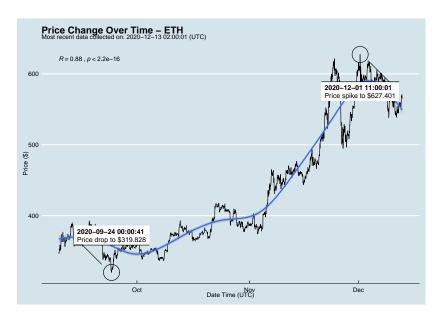
R Markdown Output

Overview

This document has code embedded throughout. In the next section we will create a visualization using the already loaded dataset eth_data:

datatable(eth_data)

Price Chart - Ethereum



Python Code Example

.. ..

```
import pandas as pd
# Create the Python object from R
df = r.cryptodata
# Show the new Python dataframe
df
```

##		pair	symbol	ask_1_price	date_	_time_utc
##	0	BTCUSD	BTC	18792.420	2020-12-13	02:00:01
##	1	ETHUSD	ETH	565.813	2020-12-13	02:00:01
##	2	ETHUSD	ETH	565.682	2020-12-13	01:00:01
##	3	BTCUSD	BTC	18748.340	2020-12-13	01:00:00
##	4	ETHUSD	ETH	567.839	2020-12-13	00:00:01
##						
##	5113	BTCUSD	BTC	11972.900	2020-08-10	06:03:50
##	5114	BTCUSD	BTC	11985.890	2020-08-10	05:03:48
##	5115	BTCUSD	BTC	11997.470	2020-08-10	04:32:55
##	5116	BTCUSD	BTC	10686.880		NaT
##	5117	ETHUSD	ETH	357.844		NaT

One more Python example

The code below creates a new column price_percentile that specifies if the price for the row was in the upper or lower 50th percentile of prices (BTC should be upper and ETH lower):

```
import numpy as np
# Create a new column based on the ask 1 price value:
df['price percentile'] = np.where(df['ask 1 price'] >
```

```
np.percentile(df['ask_1_]
                             'upper 50th percentile of price
                             'lower 50th percentile of price
# Show modified dataframe:
```

```
df[['symbol', 'ask_1_price', 'price_percentile']]
                                             price_percenti
##
        symbol
                ask_1_price
           BTC
                  18792.420
                             upper 50th percentile of price
## 0
```

lower 50th percentile of price ## 1 ETH 565.813 ETH 565.682 lower 50th percentile of price ## 2 ## 3 BTC 18748.340 upper 50th percentile of price ## / ETI E67 020 larram EO+h namaan+ila af nmia

Back to Gallery

```
include_url("https://r-markdown-gallery.org")
```