last_price": 1546.01699753,
      "base_volume": 4873999.789389826,
      "target_volume": 4873999.79,
      "bid": 1548.98352506,
      "ask": 1552.02632592,
      "high": 1546.01699753,
      "low": 1459.01527619
    },
    {
      "ticker_id": "AVAX_USDT",
      "base_currency": "USDT",
      "target_currency": "AVAX",
      "last_price": 32.18040752,
      "base_volume": 19860.991451107908,
      "target_volume": 19860.99,
      "bid": 32.18040752,
      "ask": 32.22044894,
      "high": 35.11056333,
      "low": 31.4696309
    },
    {
      "ticker_id": "ETC_USDT",
      "base_currency": "USDT",
      "target_currency": "ETC",
      "last_price": 21.72965587,
      "base_volume": 3795642.9097233224,
      "target_volume": 3795642.91,
      "bid": 21.71957536,
      "ask": 21.72965587,
      "high": 23.30967836,
      "low": 21.21022036
    }
  ]

```

Endpoint 2 - /historical_trades (Historical Data)

The /historical_trades/ticker_id is used to return data on historical completed trades for a given market pair.

Sample request URL- https://trade.samaresh.com/api/coingecko/historical?ticker_id=BTC_USD&limit=10

Response-


```
{
  "buy": [
    {
      "trade_id": 114836761,
      "price": "79588.412959",
      "base_volume": "5451.806288",
      "target_volume": "0.0685",
      "trade_timestamp": "2024-11-10 13:02:11.07592",
      "type": "buy"
    },
    {
      "trade_id": 114836733,
      "price": "79588.412959",
      "base_volume": "198.971032",
      "target_volume": "0.0025",
      "trade_timestamp": "2024-11-10 13:02:03.765235",
      "type": "buy"
    },
    {
      "trade_id": 114743573,
      "price": "76839.780519",
      "base_volume": "2305.193416",
      "target_volume": "0.03",
      "trade_timestamp": "2024-11-10 00:43:07.382278",
      "type": "buy"
    },
    {
      "trade_id": 91137481,
      "price": "63059.170444",
      "base_volume": "315.295852",
      "target_volume": "0.005",
      "trade_timestamp": "2024-07-15 06:26:44.720796",
      "type": "buy"
    },
    {
      "trade_id": 87530657,
      "price": "67400",
      "base_volume": "7.414",
      "target_volume": "0.00011",
      "trade_timestamp": "2024-06-13 06:38:15.474979",
      "type": "buy"
    },
    {
      "trade_id": 84847135,
      "price": "69472.13925",
      "base_volume": "99.345159",
      "target_volume": "0.00143",
      "trade_timestamp": "2024-05-23 06:36:45.885378",
      "type": "buy"
    },
    {
      "trade_id": 80195485,
      "price": "66108.132229",
      "base_volume": "33.054066",
      "target_volume": "0.0005",
      "trade_timestamp": "2024-04-22 10:17:01.928573",
      "type": "buy"
    }
  ],
}
```

```
{
  "trade_id": 71604371,
  "price": "61468.16271964",
  "base_volume": "49002.41932",
  "target_volume": "0.7972",
  "trade_timestamp": "2024-02-29 22:02:53.684983",
  "type": "buy"
},
{
  "trade_id": 70662409,
  "price": "50953.120486",
  "base_volume": "15.285936",
  "target_volume": "0.0003",
  "trade_timestamp": "2024-02-26 09:53:51.205222",
  "type": "buy"
},
{
  "trade_id": 70650556,
  "price": "51377.108209",
  "base_volume": "16.440675",
  "target_volume": "0.00032",
  "trade_timestamp": "2024-02-26 07:40:27.625871",
  "type": "buy"
}
],
"sell": [
  {
    "trade_id": 82412713,
    "price": "62437.85578493",
    "base_volume": "62437.855785",
    "target_volume": "1",
    "trade_timestamp": "2024-05-08 08:28:34.944453",
    "type": "sell"
  },
  {
    "trade_id": 81341686,
    "price": "63533.82305",
    "base_volume": "108.007499",
    "target_volume": "0.0017",
    "trade_timestamp": "2024-04-30 07:39:37.74523",
    "type": "sell"
  },
  {
    "trade_id": 77495466,
    "price": "66871.857863",
    "base_volume": "133.743716",
    "target_volume": "0.002",
    "trade_timestamp": "2024-04-05 07:57:13.973687",
    "type": "sell"
  },
  {
    "trade_id": 69800027,
    "price": "51896.822602",
    "base_volume": "36.327776",
    "target_volume": "0.0007",
    "trade_timestamp": "2024-02-20 15:07:09.877341",
    "type": "sell"
  }
]
```

