

news api

```
import requests

url =
"https://reuters-business-and-financial-news.p.rapidapi.com/market-
rics/list-rics-by-asset-and-category/1/1"

headers = {
    "x-rapidapi-key":
    "0366092ba6mshe87fbeb9194cd76p1c4ab9jsnc059efff2478",
    "x-rapidapi-host": "reuters-business-and-financial-
news.p.rapidapi.com"
}

response = requests.get(url, headers=headers)
result = response.json()
print(response.json())

{'statusCode': 200, 'marketAsset': 'Commodities', 'marketCategory':
'Agriculture', 'assetData': [{'typeName': 'Commodity Future', 'rics':
['Cc1', 'Wc1', 'Sc1', 'FCP0c1', 'NSBc1', 'NRSc1', 'SBc1', 'KCc1',
'CCc1', 'CTc1', 'LBc1', 'OJc1', 'JRUC1', 'LBc1', 'JRUC1', 'JRUC1',
'LBc1', 'Cc1', 'Wc1', 'FCP0c1', 'Sc1', 'FCP0c1', 'NSBc1', 'NRSc1',
'SBc1', 'KCc1', 'CCc1', 'CTc1', 'LBc1', 'OJc1', 'JRUC1', 'LBc1']}]}]

import pandas as pd
newsdata = pd.DataFrame(result)
newsdata.head()

   statusCode  marketAsset marketCategory \
0           200   Commodities   Agriculture

                                     assetData
0  {'typeName': 'Commodity Future', 'rics': ['Cc1...
```

```
newsdata.to_csv(r"C:\my files\rapido.csv")

import requests
page = requests.get("https://randomfox.ca/floof")

print(page)

<Response [200]>

result = page.json()
print(result)

{'image': 'https://randomfox.ca/images/104.jpg', 'link':
'https://randomfox.ca/?i=104'}
```

```
result["image"]  
'https://randomfox.ca/images/104.jpg'
```

