

Overview

```
datatable(eth_data)
```

Price Change Over Time – ET

Most recent data collected on: 2021-01-09 06:00

The chart displays the price change over time for ET. The Y-axis represents the Price in US dollars, ranging from 0 to 1250. The X-axis represents the Date Time in UTC, spanning from October to January. The price starts at approximately \$300 in late September, drops to a low of \$319.828 on 2020-09-24, and then rises to a high of \$1270.07 on 2021-01-07. The price then drops sharply to around \$750 by January 9, 2021.

Date Time (UTC)	Price (\$)
2020-09-24 00:00:41	319.828
2021-01-07 18:00:01	1270.07

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

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):

[illegible]

```
                                'lower 50th percentile of prices')  
# Show modified dataframe:  
df[['symbol', 'ask_1_price', 'price_percentile']]
```