

Blockchain Data Dictionary

The table below defines the fundamental blockchain data powered by [IntoTheBlock](#). Read the documentation on the [CryptoCompare API](#).

| Response | Description | Unit of measure | Data type | Calculation |
|---------------------------------|---|-----------------|------------------|-------------|
| time | Unix timestamp | Seconds | Epoch timestamp | N/A |
| block_height | Block height represents the max block number for the given day | Blocks | Integer | N/A |
| transaction_count | Count of valid transactions for a given day, after filtering out failed transactions | Transactions | Integer | Sum |
| transaction_count_all_time | Count of transactions since inception. | Transactions | Integer | Sum |
| large_transaction_count | Count of large (>100,000 USD) transactions per day. | Transactions | Integer | Sum |
| average_transaction_value | Average transaction value denominated in the native units of the digital asset per day. | Native units | Float | Average |
| zero_balance_addresses_all_time | Sum of zero balance addresses since inception. | Addresses | Integer | Sum |
| unique_addresses_all_time | The sum of addresses that executed at least one transaction since inception. | Addresses | Integer | Sum |
| new_addresses | The sum of addresses that were created that day. | Addresses | Integer | Sum |
| active_addresses | The sum of addresses that executed at least one transaction during the day. | Addresses | Integer | Sum |
| hashrate | The hash rate for a day is the average difficulty / the average time between blocks for the day / 10^{12} . It is expressed in TH/s (1,000,000,000,000 (one trillion) hashes per second) | TH/s | Float | Average |
| difficulty | The mean difficulty of finding a hash that meets the protocol-designated requirement (e.g. for bitcoin it is the the difficulty of finding a new block) that day. | N/A | Float | Average |
| current_supply | The sum of all native units issued on the ledger. | Native units | Float | Sum |
| block_time | Average time in seconds it took for each block to be created that day. | Seconds | Float in seconds | Average |
| block_size | The average size in bytes of all blocks created that day. | Bytes | Float | Average |