weather api

```
import requests  
  
page = requests.get('http://api.weatherapi.com/v1/current.json?  
key=5336e6c1f50044b4bf285935252003&q=Tumkur')  
  
print(page)  
  
<Response [200]>  
  
result = page.json()  
print(result)  
  
{'location': {'name': 'Tumkur', 'region': 'Karnataka', 'country':  
'India', 'lat': 13.3422, 'lon': 77.1017, 'tz_id': 'Asia/Kolkata',  
'localtime_epoch': 1742464785, 'localtime': '2025-03-20 15:29'},  
'current': {'last_updated_epoch': 1742463900, 'last_updated': '2025-  
03-20 15:15', 'temp_c': 34.7, 'temp_f': 94.4, 'is_day': 1,  
'condition': {'text': 'Sunny', 'icon':  
'//cdn.weatherapi.com/weather/64x64/day/113.png', 'code': 1000},  
'wind_mph': 8.9, 'wind_kph': 14.4, 'wind_degree': 115, 'wind_dir':  
'ESE', 'pressure_mb': 1010.0, 'pressure_in': 29.82, 'precip_mm': 0.0,  
'precip_in': 0.0, 'humidity': 16, 'cloud': 4, 'feelslike_c': 32.8,  
'feelslike_f': 91.0, 'windchill_c': 34.7, 'windchill_f': 94.4,  
'heatindex_c': 32.8, 'heatindex_f': 91.0, 'dewpoint_c': 5.5,  
'dewpoint_f': 41.9, 'vis_km': 10.0, 'vis_miles': 6.0, 'uv': 5.3,  
'gust_mph': 10.3, 'gust_kph': 16.6}}  
  
import requests  
  
page = requests.get('https://api.coincap.io/v2/assets')  
  
print(page)  
  
<Response [200]>  
  
res = page.json()  
print(res)  
  
{'data': [{'id': 'bitcoin', 'rank': '1', 'symbol': 'BTC', 'name':  
'Bitcoin', 'supply': '19839400.000000000000000000', 'maxSupply':  
'21000000.000000000000000000', 'marketCapUsd':  
'1703624465583.7318028789872200', 'volumeUsd24Hr':  
'10141491358.5569542210115864', 'priceUsd': '85870.7655263632873413',  
'changePercent24Hr': '2.8551634101947795', 'vwap24Hr':  
'85201.0651284456121972', 'explorer': 'https://blockchain.info/'},  
{'id': 'ethereum', 'rank': '2', 'symbol': 'ETH', 'name': 'Ethereum',
```

```
'supply': '120629195.4269564900000000', 'maxSupply': None,
'marketCapUsd': '241878442707.8441621012277324', 'volumeUsd24Hr':
'6621521654.7663726314683607', 'priceUsd': '2005.1401474720656370',
'changePercent24Hr': '3.2718447770705386', 'vwap24Hr':
'2023.0357853491439004', 'explorer': 'https://etherscan.io/', {'id':
'xrp', 'rank': '3', 'symbol': 'XRP', 'name': 'XRP', 'supply':
'58108919817.0000000000000000', 'maxSupply':
'100000000000.0000000000000000', 'marketCapUsd':
'145776030025.7492526890418213', 'volumeUsd24Hr':
'3365388339.2440749858546037', 'priceUsd': '2.5086687290838589',
'changePercent24Hr': '8.4747774776893298', 'vwap24Hr':
'2.4898083714762087', 'explorer':
'https://xrpcharts.ripple.com/#/graph/', {'id': 'tether', 'rank':
'4', 'symbol': 'USDT', 'name': 'Tether', 'supply':
'143653509034.0653000000000000', 'maxSupply': None, 'marketCapUsd':
'143725557538.7823927347936911', 'volumeUsd24Hr':
'24653524641.9388553438688903', 'priceUsd': '1.0005015436462468',
'changePercent24Hr': '0.1392938830401784', 'vwap24Hr':
'0.9999677996084417', 'explorer':
'https://www.omniexplorer.info/asset/31', {'id': 'binance-coin',
'rank': '5', 'symbol': 'BNB', 'name': 'BNB', 'supply':
'144006830.0000000000000000', 'maxSupply':
'144006830.0000000000000000', 'marketCapUsd':
'91526615556.1936422713777770', 'volumeUsd24Hr':
'556215514.8158287889500016', 'priceUsd': '635.5713514157185619',
'changePercent24Hr': '3.4484147629585301', 'vwap24Hr':
'617.6091689478402690', 'explorer':
'https://etherscan.io/token/0xB8c77482e45F1F44dE1745F52C74426C631bDD52
'}, {'id': 'solana', 'rank': '6', 'symbol': 'SOL', 'name': 'Solana',
'supply': '510156044.0299182000000000', 'maxSupply': None,
'marketCapUsd': '68052043798.2925966455760411', 'volumeUsd24Hr':
'1397676215.9702512504405030', 'priceUsd': '133.3945654367307101',
'changePercent24Hr': '5.4098223225652080', 'vwap24Hr':
'131.8182369120447460', 'explorer': 'https://explorer.solana.com/',
{'id': 'usd-coin', 'rank': '7', 'symbol': 'USDC', 'name': 'USDC',
'supply': '59242276090.4832400000000000', 'maxSupply': None,
'marketCapUsd': '59254581935.9512727087613506', 'volumeUsd24Hr':
'6701398922.2498362689036779', 'priceUsd': '1.0002077206731429',
'changePercent24Hr': '0.0511453115948541', 'vwap24Hr':
'0.9998569744587769', 'explorer':
'https://etherscan.io/token/0xa0b86991c6218b36c1d19d4a2e9eb0ce3606eb48
'}, {'id': 'dogecoin', 'rank': '8', 'symbol': 'DOGE', 'name':
'Dogecoin', 'supply': '148504846383.7052600000000000', 'maxSupply':
None, 'marketCapUsd': '25872455385.3528416640071308', 'volumeUsd24Hr':
'426779611.7094766521415533', 'priceUsd': '0.1742196030323742',
'changePercent24Hr': '3.7696219726959215', 'vwap24Hr':
'0.1733576565824764', 'explorer':
'http://dogechain.info/chain/Dogecoin'}, {'id': 'cardano', 'rank':
'9', 'symbol': 'ADA', 'name': 'Cardano', 'supply':
```

```
'35234797228.4508800000000000', 'maxSupply':  
'45000000000.0000000000000000', 'marketCapUsd':  
'25820652379.5020660464071016', 'volumeUsd24Hr':  
'507268499.8377698050245298', 'priceUsd': '0.7328168291160984',  
'changePercent24Hr': '2.4777739088431049', 'vwap24Hr':  
'0.7322035012709807', 'explorer': 'https://cardanoexplorer.com/'}},  
{'id': 'tron', 'rank': '10', 'symbol': 'TRX', 'name': 'TRON',  
'supply': '95016082389.9211600000000000', 'maxSupply': None,  
'marketCapUsd': '21810927048.3899909753342342', 'volumeUsd24Hr':  
'302202418.4513516047304313', 'priceUsd': '0.2295498456659542',  
'changePercent24Hr': '-0.0932076817469805', 'vwap24Hr':  
'0.2307190105896851', 'explorer': 'https://tronscan.org/#/'}, {'id':  
'steth', 'rank': '11', 'symbol': 'STETH', 'name': 'Lido Staked ETH',  
'supply': '9331071.7969305600000000', 'maxSupply': None,  
'marketCapUsd': '18816188119.9000414430369246', 'volumeUsd24Hr':  
'2204829.7484266716815825', 'priceUsd': '2016.5087708455521824',  
'changePercent24Hr': '4.1455447402806493', 'vwap24Hr':  
'2027.8022289274514320', 'explorer':  
'https://etherscan.io/token/0xae7ab96520de3a18e5e11b5eaab095312d7fe84  
'}, {'id': 'wrapped-bitcoin', 'rank': '12', 'symbol': 'WBTC', 'name':  
'Wrapped Bitcoin', 'supply': '129077.4055218900000000', 'maxSupply':  
None, 'marketCapUsd': '11048585595.0967063822495353', 'volumeUsd24Hr':  
'211578315.9620024321678941', 'priceUsd': '85596.5887323556178459',  
'changePercent24Hr': '2.7976170495277118', 'vwap24Hr':  
'84722.7711034484265154', 'explorer':  
'https://etherscan.io/token/0x2260fac5e5542a773aa44fbcfedf7c193bc2c599  
'}, {'id': 'chainlink', 'rank': '13', 'symbol': 'LINK', 'name':  
'Chainlink', 'supply': '657099970.4527867000000000', 'maxSupply':  
None, 'marketCapUsd': '9620016643.0012534315480382', 'volumeUsd24Hr':  
'232200942.9486819998200550', 'priceUsd': '14.6401112092158607',  
'changePercent24Hr': '4.3541566507452073', 'vwap24Hr':  
'14.5681670352369304', 'explorer':  
'https://etherscan.io/token/0x514910771af9ca656af840dff83e8264ecf986ca  
'}, {'id': 'unus-sed-leo', 'rank': '14', 'symbol': 'LEO', 'name':  
'UNUS SED LEO', 'supply': '923901567.9000000000000000', 'maxSupply':  
None, 'marketCapUsd': '9030206777.5965629822936906', 'volumeUsd24Hr':  
'427337.3209802369197925', 'priceUsd': '9.7739922642646302',  
'changePercent24Hr': '0.0325105254545445', 'vwap24Hr':  
'9.8285057068678064', 'explorer':  
'https://eospark.com/account/bitfinexleo1'}, {'id': 'tontoken',  
'rank': '15', 'symbol': 'TON', 'name': 'Toncoin', 'supply':  
'2476378413.2700000000000000', 'maxSupply':  
'5047558527.7000000000000000', 'marketCapUsd':  
'9023896335.1266047718895824', 'volumeUsd24Hr':  
'77984495.5177613040893373', 'priceUsd': '3.6439892573650567',  
'changePercent24Hr': '1.5937335306972539', 'vwap24Hr':  
'3.6549872216970479', 'explorer': 'https://tonscan.org/'}, {'id':  
'stellar', 'rank': '16', 'symbol': 'XLM', 'name': 'Stellar', 'supply':  
'30754554606.4495930000000000', 'maxSupply':
```

```
'50001806812.0000000000000000', 'marketCapUsd':  
'8845421569.1932721122207405', 'volumeUsd24Hr':  
'167272550.4282466665292881', 'priceUsd': '0.2876133854768387',  
'changePercent24Hr': '3.7165416558429852', 'vwap24Hr':  
'0.2883590850471504', 'explorer': 'https://dashboard.stellar.org/'}},  
{'id': 'hedera-hashgraph', 'rank': '17', 'symbol': 'HBAR', 'name':  
'Hedera', 'supply': '41903956526.0000000000000000', 'maxSupply':  
'50000000000.0000000000000000', 'marketCapUsd':  
'8139787946.0304132019970280', 'volumeUsd24Hr':  
'109131383.4673578509099082', 'priceUsd': '0.1942486729380780',  
'changePercent24Hr': '2.7524646023061564', 'vwap24Hr':  
'0.1939893448973065', 'explorer':  
'https://app.dragonglass.me/hedera/home'}}, {'id': 'avalanche', 'rank':  
'18', 'symbol': 'AVAX', 'name': 'Avalanche', 'supply':  
'414456636.6751344000000000', 'maxSupply':  
'715748719.0000000000000000', 'marketCapUsd':  
'7910293336.5720191057959787', 'volumeUsd24Hr':  
'139878923.8308251618219667', 'priceUsd': '19.0859371924411565',  
'changePercent24Hr': '-0.1336022963524795', 'vwap24Hr':  
'19.5214952584704998', 'explorer': 'https://avascan.info/'}}, {'id':  
'sui', 'rank': '19', 'symbol': 'SUI', 'name': 'Sui', 'supply':  
'3169845047.4838877000000000', 'maxSupply':  
'10000000000.0000000000000000', 'marketCapUsd':  
'7843906341.3434930193798899', 'volumeUsd24Hr':  
'498905634.3806953830388977', 'priceUsd': '2.4745393619696685',  
'changePercent24Hr': '6.7182387229914155', 'vwap24Hr':  
'2.4096721497272037', 'explorer': 'https://suiexplorer.com/'}}, {'id':  
'shiba-inu', 'rank': '20', 'symbol': 'SHIB', 'name': 'Shiba Inu',  
'supply': '589252943029396.8000000000000000', 'maxSupply':  
'589552695333683.0000000000000000', 'marketCapUsd':  
'7609189920.2926455566231976', 'volumeUsd24Hr':  
'59988670.7522697050217136', 'priceUsd': '0.0000129132828445',  
'changePercent24Hr': '2.5913879784711299', 'vwap24Hr':  
'0.0000128033871841', 'explorer':  
'https://etherscan.io/token/0x95ad61b0a150d79219dcf64e1e6cc01f0b64c4ce  
'}}, {'id': 'litecoin', 'rank': '21', 'symbol': 'LTC', 'name':  
'Litecoin', 'supply': '75558468.3040892000000000', 'maxSupply':  
'84000000.0000000000000000', 'marketCapUsd':  
'6987557286.0909355457794928', 'volumeUsd24Hr':  
'217840958.1323960640112132', 'priceUsd': '92.4788106869653311',  
'changePercent24Hr': '2.2302217957672947', 'vwap24Hr':  
'92.3511014296305310', 'explorer':  
'http://explorer.litecoin.net/chain/Litecoin'}}, {'id': 'bitcoin-cash',  
'rank': '22', 'symbol': 'BCH', 'name': 'Bitcoin Cash', 'supply':  
'19844653.1250000000000000', 'maxSupply': '21000000.0000000000000000',  
'marketCapUsd': '6862612564.8966354265884038', 'volumeUsd24Hr':  
'80564690.0099230587812424', 'priceUsd': '345.8167054707153228',  
'changePercent24Hr': '3.4857288162141973', 'vwap24Hr':  
'342.0240846321819085', 'explorer': 'https://blockchair.com/bitcoin-
```

```
cash/blocks'}, {'id': 'polkadot', 'rank': '23', 'symbol': 'DOT',  
'name': 'Polkadot', 'supply': '1522267060.000000000000000000',  
'maxSupply': None, 'marketCapUsd': '6783136300.2585377132910160',  
'volumeUsd24Hr': '97509468.7218803866968685', 'priceUsd':  
