Query 01

“Get the name of the Cryptocurrencies and exchange country, that exchange country is Switzerland.” – uses data from exchange entity

* Answer is the two rows:

|  |  |
| --- | --- |
| name | country |
| Ethereum | Switzerland |
| Solana | Switzerland |

Query 02

“Get the Cryptocurrencies that created before year 2010.” – uses data from cryptocurrencies entity.

* Answer is the single row “Bitcoin”

Query 03

“Get the famous Users of Solana Cryptocurrency” – uses data from users entity.

* Answer is the single row “Kenz Capital”

Query 04

“Get the name of each exchange country and the number of cryptocurrencies in each exchange country” – uses data from both exchange and cryptocurrency entities, with the NUM\_CRYPTO attribute being an example of a derived attribute

* Answer is 3 rows.

|  |  |
| --- | --- |
| country | NUM\_CRYPTO |
| Japan | 1 |
| Switzerland | 2 |
| Hong Kong | 1 |

Query 05

“Get the symbol and price of the cryptocurrencies where the price is larger than 1000$” – uses data from both prices and cryptocurrency entities.

* Answer is 2 rows.

|  |  |
| --- | --- |
| symbol | price |
| BTC | $27672 |
| ETH | $1755.89 |

Query 06

“Get the symbol, of each cryptocurrency where the ATH is larger than 4000$ and wallet name tag is Binance” – uses data from marketcap, wallets and cryptocurrency entities.

* Answer is 1 row: “BTC”

Query 07

“Get the name of famous crypto users and marketcap value, who use cryptocurrencies that have marketcap of over 70,000,000,000$” – uses data from marketcap, and users entities.

* Answer is 3 rows.

|  |  |
| --- | --- |
| user\_name | marketcap\_value |
| Elon Musk | $534,038,341,597 |
| Aston Kutcher | $214,798,744,569 |
| Alameda Research | $79,106,910,436 |

Query 08

“Get the symbols of cryptocurrencies, where wallet name tag is ‘binance’ and exchange country is Japan”– uses data from cryptocurrencies, exchange, and wallets entities.

* Answer is 1 row: “BTC”

Query 09

“Get the symbol, marketcap value, ATH value and created date of solana cryptocurrency”– uses data from cryptocurrencies and marketcap entities.

* Answer is 1 row: “SOL”,” $7,951,642,968”,” $260.06”,” March 16, 2020”

Query 10

“Get the cryptocurrency name, famous users name, price and ATH value, where famous users name start with letter A”– uses data from users, prices and marketcap entities.

* Answer is 2 rows:

|  |  |  |  |
| --- | --- | --- | --- |
| Name | user\_name | price | ATH |
| Ethereum | Aston Kutcher | $1755.89 | $4891.70 |
| Tether USD | Alameda Research | $1 | $1.22 |