```

        "trade_id": 69624594,
        "price": "52332.891966",
        "base_volume": "26.166446",
        "target_volume": "0.0005",
        "trade_timestamp": "2024-02-19 12:39:52.386722",
        "type": "sell"
    },
    {
        "trade_id": 69197280,
        "price": "51700",
        "base_volume": "10.34",
        "target_volume": "0.0002",
        "trade_timestamp": "2024-02-16 15:16:36.507069",
        "type": "sell"
    },
    {
        "trade_id": 69196997,
        "price": "51607.817594",
        "base_volume": "15.482345",
        "target_volume": "0.0003",
        "trade_timestamp": "2024-02-16 15:14:43.741733",
        "type": "sell"
    },
    {
        "trade_id": 67798294,
        "price": "42859.59295955",
        "base_volume": "214297.964798",
        "target_volume": "5",
        "trade_timestamp": "2024-02-06 14:25:55.839118",
        "type": "sell"
    },
    {
        "trade_id": 67023288,
        "price": "43022",
        "base_volume": "31.83628",
        "target_volume": "0.00074",
        "trade_timestamp": "2024-01-31 15:30:08.471304",
        "type": "sell"
    },
    {
        "trade_id": 66897885,
        "price": "43463.911907",
        "base_volume": "17.385565",
        "target_volume": "0.0004",
        "trade_timestamp": "2024-01-30 18:41:56.593291",
        "type": "sell"
    }
]
}

```

Endpoint 3 - /orderbook (Order book depth details)

The /orderbook/ticker_id endpoint is to provide order book information with at least depth = 100 (50 each side) returned for a given market pair/ticker.

Sample request URL-

https://trade.samaresh.com/api/coingecko/orderbook?ticker_id=BTC_USD&depth=10

Response-

```
{
  "ticker_id": "BTC_USD",
  "timestamp": "1731496308248",
  "bids": [
    [
      "87523.101313",
      "0.1705"
    ],
    [
      "87523.097594",
      "0.0563"
    ],
    [
      "87523.084997",
      "0.105"
    ],
    [
      "87523.067573",
      "0.1114"
    ],
    [
      "87523.050989",
      "0.16812"
    ],
    [
      "87523.049356",
      "0.1374"
    ],
    [
      "87523.030423",
      "0.0964"
    ],
    [
      "87522.98742",
      "0.1787"
    ],
    [
      "87522.963161",
      "0.17717"
    ],
    [
      "87522.930523",
      "0.1"
    ]
  ],
  "asks": [
    [
      "87525.886117",
      "0.052"
    ],
    [
      "87525.889612",

```

```

    "0.031"
  ],
  [
    "87525.925288",
    "0.2"
  ],
  [
    "87526.046059",
    "0.1"
  ],
  [
    "87526.048174",
    "0.17847"
  ],
  [
    "87526.07384",
    "0.07842"
  ],
  [
    "87526.094225",
    "0.01"
  ],
  [
    "87526.100749",
    "0.1"
  ],
  [
    "87526.128993",
    "0.08"
  ],
  [
    "87526.151317",
    "0.13"
  ]
]
}

```

B. Derivative Exchanges

Endpoint 1 - /contracts (info & types of products available)

The /contracts endpoint provides a summary of all contracts traded on the exchange. There should be a clear distinction between the type of contracts such as perpetual, futures, options, etc. See below for specifications of data required for the /contracts endpoint:

Sample request URL- <https://trade.samaresh.com/api/contracts>

Response-

```

[
  {
    "ticker_id": "XRPUSD_PERP",
    "base_currency": "USD",

```

```

    "quote_currency": "XRP",
    "last_price": 0.67261297,
    "base_volume": 321723.64,
    "usd_volume": 321723.64,
    "quote_volume": 321723.64,
    "bid": 0.6691896,
    "ask": 0.67361151,
    "high": 0.67331135,
    "low": 0.65988818,
    "product_type": "Perpetual",
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Endpoint 3 - /orderbook (Order book depth details)

The /orderbook/ticker_id endpoint is to provide order book information with at least depth = 100 (50 each side) returned for a given market pair/ticker. See below for specifications of data required for the /orderbook endpoint:

Sample request URL- https://trade.samaresh.com/api/contract_depth/LINKUSDT_PERP

Response-

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