'4.4559436898401636', 'changePercent24Hr': '-1.2255948274914563',  
'vwap24Hr': '4.5182142085488888', 'explorer':  
'https://polkascan.io/polkadot'}, {'id': 'weth', 'rank': '24',  
'symbol': 'WETH', 'name': 'Wrapped ETH', 'supply':  
'3375317.590000000000000000', 'maxSupply': None, 'marketCapUsd':  
'6765977056.7834753002733876', 'volumeUsd24Hr':  
'550866776.9775825883211644', 'priceUsd': '2004.5453135518057429',  
'changePercent24Hr': '3.2149052853842173', 'vwap24Hr': None,  
'explorer':  
'https://etherscan.io/token/0xc02aaa39b223fe8d0a0e5c4f27ead9083c756cc2  
'}, {'id': 'mantra-dao', 'rank': '25', 'symbol': 'OM', 'name':  
'Mantra', 'supply': '974778351.819999700000000000', 'maxSupply':  
'888888888.000000000000000000', 'marketCapUsd':  
'6679438198.4541404524866334', 'volumeUsd24Hr':  
'86191051.2781931778431379', 'priceUsd': '6.8522635796979106',  
'changePercent24Hr': '-0.1384014260367878', 'vwap24Hr':  
'6.7212529141118881', 'explorer':  
'https://etherscan.io/token/0x3593d125a4f7849a1b059e64f4517a86dd60c95d  
'}, {'id': 'ethena-usde', 'rank': '26', 'symbol': 'USDE', 'name':  
'Ethena USDe', 'supply': '5414093569.960837000000000000', 'maxSupply':  
None, 'marketCapUsd': '5414597207.4434137088589041', 'volumeUsd24Hr':  
'17582732.9222318779740479', 'priceUsd': '1.0000930234167675',  
'changePercent24Hr': '0.0475703608741990', 'vwap24Hr': None,  
'explorer': 'etherscan.io'}, {'id': 'multi-collateral-dai', 'rank':  
'27', 'symbol': 'DAI', 'name': 'Dai', 'supply':  
'5365382702.664872000000000000', 'maxSupply': None, 'marketCapUsd':  
'5365270513.5358901357934268', 'volumeUsd24Hr':  
'136889049.3268337410858383', 'priceUsd': '0.9999790901907284',  
'changePercent24Hr': '-0.0011462933814118', 'vwap24Hr':  
'1.0002753860778906', 'explorer':  
'https://etherscan.io/token/0x89d24a6b4ccb1b6faa2625fe562bdd9a23260359  
'}, {'id': 'hyperliquid', 'rank': '28', 'symbol': 'HYPE', 'name':  
'Hyperliquid', 'supply': '333928180.000000000000000000', 'maxSupply':  
'1000000000.000000000000000000', 'marketCapUsd':  
'4943746925.210223983768960', 'volumeUsd24Hr':  
'30891898.4141010101440647', 'priceUsd': '14.8048209803983072',  
'changePercent24Hr': '2.4194807984065954', 'vwap24Hr':  
'15.0286301395665930', 'explorer':  
'https://app.hyperliquid.xyz/explorer/token/0x0d01dc56dcaaca66ad901c95  
9b4011ec'}, {'id': 'uniswap', 'rank': '29', 'symbol': 'UNI', 'name':  
'Uniswap', 'supply': '600585117.710000000000000000', 'maxSupply': None,  
'marketCapUsd': '4130213035.7519849105140020', 'volumeUsd24Hr':  
'170929019.9887675365242664', 'priceUsd': '6.8769819863340498',  
'changePercent24Hr': '8.3847966380214746', 'vwap24Hr':  
'6.8417261722158541', 'explorer':
```

```
'https://etherscan.io/token/0x1f9840a85d5af5bf1d1762f925bdaddc4201f984
'}, {'id': 'monero', 'rank': '30', 'symbol': 'XMR', 'name': 'Monero',
'supply': '18446744.073709550000000000', 'maxSupply': None,
'marketCapUsd': '3871350293.9270890678511851', 'volumeUsd24Hr':
'41279320.9826521433559683', 'priceUsd': '209.8663199564073239',
'changePercent24Hr': '0.3757759083212372', 'vwap24Hr':
'207.3982853017553622', 'explorer': 'http://moneroblocks.info/'},
{'id': 'aptos', 'rank': '31', 'symbol': 'APT', 'name': 'Aptos',
'supply': '602951960.526602600000000000', 'maxSupply': None,
'marketCapUsd': '3310089145.2621763345632729', 'volumeUsd24Hr':
'42565397.8292840220647470', 'priceUsd': '5.4898057589384573',
'changePercent24Hr': '-0.1631931095296357', 'vwap24Hr':
'5.5548363509543856', 'explorer': 'https://explorer.aptoslabs.com/'},
{'id': 'near-protocol', 'rank': '32', 'symbol': 'NEAR', 'name': 'Near
Protocol', 'supply': '1196157059.000000000000000000', 'maxSupply': None,
'marketCapUsd': '3276552288.8413601567228869', 'volumeUsd24Hr':
'104419618.0598210949249036', 'priceUsd': '2.7392324980973591',
'changePercent24Hr': '5.0867962093353657', 'vwap24Hr':
'2.7223992223459794', 'explorer':
'https://explorer.nearprotocol.com/'}, {'id': 'pepe', 'rank': '33',
'symbol': 'PEPE', 'name': 'Pepe', 'supply':
'420689899653543.560000000000000000', 'maxSupply':
'4206900000000000.000000000000000000', 'marketCapUsd':
'3191074562.1275638185087942', 'volumeUsd24Hr':
'462694341.4109546018742367', 'priceUsd': '0.0000075853367641',
'changePercent24Hr': '3.9775534954085104', 'vwap24Hr':
'0.0000074014846356', 'explorer':
'https://etherscan.io/token/0x6982508145454ce325ddb47a25d4ec3d2311933
'}, {'id': 'okb', 'rank': '34', 'symbol': 'OKB', 'name': 'OKB',
'supply': '60000000.000000000000000000', 'maxSupply': None,
'marketCapUsd': '3105908355.338368182000000000', 'volumeUsd24Hr':
'292599.3240302641578445', 'priceUsd': '51.7651392556394697',
'changePercent24Hr': '-1.2613480618571361', 'vwap24Hr':
'52.5864780814697129', 'explorer':
'https://etherscan.io/token/0x75231f58b43240c9718dd58b4967c5114342a86c
'}, {'id': 'internet-computer', 'rank': '35', 'symbol': 'ICP', 'name':
'Internet Computer', 'supply': '481770532.749842900000000000',
'maxSupply': None, 'marketCapUsd': '2842413097.4201491827934488',
'volumeUsd24Hr': '26773197.8364584757916867', 'priceUsd':
'5.8999314075858162', 'changePercent24Hr': '1.2979618668033298',
'vwap24Hr': '5.9138777234348518', 'explorer':
'https://www.dfinityexplorer.org/#/'}, {'id': 'ondo-finance', 'rank':
'36', 'symbol': 'ONDO', 'name': 'Ondo', 'supply':
'3159107529.000000000000000000', 'maxSupply': None, 'marketCapUsd':
'2761111138.8516929715398871', 'volumeUsd24Hr':
'111642017.7039515358963364', 'priceUsd': '0.8740161939741599',
'changePercent24Hr': '4.1467542648818034', 'vwap24Hr':
'0.8643848634615368', 'explorer':
'https://etherscan.io/token/0xfAbA6f8e4a5E8Ab82F62fe7C39859FA577269BE3
```

```
{}, {'id': 'ethereum-classic', 'rank': '37', 'symbol': 'ETC', 'name':  
'Ethereum Classic', 'supply': '151189635.09649763000000000',  
'maxSupply': '210700000.00000000000000000', 'marketCapUsd':  
'2735914163.9579359225956546', 'volumeUsd24Hr':  
'57089861.2971153730060029', 'priceUsd': '18.0959108884132395',  
'changePercent24Hr': '1.1184945082001860', 'vwap24Hr':  
'18.3079990677692440', 'explorer': 'http://gastracker.io/'}, {'id':  
'aave', 'rank': '38', 'symbol': 'AAVE', 'name': 'Aave', 'supply':  
'15090171.90088628000000000', 'maxSupply': None, 'marketCapUsd':  
'2674783138.6692902297905005', 'volumeUsd24Hr':  
'146957775.5987549471526743', 'priceUsd': '177.2533246299330860',  
'changePercent24Hr': '3.0283687104678060', 'vwap24Hr':  
'179.6052046170109527', 'explorer':  
'https://etherscan.io/token/0x80fB784B7eD66730e8b1DBd9820aFD29931aab03  
'}, {'id': 'official-trump', 'rank': '39', 'symbol': 'TRUMP', 'name':  
'Trump Official', 'supply': '199999458.41865800000000000', 'maxSupply':  
'999999993.45000000000000000', 'marketCapUsd':  
'2282457974.4689133836152420', 'volumeUsd24Hr':  
'59316068.9824757144078075', 'priceUsd': '11.4123207758445725',  
'changePercent24Hr': '3.7975928680527508', 'vwap24Hr':  
'11.3213389444469846', 'explorer':  
'https://solscan.io/token/6p6xgHyF7AeE6TZkSmFsko444wqoP15icUSqi2jfGiPN  
'}, {'id': 'vechain', 'rank': '40', 'symbol': 'VET', 'name':  
'VeChain', 'supply': '85985041177.00000000000000000', 'maxSupply':  
'86712634466.00000000000000000', 'marketCapUsd':  
'2269597564.1264031134882567', 'volumeUsd24Hr':  
'40339059.8245730458406011', 'priceUsd': '0.0263952605367071',  
'changePercent24Hr': '3.2511128775336349', 'vwap24Hr':  
'0.0264357546995426', 'explorer': 'https://explore.veforge.com/'},  
{ 'id': 'bittensor', 'rank': '41', 'symbol': 'TAO', 'name':  
'Bittensor', 'supply': '8477596.00000000000000000', 'maxSupply':  
'21000000.00000000000000000', 'marketCapUsd':  
'2212699937.5297623615853652', 'volumeUsd24Hr':  
'65715686.5942662250101015', 'priceUsd': '261.0055890289844387',  
'changePercent24Hr': '4.5814144333474183', 'vwap24Hr':  
'256.8523691309973469', 'explorer': 'https://bittensor.com/scan'},  
{ 'id': 'first-digital-usd', 'rank': '42', 'symbol': 'FDUSD', 'name':  
'First Digital USD', 'supply': '2174390084.12788800000000000',  
'maxSupply': None, 'marketCapUsd': '2172632610.8316886510532857',  
'volumeUsd24Hr': '896764965.7788477584017219', 'priceUsd':  
'0.9991917396473484', 'changePercent24Hr': '0.0328854673250362',  
'vwap24Hr': '0.9990561152018730', 'explorer': None}, { 'id': 'kasper',  
'rank': '43', 'symbol': 'KAS', 'name': 'Kaspa', 'supply':  
'25887954645.69742200000000000', 'maxSupply':  
'28704026601.00000000000000000', 'marketCapUsd':  
'2083160217.0119534006622859', 'volumeUsd24Hr':  
'25901148.0828693427416881', 'priceUsd': '0.0804683199396046',  
'changePercent24Hr': '2.4182083998294448', 'vwap24Hr':  
'0.0809263590980521', 'explorer': 'https://explorer.kaspa.org/'},
```



```
{'id': 'crypto-com-coin', 'rank': '44', 'symbol': 'CRO', 'name':  
'Cronos', 'supply': '25263013692.000000000000000000', 'maxSupply':  
'30263013692.000000000000000000', 'marketCapUsd':  
'2040862228.1712995252462988', 'volumeUsd24Hr':  
'11929334.3510960426290731', 'priceUsd': '0.0807845909855789',  
'changePercent24Hr': '2.3623872817212309', 'vwap24Hr':  
'0.0804642757530825', 'explorer':  
'https://etherscan.io/token/0xa0b73e1ff0b80914ab6fe0444e65848c4c34450b  
'}, {'id': 'filecoin', 'rank': '45', 'symbol': 'FIL', 'name':  
'Filecoin', 'supply': '645033147.000000000000000000', 'maxSupply': None,  
'marketCapUsd': '1967255207.9015511894283329', 'volumeUsd24Hr':  
'65551463.9491427069878431', 'priceUsd': '3.0498513402777907',  
'changePercent24Hr': '3.9412365070092673', 'vwap24Hr':  
'3.0136524542886570', 'explorer': 'https://protocol.ai'}, {'id':  
'gatetoken', 'rank': '46', 'symbol': 'GT', 'name': 'GateToken',  
'supply': '85845250.118131490000000000', 'maxSupply': None,  
'marketCapUsd': '1957629406.8767381142871923', 'volumeUsd24Hr':  
'44112322.2318700595401077', 'priceUsd': '22.8041668488687249',  
'changePercent24Hr': '2.4219759320832005', 'vwap24Hr':  
'22.6993930083077854', 'explorer': None}, {'id': 'polygon-ecosystem-  
token', 'rank': '47', 'symbol': 'POL', 'name': 'POL (prev. MATIC)',  
'supply': '8625238091.990881000000000000', 'maxSupply': None,  
'marketCapUsd': '1874884676.1041339436404385', 'volumeUsd24Hr':  
'33401716.4448305174331124', 'priceUsd': '0.2173719329377228',  
'changePercent24Hr': '2.4004427113792680', 'vwap24Hr':  
'0.2166153131126612', 'explorer':  
'https://etherscan.io/token/0x455e53CBB86018Ac2B8092FdCd39d8444aFFC3F6  
'}, {'id': 'celestia', 'rank': '48', 'symbol': 'TIA', 'name':  
'Celestia', 'supply': '567415978.489189000000000000', 'maxSupply': None,  
'marketCapUsd': '1871916848.2064498240509994', 'volumeUsd24Hr':  
'46527979.0844806678884300', 'priceUsd': '3.2990203293016986',  
'changePercent24Hr': '1.0306659712958131', 'vwap24Hr':  
'3.3329707402787502', 'explorer': 'https://www.mintscan.io/celestia'},  
{'id': 'cosmos', 'rank': '49', 'symbol': 'ATOM', 'name': 'Cosmos',  
'supply': '390934204.000000000000000000', 'maxSupply': None,  
'marketCapUsd': '1846589295.2614142536945604', 'volumeUsd24Hr':  
