Database Schema

1. Naming Conventions:

${Exchange}_${Asset Type(Spot/Swap)}_official_klines

> For example: BINANCE_SWAP_OFFICIAL_KLINES

2. Table Schema:

1. global_symbol:

   type: string

   ${Asset Type}-${baseAsset}/${quoteAsset}

   For example: SPOT-BTC/USD, SWAP-BTC/USD

2. start_datetime

   type: biging

   10 digits timestamp:

   ```python
   from datetime import datetime
   int(datetime.now.timestamp())
   ```

   ```cpp
   #include <iostream>
   #include <chrono>

   int main(){
     std::time_t curr_time = std::time(nullptr);
     std::cout << "Current timestamp" << result << std::endl;
   }
   ```

3. OHLCV (double precision)

3. Table index:

Index type: btree

Index column: global_symbol, start_datetime

Usage: help boost the query speed at the 'where' clause

```sql
select global_symbol, close, start_datetime where global_symbol='SPOT-BTC/USDT' and start_datetime<=1605945212;
```

4. github: https://github.com/jfengan/kline-data