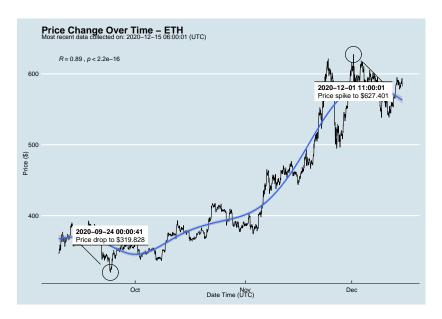
R Markdown Output

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	ETHUSD	ETH	582.553	2020-12-15	06:00:01
##	1	BTCUSD	BTC	19134.060	2020-12-15	06:00:00
##	2	ETHUSD	ETH	582.881	2020-12-15	05:00:01
##	3	BTCUSD	BTC	19173.700	2020-12-15	05:00:00
##	4	ETHUSD	ETH	592.628	2020-12-15	04:00:01
##						
##	5217	BTCUSD	BTC	11972.900	2020-08-10	06:03:50
##	5218	BTCUSD	BTC	11985.890	2020-08-10	05:03:48
##	5219	BTCUSD	BTC	11997.470	2020-08-10	04:32:55
##	5220	BTCUSD	BTC	10686.880		NaT
##	5221	ETHUSD	ETH	357.844		NaT

One more Python example

1

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']]
```

ask_1_price price_percenti ## symbol ETH 582.553 lower 50th percentile of price ## 0

upper 50th percentile of price ETH 582.881 lower 50th percentile of price ## 2 ## 3 BTC 19173.700 upper 50th percentile of price ## / ETI E00 600 larram EO+h namaan+ila af nmia

19134.060

BTC

Back to Gallery

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