'50151689.4858700279998532', 'priceUsd': '4.7235296281760351',  
'changePercent24Hr': '2.4372381276169183', 'vwap24Hr':  
'4.6823031293846678', 'explorer': 'https://www.mintscan.io/'}, {'id':  
'arbitrum', 'rank': '50', 'symbol': 'ARB', 'name': 'Arbitrum',  
'supply': '4617913336.000000000000000000', 'maxSupply': None,  
'marketCapUsd': '1728268318.3084095616350192', 'volumeUsd24Hr':  
'78458463.2823692784319183', 'priceUsd': '0.3742530863096322',  
'changePercent24Hr': '1.5079964459522728', 'vwap24Hr':  
'0.3787607656604535', 'explorer':  
'https://arbiscan.io/token/0x912CE59144191C1204E64559FE8253a0e49E6548'  
}, {'id': 'render', 'rank': '51', 'symbol': 'RENDER', 'name':  
'Render', 'supply': '517716590.056282640000000000', 'maxSupply':  
'644168762.000000000000000000', 'marketCapUsd':
```

```
'1724159672.6731529795357690', 'volumeUsd24Hr':  
'48270302.4032939707684539', 'priceUsd': '3.3303156703665108',  
'changePercent24Hr': '2.4017446239539143', 'vwap24Hr':  
'3.3464869863620858', 'explorer': None}, {'id': 'algorand', 'rank':  
'52', 'symbol': 'ALGO', 'name': 'Algorand', 'supply':  
'8514781260.119603000000000000', 'maxSupply':  
'10000000000.000000000000000000', 'marketCapUsd':  
'1686199208.4555242989457227', 'volumeUsd24Hr':  
'56755974.9385356165867499', 'priceUsd': '0.1980320053966764',  
'changePercent24Hr': '5.2091532119758294', 'vwap24Hr':  
'0.1968365006792353', 'explorer': 'https://algoexplorer.io/'}, {'id':  
'dexe', 'rank': '53', 'symbol': 'DEXE', 'name': 'DeXe', 'supply':  
'83733347.497996430000000000', 'maxSupply': None, 'marketCapUsd':  
'1612440291.5023417260122205', 'volumeUsd24Hr':  
'7686346.9660111807974637', 'priceUsd': '19.2568473575109865',  
'changePercent24Hr': '2.5889365515287674', 'vwap24Hr':  
'18.9217257420279363', 'explorer':  
'https://etherscan.io/token/0xde4EE8057785A7e8e800Db58F9784845A5C2Cbd6  
'}, {'id': 'fantom', 'rank': '54', 'symbol': 'S', 'name': 'Sonic  
(prev. FTM)', 'supply': '2803634835.526592700000000000', 'maxSupply':  
'3175000000.000000000000000000', 'marketCapUsd':  
'1499062946.0219986269345752', 'volumeUsd24Hr':  
'121320153.7210720499693248', 'priceUsd': '0.5346855186083594',  
'changePercent24Hr': '5.7828401035067301', 'vwap24Hr':  
'0.5290256986360328', 'explorer': 'sonicscan.org'}, {'id': 'jupiter',  
'rank': '55', 'symbol': 'JUP', 'name': 'Jupiter', 'supply':  
'2690911111.100000000000000000', 'maxSupply':  
'3000000000.000000000000000000', 'marketCapUsd':  
'1439016360.3722929965166063', 'volumeUsd24Hr':  
'29005230.9654014325684223', 'priceUsd': '0.5347691919054312',  
'changePercent24Hr': '3.6133038006245733', 'vwap24Hr':  
'0.5342652620521797', 'explorer':  
'https://solscan.io/token/JUPyiwrYJFskUPiHa7hkeR8VUtAeFoSYbKedZNSdVcN'  
}, {'id': 'story-protocol', 'rank': '56', 'symbol': 'IP', 'name':  
'Story', 'supply': '250000000.000000000000000000', 'maxSupply': None,  
'marketCapUsd': '1386370079.955036900000000000', 'volumeUsd24Hr':  
'22513092.6031299402458771', 'priceUsd': '5.5454803198201476',  
'changePercent24Hr': '3.9186628681624944', 'vwap24Hr':  
'5.4620682324085321', 'explorer': 'www.storyscan.xyz'}, {'id':  
'kucoin-token', 'rank': '57', 'symbol': 'KCS', 'name': 'KuCoin Token',  
'supply': '122561753.851335640000000000', 'maxSupply':  
'2000000000.000000000000000000', 'marketCapUsd':  
'1375543778.0729482328889698', 'volumeUsd24Hr':  
'885955.5002263249876679', 'priceUsd': '11.2232710029708667',  
'changePercent24Hr': '0.4217086944813895', 'vwap24Hr':  
'11.2703452427436996', 'explorer':  
'https://etherscan.io/token/0xf34960d9d60be18cclD5afclA6f012a723a28811  
'}, {'id': 'fetch', 'rank': '58', 'symbol': 'FET', 'name': 'Artificial  
Superintelligence Alliance', 'supply': '2520000000.000000000000000000',
```

```
'maxSupply': '2630547141.0000000000000000', 'marketCapUsd':  
'1344176044.4421048600000000', 'volumeUsd24Hr':  
'50377817.6373425506070515', 'priceUsd': '0.5334031922389305',  
'changePercent24Hr': '3.0688137397201231', 'vwap24Hr':  
'0.5397344751212573', 'explorer':  
'https://etherscan.io/token/0x1d287cc25dad7ccaf76a26bc660c5f7c8e2a05bd  
'}, {'id': 'ethena', 'rank': '59', 'symbol': 'ENA', 'name': 'Ethena',  
'supply': '3223437500.0000000000000000', 'maxSupply': None,  
'marketCapUsd': '1257635907.6957241331250000', 'volumeUsd24Hr':  
'100435481.8589855967305264', 'priceUsd': '0.3901536504727404',  
'changePercent24Hr': '5.4696682872021750', 'vwap24Hr':  
'0.3880053450366989', 'explorer': None}, {'id': 'xinfin-network',  
'rank': '60', 'symbol': 'XDC', 'name': 'XDC Network', 'supply':  
'15692654414.5500000000000000', 'maxSupply': None, 'marketCapUsd':  
'1111675446.1750609713332011', 'volumeUsd24Hr':  
'26022545.7753891108022994', 'priceUsd': '0.0708404975224798',  
'changePercent24Hr': '5.9982100613642906', 'vwap24Hr':  
'0.0697622865521819', 'explorer':  
'https://etherscan.io/token/0x41ab1b6fcbb2fa9dced81acbdec13ea6315f2bf2  
'}, {'id': 'movement', 'rank': '61', 'symbol': 'MOVE', 'name':  
'Movement', 'supply': '2450000000.0000000000000000', 'maxSupply':  
'10000000000.0000000000000000', 'marketCapUsd':  
'1105378262.7114480750000000', 'volumeUsd24Hr':  
'38681178.7175021430444802', 'priceUsd': '0.4511748011067135',  
'changePercent24Hr': '1.0544536921412776', 'vwap24Hr':  
'0.4508013243380355', 'explorer': None}, {'id': 'maker', 'rank': '62',  
'symbol': 'MKR', 'name': 'Maker', 'supply': '848074.4183746700000000',  
'maxSupply': '1000000.0000000000000000', 'marketCapUsd':  
'1085252020.9532844989727712', 'volumeUsd24Hr':  
'34286468.0991272587577880', 'priceUsd': '1279.6660262824152643',  
'changePercent24Hr': '0.7633509755094752', 'vwap24Hr':  
'1295.5692564164783203', 'explorer':  
'https://etherscan.io/token/Maker'}, {'id': 'worldcoin-org', 'rank':  
'63', 'symbol': 'WLD', 'name': 'Worldcoin', 'supply':  
'1175774097.0720835000000000', 'maxSupply': None, 'marketCapUsd':  
'1056357803.5011971133735922', 'volumeUsd24Hr':  
'60772416.8073548088660503', 'priceUsd': '0.8984360228140276',  
'changePercent24Hr': '5.9428290649375958', 'vwap24Hr':  
'0.8851209613046663', 'explorer': None}, {'id': 'immutable-x', 'rank':  
'64', 'symbol': 'IMX', 'name': 'Immutable X', 'supply':  
'1768317543.3900000000000000', 'maxSupply':  
'2000000000.0000000000000000', 'marketCapUsd':  
'1023305183.5353503589108949', 'volumeUsd24Hr':  
'11559684.4342162397437849', 'priceUsd': '0.5786885886872988',  
'changePercent24Hr': '1.2447472917081416', 'vwap24Hr':  
'0.5837641041851222', 'explorer': None}, {'id': 'stacks', 'rank':  
'65', 'symbol': 'STX', 'name': 'Stacks', 'supply':  
'1517742202.5358600000000000', 'maxSupply':  
'1818000000.0000000000000000', 'marketCapUsd':
```

```
'984113820.3043457687912943', 'volumeUsd24Hr':  
'16052127.0805243421348871', 'priceUsd': '0.6484064412652411',  
'changePercent24Hr': '4.3418646735457469', 'vwap24Hr':  
'0.6484722704257539', 'explorer': 'https://explorer.stacks.co/'}},  
{'id': 'injective-protocol', 'rank': '66', 'symbol': 'INJ', 'name':  
'Injective', 'supply': '98970935.410000000000000000', 'maxSupply':  
'100000000.000000000000000000', 'marketCapUsd':  
'982206889.0046116056352127', 'volumeUsd24Hr':  
'70425391.5051035114149715', 'priceUsd': '9.9241952694060286',  
'changePercent24Hr': '3.3495458246814597', 'vwap24Hr':  
'10.0460811742416822', 'explorer':  
'https://etherscan.io/token/0xe28b3b32b6c345a34ff64674606124dd5aceca30  
'}, {'id': 'sei', 'rank': '67', 'symbol': 'SEI', 'name': 'Sei',  
'supply': '4882361111.000000000000000000', 'maxSupply': None,  
'marketCapUsd': '974458564.2760781547522420', 'volumeUsd24Hr':  
'47415331.4273618440503113', 'priceUsd': '0.1995875647298220',  
'changePercent24Hr': '0.3443261938386520', 'vwap24Hr':  
'0.2015826037181863', 'explorer': None}, {'id': 'quant', 'rank': '68',  
'symbol': 'QNT', 'name': 'Quant', 'supply':  
'12072738.000000000000000000', 'maxSupply': '14881364.000000000000000000',  
'marketCapUsd': '945859901.3177989277588922', 'volumeUsd24Hr':  
'9829454.0337436417607822', 'priceUsd': '78.3467595600765069',  
'changePercent24Hr': '0.7734427769998197', 'vwap24Hr':  
'79.1012781037340239', 'explorer':  
'https://etherscan.io/token/0x4a220e6096b25eadb88358cb44068a3248254675  
'}, {'id': 'theta', 'rank': '69', 'symbol': 'THETA', 'name': 'Theta  
Network', 'supply': '1000000000.000000000000000000', 'maxSupply':  
'1000000000.000000000000000000', 'marketCapUsd':  
'944969908.423710200000000000', 'volumeUsd24Hr':  
'23467145.2366865119814552', 'priceUsd': '0.9449699084237102',  
'changePercent24Hr': '4.2924190276049181', 'vwap24Hr':  
'0.9451528341345720', 'explorer': 'https://explorer.thetatoken.org/'},  
{'id': 'the-graph', 'rank': '70', 'symbol': 'GRT', 'name': 'The  
Graph', 'supply': '9548531509.165474000000000000', 'maxSupply': None,  
'marketCapUsd': '929320626.3268775357484354', 'volumeUsd24Hr':  
'16134266.9642652416901807', 'priceUsd': '0.0973260260423122',  
'changePercent24Hr': '3.0141312145401094', 'vwap24Hr':  
'0.0981456568564136', 'explorer':  
'https://etherscan.io/token/0xc944e90c64b2c07662a292be6244bdf05cda44a7  
'}, {'id': 'flare', 'rank': '71', 'symbol': 'FLR', 'name': 'Flare',  
'supply': '60983663777.010000000000000000', 'maxSupply': None,  
'marketCapUsd': '915499318.0573427824230851', 'volumeUsd24Hr':  
'3189648.3354507907070195', 'priceUsd': '0.0150122059147662',  
'changePercent24Hr': '1.6779065174618991', 'vwap24Hr':  
'0.0151726332909835', 'explorer': 'https://flare-  
explorer.flare.network/'}, {'id': 'bonk1', 'rank': '72', 'symbol':  
'BONK', 'name': 'Bonk', 'supply': '77795920373892.780000000000000000',  
'maxSupply': None, 'marketCapUsd': '906499852.5778137090847874',  
'volumeUsd24Hr': '106272692.4756608653132403', 'priceUsd':  
'0.0000116522800710', 'changePercent24Hr': '8.3014388446638772',
```

```
'vwap24Hr': '0.0000114376193198', 'explorer': None}, {'id': 'eos',
'rank': '73', 'symbol': 'EOS', 'name': 'EOS', 'supply':
'1553582507.9011000000000000', 'maxSupply':
'2100000000.0000000000000000', 'marketCapUsd':
'906450418.5654299738806220', 'volumeUsd24Hr':
'106668652.5777277463691193', 'priceUsd': '0.5834581774417957',
'changePercent24Hr': '1.5346788179551719', 'vwap24Hr':
'0.5763077926984943', 'explorer': 'https://bloks.io/'}, {'id': 'lido-
dao', 'rank': '74', 'symbol': 'LDO', 'name': 'Lido DAO', 'supply':
'897877243.8587132000000000', 'maxSupply': None, 'marketCapUsd':
'905045238.8294094803822563', 'volumeUsd24Hr':
'51778851.2692401999952437', 'priceUsd': '1.0079832683362050',
'changePercent24Hr': '5.8555851950433556', 'vwap24Hr':
'1.0256729944550184', 'explorer':
'https://etherscan.io/token/0x5a98fcbea516cf06857215779fd812ca3bef1b32
'}, {'id': 'paypal-usd', 'rank': '75', 'symbol': 'PYUSD', 'name':
'PayPal USD', 'supply': '791273913.3705820000000000', 'maxSupply':
None, 'marketCapUsd': '790842113.5281866796400782', 'volumeUsd24Hr':
