### BITCOIN VOLUME

### Enhanced Data Dictionary

**Table Name:** 1h\_fpx

| Field Name | Description | Data Type | Example Value | Notes |
| --- | --- | --- | --- | --- |
| id | Unique identifier for the record | Integer (INT) | 137846 | Auto-incrementing primary key. |
| date | Date of the recorded volume | Date (DATE) | 2024-08-19 | Format: YYYY-MM-DD. Cannot be NULL. |
| time | Time of the recorded volume | Time (TIME) | 18:00:00 | Format: HH:MM  . Cannot be NULL. |
| volume | Volume of Bitcoin traded 1h interval | Decimal (DECIMAL(18, 8)) | 43222.69728565 | Measured in BTC. Precision up to 8 decimal places. Cannot be NULL. |

### Detailed Description

1. **Field Names and Descriptions:**
   * id: A unique integer for each record. It auto-increments with each new entry.
   * date: The calendar date when the volume was recorded. It cannot be NULL.
   * time: The specific time when the volume was recorded. It cannot be NULL.
   * volume: The amount of Bitcoin recorded at that time. It has up to 18 digits, with 8 after the decimal point.
2. **Data Types:**
   * id: Integer (INT) – used for unique identification of records.
   * date: Date (DATE) – represents the date with YYYY-MM-DD format.
   * time: Time (TIME) – represents the time with HH:MM:SS format.
   * volume: Decimal (DECIMAL(18, 8)) – a decimal number allowing for high precision.
3. **Units of Measurement:**
   * volume: Measured in Bitcoin (BTC).
4. **Constraints:**
   * date and time fields cannot be NULL.
   * volume field cannot be NULL.
5. **Example Data:**
   * id: 137846
   * date: 2024-08-19
   * time: 18:00:00
   * volume: 43222.69728565

Flat csv file Example:

20240402 13:00:00,23016.12613226

20240402 14:00:00,48630.61360846

20240402 15:00:00,38483.34715125

20240402 16:00:00,144012.92762973

20240402 17:00:00,66394.52358731

20240402 18:00:00,30323.20116484

20240402 19:00:00,42352.44737447

20240402 20:00:00,53309.44858712

20240402 21:00:00,21503.39821964

20240402 22:00:00,25815.19537180