Database Design

Bitquote

We may be able to combine these

Price_Buffer
1

Price_History
2

Reddit_Posts
3

Twitter_Posts
4

Forum_Posts
5

Users
6

Price_Alerts
8

User_Settings
7

1)

Bitfinex	Bitstamp	BTC-e	BtcChina	Coinbase	Huobi	Kraken	OKCoin
float	float	float	float	float	float	float	float

2)

Bitfinex	Bitstamp	BTC-e	BtcChina	Coinbase	Huobi	Kraken	OKCoin	Timestamp
float	float	float	float	float	float	float	float	BigInt

3)

1: Keeps 1 row with BTC prices that are updated every minute

2: Keeps BTC Prices that are fetched every hour for use in the charts

} Can be combined; One table storing prices every minute. The chart would have a lot of data points.

3,4,5: Data scraped from respective sources

6: All user login-related information will be stored here

7: User settings if we decide to enable users to customize their home screen (change what sources they see, customize Chart, and/or hide certain exchanges)

8: Where we store price alerts if we choose to implement them. The user can set a price, and when the BTC price falls below or rises above it, they will receive an email.