'12678961.9617311766533998', 'priceUsd': '0.9994542978921724',
'changePercent24Hr': '0.0148407695240893', 'vwap24Hr':
'0.9991248989710140', 'explorer':
'https://etherscan.io/token/0x6c3ea9036406852006290770bedfcaba0e23a0e8
'}, {'id': 'gala', 'rank': '76', 'symbol': 'GALA', 'name': 'Gala',
'supply': '43599694188.6795700000000000', 'maxSupply':
'50000000000.0000000000000000', 'marketCapUsd':
'764885367.9143521012177642', 'volumeUsd24Hr':
'34529514.2179785354713491', 'priceUsd': '0.0175433654328922',
'changePercent24Hr': '2.5782568968421659', 'vwap24Hr':
'0.0175032200324268', 'explorer':
'https://ethplorer.io/es/address/0x15d4c048f83bd7e37d49ea4c83a07267ec4
203da#chart=candlestick'}, {'id': 'tether-gold', 'rank': '77',
'symbol': 'XAUT', 'name': 'Tether Gold', 'supply':
'246524.0000000000000000', 'maxSupply': None, 'marketCapUsd':
'751115197.2397463532799336', 'volumeUsd24Hr':
'18270040.2683739970262378', 'priceUsd': '3046.8238274559327014',
'changePercent24Hr': '0.2740969142778669', 'vwap24Hr':
'3044.6598554165287247', 'explorer':
'https://etherscan.io/token/0x4922a015c4407f87432b179bb209e125432e4a2a
'}, {'id': 'tezos', 'rank': '78', 'symbol': 'XTZ', 'name': 'Tezos',
'supply': '1035418674.2712490000000000', 'maxSupply': None,
'marketCapUsd': '749463995.4287078993586732', 'volumeUsd24Hr':
'6905991.5670467116482750', 'priceUsd': '0.7238270025950590',
'changePercent24Hr': '1.7462699016825205', 'vwap24Hr':
'0.7223231517552401', 'explorer': 'https://tzkt.io/'}, {'id':
'pancakeswap', 'rank': '79', 'symbol': 'CAKE', 'name': 'PancakeSwap',
'supply': '292597679.6149452000000000', 'maxSupply':
'450000000.0000000000000000', 'marketCapUsd':
'733408018.3900950226217415', 'volumeUsd24Hr':
'192753234.9578283084992298', 'priceUsd': '2.5065407878669803',
```

```
'changePercent24Hr': '9.1239405205357074', 'vwap24Hr':  
'2.3965529641243874', 'explorer':  
'https://bscscan.com/token/0x0e09fabb73bd3ade0a17ecc321fd13a19e81ce82'  
'}, {'id': 'the-sandbox', 'rank': '80', 'symbol': 'SAND', 'name': 'The  
Sandbox', 'supply': '2469357126.2233224000000000', 'maxSupply': None,  
'marketCapUsd': '720570511.0686875751779696', 'volumeUsd24Hr':  
'26503580.0398260196377074', 'priceUsd': '0.2918049007235906',  
'changePercent24Hr': '1.9267264677405857', 'vwap24Hr':  
'0.2930100050059331', 'explorer':  
'https://etherscan.io/token/0x3845badAde8e6dFF049820680d1F14bD3903a5d0'  
'}, {'id': 'nexo', 'rank': '81', 'symbol': 'NEX0', 'name': 'Nexo',  
'supply': '646145839.5746847000000000', 'maxSupply': None,  
'marketCapUsd': '720384361.6852715046224191', 'volumeUsd24Hr':  
'5660991.0537352034900569', 'priceUsd': '1.1148943745570708',  
'changePercent24Hr': '2.6263345843153718', 'vwap24Hr':  
'1.1132546690333903', 'explorer':  
'https://etherscan.io/token/0xb62132e35a6c13eelee0f84dc5d40bad8d815206'  
'}, {'id': 'jasmy', 'rank': '82', 'symbol': 'JASMY', 'name':  
'JasmyCoin', 'supply': '49444999677.1695800000000000', 'maxSupply':  
'50000000000.0000000000000000', 'marketCapUsd':  
'704478072.7204249036173655', 'volumeUsd24Hr':  
'45984014.5045386155174841', 'priceUsd': '0.0142477111400550',  
'changePercent24Hr': '2.7375554752431455', 'vwap24Hr':  
'0.0142427937668406', 'explorer': None}, {'id': 'bittorrent', 'rank':  
'83', 'symbol': 'BTTOLD', 'name': 'BitTorrent [New]', 'supply':  
'986061142857000.0000000000000000', 'maxSupply': None, 'marketCapUsd':  
'691150321.9643651256642000', 'volumeUsd24Hr':  
'7497441.2750964264890762', 'priceUsd': '0.0000007009203506',  
'changePercent24Hr': '0.5596078353232724', 'vwap24Hr':  
'0.0000007076825912', 'explorer':  
'https://tronscan.org/#/token/1002000'}, {'id': 'iota', 'rank': '84',  
'symbol': 'IOTA', 'name': 'IOTA', 'supply':  
'3688810566.0000000000000000', 'maxSupply': None, 'marketCapUsd':  
'690177473.3238359220705354', 'volumeUsd24Hr':  
'14132802.3101753698980000', 'priceUsd': '0.1871002755428119',  
'changePercent24Hr': '1.8386649938369195', 'vwap24Hr':  
'0.1890498645469617', 'explorer': 'https://thetangle.org/'}, {'id':  
'bitcoin-sv', 'rank': '85', 'symbol': 'BSV', 'name': 'Bitcoin SV',  
'supply': '19840112.5000000000000000', 'maxSupply': None,  
'marketCapUsd': '689862765.5897886536531800', 'volumeUsd24Hr':  
'18822916.6281896227477222', 'priceUsd': '34.7711115846640816',  
'changePercent24Hr': '1.5094316304807417', 'vwap24Hr':  
'34.8986463249710794', 'explorer': 'https://bsvexplorer.io/'}, {'id':  
'flow', 'rank': '86', 'symbol': 'FLOW', 'name': 'Flow', 'supply':  
'1571065878.3134005000000000', 'maxSupply': None, 'marketCapUsd':  
'676151953.5081771300873567', 'volumeUsd24Hr':  
'8334487.7100521763049108', 'priceUsd': '0.4303778491033439',  
'changePercent24Hr': '1.1395107002420927', 'vwap24Hr':  
'0.4342078496567588', 'explorer': 'https://flowscan.org/'}, {'id':
```

```
'jito', 'rank': '87', 'symbol': 'JT0', 'name': 'Jito', 'supply':  
'306702602.6000000000000000', 'maxSupply': None, 'marketCapUsd':  
'666775076.6467299383997277', 'volumeUsd24Hr':  
'20404351.6601259939536369', 'priceUsd': '2.1740117983815568',  
'changePercent24Hr': '1.6247422321698245', 'vwap24Hr':  
'2.1754986237357206', 'explorer':  
'https://solscan.io/token/jtojtomepa8beP8AuQc6eXt5FriJwfFMwQx2v2f9mCL'  
, {'id': 'berachain', 'rank': '88', 'symbol': 'BERA', 'name':  
'Berachain', 'supply': '107480000.0000000000000000', 'maxSupply':  
None, 'marketCapUsd': '663149823.1113652317320000', 'volumeUsd24Hr':  
'55937969.3851870533694716', 'priceUsd': '6.1699834677276259',  
'changePercent24Hr': '2.5423022663928851', 'vwap24Hr':  
'6.1090113147211582', 'explorer': None}, {'id': 'kaia', 'rank': '89',  
'symbol': 'KAIA', 'name': 'Kaia', 'supply':  
'5966455361.8200000000000000', 'maxSupply': None, 'marketCapUsd':  
'656921423.0034091855319559', 'volumeUsd24Hr':  
'8730172.9764193317743874', 'priceUsd': '0.1101024617073516',  
'changePercent24Hr': '1.9293745761076840', 'vwap24Hr':  
'0.1104405275318594', 'explorer': 'https://www.kaiascan.io/'}, {'id':  
'pax-gold', 'rank': '90', 'symbol': 'PAXG', 'name': 'PAX Gold',  
'supply': '210371.2200000000000000', 'maxSupply': None,  
'marketCapUsd': '643492379.8766678544242087', 'volumeUsd24Hr':  
'11516334.2400226648208853', 'priceUsd': '3058.8422688078143694',  
'changePercent24Hr': '-0.1966407562462071', 'vwap24Hr':  
'3063.4579819837460825', 'explorer':  
'https://etherscan.io/token/0x45804880de22913dafa09f4980848ece6ecbaf78'  
'}, {'id': 'ethereum-name-service', 'rank': '91', 'symbol': 'ENS',  
'name': 'Ethereum Name Service', 'supply':  
'35599404.0400000000000000', 'maxSupply':  
'100000000.0000000000000000', 'marketCapUsd':  
'624126476.4136724902616447', 'volumeUsd24Hr':  
'104701383.4243403932872975', 'priceUsd': '17.5319360883793180',  
'changePercent24Hr': '7.4544045700163860', 'vwap24Hr':  
'17.6504221507847722', 'explorer':  
'https://etherscan.io/token/0xC18360217D8F7Ab5e7c516566761Ea12Ce7F9D72'  
'}, {'id': 'floki-inu', 'rank': '92', 'symbol': 'FLOKI', 'name':  
'FLOKI', 'supply': '9626637864609.9200000000000000', 'maxSupply':  
'0.0000000000000000', 'marketCapUsd': '610958561.3927808910363657',  
'volumeUsd24Hr': '54667127.7484358497537705', 'priceUsd':  
'0.0000634654144038', 'changePercent24Hr': '4.6709333919345732',  
'vwap24Hr': '0.0000625766773996', 'explorer':  
'https://bscscan.com/token/0xfb5b838b6cfeedc2873ab27866079ac55363d37e'  
'}, {'id': 'telcoin', 'rank': '93', 'symbol': 'TEL', 'name': 'Telcoin',  
'supply': '93880083810.9700000000000000', 'maxSupply':  
'10000000000.0000000000000000', 'marketCapUsd':  
'609462587.3901382575243502', 'volumeUsd24Hr':  
'3070046.6564585398971428', 'priceUsd': '0.0064919263239827',  
'changePercent24Hr': '19.9784724378426523', 'vwap24Hr':  
'0.0059476227665936', 'explorer':
```

```
'https://etherscan.io/token/0x85e076361cc813a908ff672f9bad1541474402b2
'}, {'id': 'neo', 'rank': '94', 'symbol': 'NEO', 'name': 'Neo',
'supply': '70538831.0000000000000000', 'maxSupply': None,
'marketCapUsd': '595852616.7793649883245923', 'volumeUsd24Hr':
'15458367.8214360500311261', 'priceUsd': '8.4471575206479533',
'changePercent24Hr': '1.1675138197670803', 'vwap24Hr':
'8.4652939022869939', 'explorer': 'https://neotracker.io'}, {'id':
'curve-dao-token', 'rank': '95', 'symbol': 'CRV', 'name': 'Curve DAO
Token', 'supply': '1301146243.0000000000000000', 'maxSupply':
'3030303030.2990000000000000', 'marketCapUsd':
'584142198.1928199912200035', 'volumeUsd24Hr':
'19829466.3340296628375310', 'priceUsd': '0.4489443068643745',
'changePercent24Hr': '-3.1400408052723521', 'vwap24Hr':
'0.4681024140371408', 'explorer':
'https://etherscan.io/token/0xD533a949740bb3306d119CC777fa900bA034cd52
'}, {'id': 'helium', 'rank': '96', 'symbol': 'HNT', 'name': 'Helium',
'supply': '179761124.7451054500000000', 'maxSupply':
'223000000.0000000000000000', 'marketCapUsd':
'581167981.9720361915761794', 'volumeUsd24Hr':
'718506.3706905863084963', 'priceUsd': '3.2330014779119270',
'changePercent24Hr': '5.0881589953613069', 'vwap24Hr':
'3.1703982466984713', 'explorer': 'https://explorer.helium.com/'},
{'id': 'kava', 'rank': '97', 'symbol': 'KAVA', 'name': 'Kava',
'supply': '1082853482.0000000000000000', 'maxSupply': None,
'marketCapUsd': '562264313.9949838259859914', 'volumeUsd24Hr':
'10501632.8867918651433194', 'priceUsd': '0.5192432063444977',
'changePercent24Hr': '3.5797963957123518', 'vwap24Hr':
'0.5071227043241836', 'explorer': 'https://www.mintscan.io/kava'},
{'id': 'pyth-network', 'rank': '98', 'symbol': 'PYTH', 'name': 'Pyth
Network', 'supply': '3624987919.8500000000000000', 'maxSupply': None,
'marketCapUsd': '553357764.1984658130640844', 'volumeUsd24Hr':
'14583462.0486508631864889', 'priceUsd': '0.1526509264122909',
'changePercent24Hr': '1.5347481721863525', 'vwap24Hr':
'0.1535576768069090', 'explorer':
'https://solscan.io/token/HZ1JovNiVvGrGNiiYvEozEVgZ58xaU3RKwX8eACQBct3
'}, {'id': 'raydium', 'rank': '99', 'symbol': 'RAY', 'name':
'Raydium', 'supply': '290847970.9593340000000000', 'maxSupply':
'555000000.0000000000000000', 'marketCapUsd':
'551628326.9655487873303833', 'volumeUsd24Hr':
'73585038.6469642379179749', 'priceUsd': '1.8966208536578609',
'changePercent24Hr': '3.1161222622118337', 'vwap24Hr':
'1.8745983524101705', 'explorer':
'https://explorer.solana.com/address/4k3Dyjjvzvp8eMZWUXbBCjEvwSkkk59S5i
CNLY3QrkX6R'}, {'id': 'axie-infinity', 'rank': '100', 'symbol': 'AXS',
'name': 'Axie Infinity', 'supply': '159646968.7628623500000000',
'maxSupply': None, 'marketCapUsd': '548791772.6445365150604969',
'volumeUsd24Hr': '8423133.3789536447242637', 'priceUsd':
'3.4375333080060235', 'changePercent24Hr': '1.2511273095701805',
'vwap24Hr': '3.4549118489821158', 'explorer':
```



```
'https://etherscan.io/token/0xf5d669627376ebd411e34b98f19c868c8aba5ada'
}], 'timestamp': 1742464801717}
```

```
data = res["data"]
```

```
import pandas as pd
df1 = pd.DataFrame(data)
df1.head()
```

