Data Description

Group 19

1. Wallet

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| **Field** | **Data type** | **Description** |
| \_id | String | Document ID |
| address | String | Address of wallet |
| chainId | String | Blockchain ID |
| balanceInUSD | Double | Wallet balance in USD |
| balanceChangeLogs | Object | History of wallet balance |
| tokens | Object | Amount of tokens that the wallet is holding |
| tokenChangeLogs | Object | History of tokens that the wallet is holding |
| depositInUSD | Double | Wallet deposit in USD |
| depositChangeLogs | Object | History of wallet deposit |
| depositTokens | Object | Amount of tokens that the wallet is depositing |
| depositTokenChangeLogs | Object | History of tokens that the wallet is depositing |
| borrowInUSD | Double | Wallet borrow in USD |
| borrowChangeLogs | Object | History of wallet borrow |
| borrowTokens | Object | Amount of tokens that the wallet is borrowing |
| borrowTokenChangeLogs | Object | History of tokens that the wallet is borrowing |
| dailyAllTransactions | Object | Number of transactions the wallet address interacts daily |
| dailyNumberOfTransactions | Object | Number of transactions that the wallet address generates daily |
| dailyTransactionAmounts | Object | The amount that the wallet address receives every day |
| numberOfLiquidation | Int32 | Number of times the wallet address has been liquidated |
| totalValueOfLiquidation | Double | The amount of the wallet address has been liquidated |
| liquidationLogs | Object | Wallet liquidation history |

1. Multi Wallet

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| **Field** | **Data type** | **Description** |
| \_id | String | Document ID |
| address | String | Address of wallet |
| dailyNumberOfTransactions | Object | Number of transactions that the wallet address generates daily |
| dailyTransactionAmounts | Object | The amount that the wallet address receives every day |
| balanceInUSD | Double | Wallet balance in USD |
| balanceChangeLogs | Object | History of wallet balance |
| tokens | Object | Amount of tokens that the wallet is holding |
| tokenChangeLogs | Object | History of tokens that the wallet is holding |
| depositInUSD | Double | History of wallet deposit |
| depositTokens | Object | Amount of tokens that the wallet is depositing |
| depositTokenChangeLogs | Object | History of tokens that the wallet is depositing |
| borrowInUSD | Double | Wallet borrow in USD |
| borrowChangeLogs | Object | History of wallet borrow |
| borrowTokens | Object | Amount of tokens that the wallet is borrowing |
| borrowTokenChangeLogs | Object | History of tokens that the wallet is borrowing |
| lendings | Object | Record of lending activities |
| dailyNumberOfTransactionsInEachChain | Object | Number of transactions that the wallet address generates daily for each chain |
| dailyTransactionAmountsInEachChain | Object | The amount that the wallet address receives every day for each chain |
| frequencyOfDappTransactions | Integer | Frequency of DApp transactions |
| frequencyOfDappTransactionsInEachChain | Object | DApp transaction frequency for each blockchain |
| depositChangeLogs | Object | History of wallet deposit |
| borrowChangeLogs | Object | History of wallet borrow |

1. Smart Contract

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| **Field** | **Data type** | **Description** |
| symbol | String | Token symbol |
| decimals | Int32 | Token decimals |
| idCoingecko | String | ID of token in CoinGecko |
| tokenHealth | Int32 | Token Health |
| price | Double | Token price |
| marketCap | Int32 | Market capitalize of token |
| tradingVolume | Int32 | Trading volume 24h of token |
| totalSupply | Int32 | Total supply of token |
| tokenDailyTransfers | Object | Daily token transfers |
| categories | Array | Categories of token |
| priceChangeLogs | Object | History of token price |
| marketChangeLogs | Object | History of token market cap |
| tradingVolumeChangeLogs | Object | History of token trading volume 24h |
| numberOfHolders | Int32 | Number of token’s holders |
| socialAccounts | Object | Website and social marketing accounts of token |

1. Transaction

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| **Field** | **Data type** | **Description** |
| contract\_address | text | Address of interacted contract |
| transaction\_hash | text | The hash of the transaction |
| log\_index | bigint | The logs index position in the block |
| block\_number | bigint | The length of the blockchain in blocks |
| from\_address | text | Address of the sender |
| to\_address | text | Address of the receiver |
| value | double precision | The amount of token sent in this transfer. The value has been divided by token decimals. |

1. Lending events

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| **Field** | **Data type** | **Description** |
| \_id | String | Document ID |
| type | String | Type of collection |
| amount | Double | The amount of reserve in action. The value has been divided by token decimals. |
| block\_timestamp | Int32 | The time when the block was mined that includes this transaction |
| block\_number | Int32 | The length of the blockchain in blocks |
| transaction\_hash | String | The hash of the transaction |
| contract\_address | String | Address of interacted contract |
| event\_type |  | Type of lending event |
| log\_index | Int32 | The logs index position in the block |
| on\_behalf\_of | String | Address of wallet that received lending event result |
| user | String | Event's input wallet address |
| wallet | String | Address of wallet made the transaction |
| reserve | String | Address of reserve token |

1. Token transfer

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| **Field** | **Data type** | **Description** |
| \_id | String | Document ID |
| Address | String | Token's blockchain address |
| Decimals | Int32 | Number of decimal places in token |
| Id | String | ID for the token |
| Market\_cap | Int32 | Total market capitalization of the token |
| Market\_cap\_rank | Int32 | Rank of the token based on market capitalization |
| Name | String | Name of the token |
| Price | Double | Current price of the token |
| Symbol | String | Token symbol |
| Total\_volume | Int32 | Total trading volume of the token |

1. Token Transfer (From Postgre)

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| **Field** | **Data type** | **Description** |
| contract\_address | text | Address of interacted contract |
| transaction\_hash | text | The hash of the transaction |
| log\_index | bigint | The logs index position in the block |
| block\_number | bigint | The length of the blockchain in blocks |
| from\_address | text | Address of the sender |
| to\_address | text | Address of the receiver |
| value | double precision | The amount of token sent in this transfer. The value has been divided by token decimals. |