	supply	id	rank	symbol	name	
0	bitcoin	1	BTC	Bitcoin	19839400.000000000000000000	
1	ethereum	2	ETH	Ethereum	120629195.42695649000000000	
2	xrp	3	XRP	XRP	58108919817.00000000000000000	
3	tether	4	USDT	Tether	143653509034.06530000000000000	
4	binance-coin	5	BNB	BNB	144006830.00000000000000000	

	maxSupply	marketCapUsd	
0	21000000.000000000000000000	1703624465583.7318028789872200	
1	None	241878442707.8441621012277324	
2	100000000000.00000000000000000	145776030025.7492526890418213	
3	None	143725557538.7823927347936911	
4	144006830.000000000000000000	91526615556.1936422713777770	

	volumeUsd24Hr	priceUsd	
changePercent24Hr			
0	10141491358.5569542210115864	85870.7655263632873413	
2.8551634101947795			
1	6621521654.7663726314683607	2005.1401474720656370	
3.2718447770705386			
2	3365388339.2440749858546037	2.5086687290838589	
8.4747774776893298			
3	24653524641.9388553438688903	1.0005015436462468	
0.1392938830401784			
4	556215514.8158287889500016	635.5713514157185619	
3.4484147629585301			

	vwap24Hr	explorer
0	85201.0651284456121972	https://blockchain.info/
1	2023.0357853491439004	https://etherscan.io/
2	2.4898083714762087	https://xrpcharts.ripple.com/#/graph/
3	0.9999677996084417	

```
https://www.omniexplorer.info/asset/31
4 617.6091689478402690
https://etherscan.io/token/0xB8c77482e45F1F44d...
```

```
df1.to_csv("C:\my files\coindata.csv")
```

```
df1.tail()
```

	id	rank	symbol	name
supply \				
95	helium	96	HNT	Helium
179761124.7451054500000000				
96	kava	97	KAVA	Kava
1082853482.0000000000000000				
97	pyth-network	98	PYTH	Pyth Network
3624987919.8500000000000000				
98	raydium	99	RAY	Raydium
290847970.9593340000000000				
99	axie-infinity	100	AXS	Axie Infinity
159646968.7628623500000000				

	maxSupply	marketCapUsd \
95	223000000.0000000000000000	581167981.9720361915761794
96	None	562264313.9949838259859914
97	None	553357764.1984658130640844
98	555000000.0000000000000000	551628326.9655487873303833
99	None	548791772.6445365150604969

	volumeUsd24Hr	priceUsd	changePercent24Hr
\			
95	718506.3706905863084963	3.2330014779119270	5.0881589953613069
96	10501632.8867918651433194	0.5192432063444977	3.5797963957123518
97	14583462.0486508631864889	0.1526509264122909	1.5347481721863525
98	73585038.6469642379179749	1.8966208536578609	3.1161222622118337
99	8423133.3789536447242637	3.4375333080060235	1.2511273095701805

	vwap24Hr
explorer	
95	3.1703982466984713
https://explorer.helium.com/	
96	0.5071227043241836
https://www.mintscan.io/kava	
97	0.1535576768069090
https://solscan.io/token/HZ1JovNiVvGrGNiiYvEoz...	
98	1.8745983524101705
https://explorer.solana.com/address/4k3Dyjzvzp...	

```
99 3.4549118489821158
https://etherscan.io/token/0xf5d669627376ebd41...
```

```
df1.isnull().sum()
```

```
id          0
rank        0
symbol      0
name        0
supply      0
maxSupply   56
marketCapUsd 0
volumeUsd24Hr 0
priceUsd    0
changePercent24Hr 0
vwap24Hr    2
explorer    11
dtype: int64
```

```
df1.dropna(inplace = True)
df1.isnull().sum()
```

```
id          0
rank        0
symbol      0
name        0
supply      0
maxSupply   0
marketCapUsd 0
volumeUsd24Hr 0
priceUsd    0
changePercent24Hr 0
vwap24Hr    0
explorer    0
dtype: int64
```

```
df1.info()
```

```
<class 'pandas.core.frame.DataFrame'>
```

```
Index: 40 entries, 0 to 98
```

```
Data columns (total 12 columns):
```

#	Column	Non-Null Count	Dtype
0	id	40 non-null	object
1	rank	40 non-null	object
2	symbol	40 non-null	object
3	name	40 non-null	object
4	supply	40 non-null	object
5	maxSupply	40 non-null	object
6	marketCapUsd	40 non-null	object
7	volumeUsd24Hr	40 non-null	object

8	priceUsd	40	non-null	object
9	changePercent24Hr	40	non-null	object
10	vwap24Hr	40	non-null	object
11	explorer	40	non-null	object

dtypes: object(12)

memory usage: 4.1+ KB

df1.describe(include='all')

	id	rank	symbol	name	supply	\
count	40	40	40	40	40	
unique	40	40	40	40	40	
top	bitcoin	1	BTC	Bitcoin	19839400.000000000000000000	
freq	1	1	1	1	1	

	maxSupply	marketCapUsd	\
count	40	40	
unique	33	40	
top	21000000.000000000000000000	1703624465583.7318028789872200	
freq	3	1	

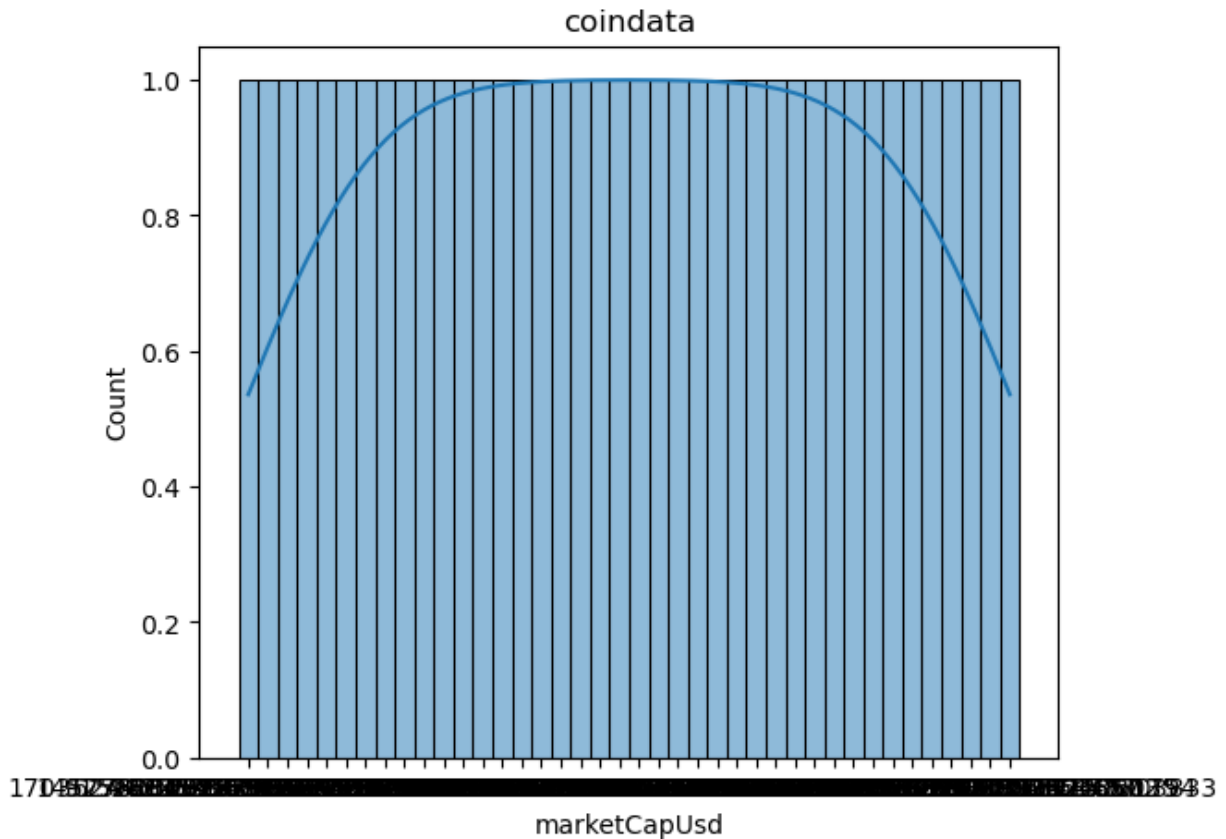
	volumeUsd24Hr	priceUsd	\
count	40	40	
unique	40	40	
top	10141491358.5569542210115864	85870.7655263632873413	
freq	1	1	

	changePercent24Hr	vwap24Hr
explorer		
count	40	40
40		
unique	40	40
40		
top	2.8551634101947795	85201.0651284456121972
https://blockchain.info/		
freq	1	1
1		

```
import matplotlib.pyplot as plt
import seaborn as sns
plt.figure(figsize = (6,5))
sns.histplot(df1["marketCapUsd"],kde = True, bins =10)
plt.title("coindata")
plt.show()
```

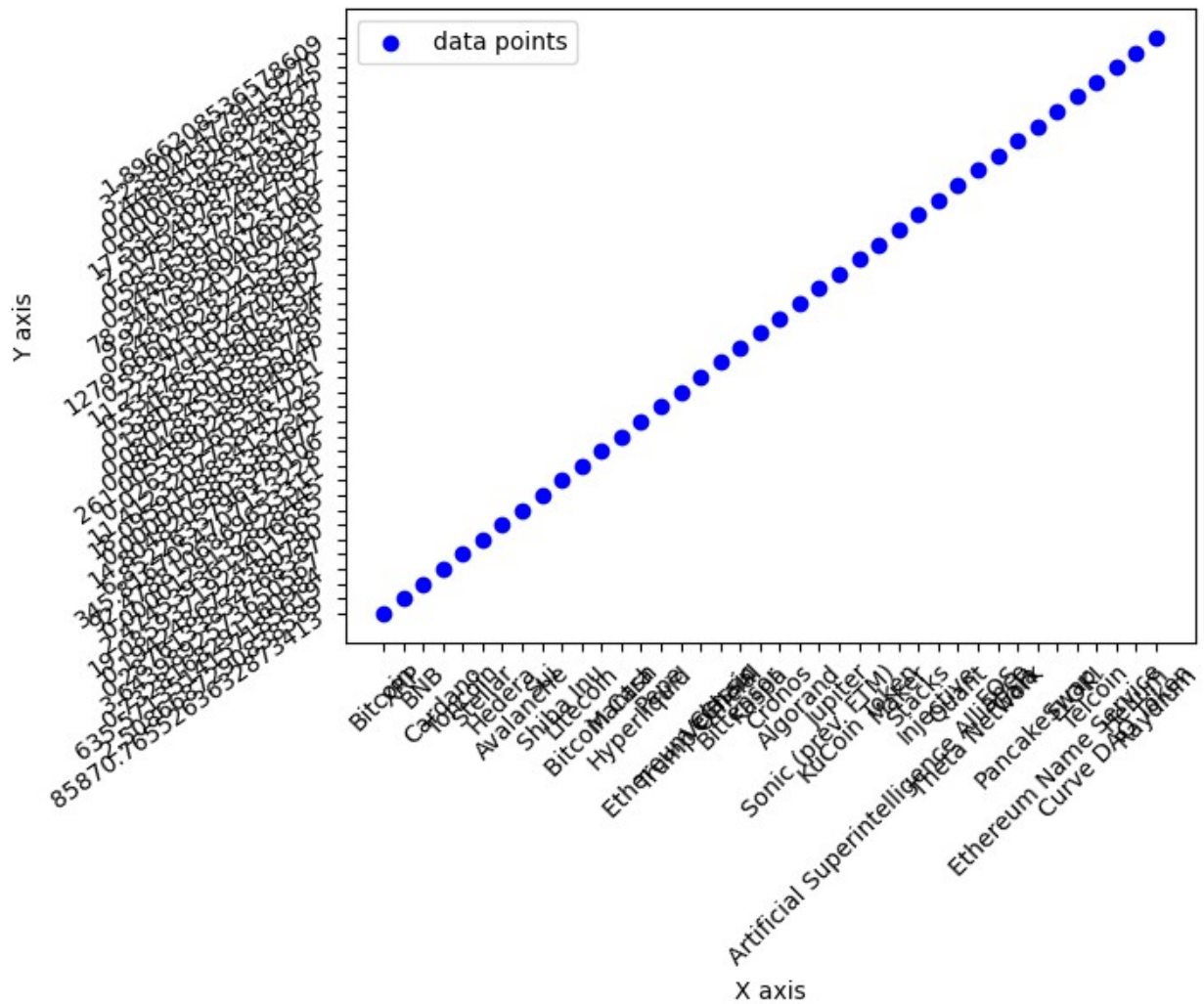
C:\ProgramData\anaconda3\Lib\site-packages\seaborn_oldcore.py:1119: FutureWarning: use_inf_as_na option is deprecated and will be removed in a future version. Convert inf values to NaN before operating instead.

```
with pd.option_context('mode.use_inf_as_na', True):
```



1) create a scatter plot between name and price

```
import matplotlib.pyplot as plt
import numpy as np
import pandas as pd
x=(df1["name"])
y=(df1["priceUsd"])
plt.scatter(x,y,color='blue',marker='o',label='data points')
plt.xlabel("X axis")
plt.ylabel("Y axis")
plt.xticks(rotation = 45)
plt.yticks(rotation = 35)
plt.legend()
plt.show()
```



filter the data where the price is less than 2 and plot a scatter plot

```
df1["priceUsd"]=df1["priceUsd"].astype(float)
filt =df1[df1["priceUsd"]<2]

import matplotlib.pyplot as plt
plt.figure(figsize = (20,5))
plt.scatter(df1["symbol"],df1["priceUsd"],label = "price",color =
"green")
plt.show()
```

