

# Cypruian API

## Custom API v0.2.1

Cypruian API support: [support@cypruian.com](mailto:support@cypruian.com)

Cypruian Homepage: <https://cypruian.com>

API endpoint: **<https://api.cypruian.com/bitcoin>**

API key is required when accessing endpoints.

## Authentication

`api_key`

Cypruian API key can be specified as `x-api-key` header parameter.

Security scheme type: API Key.

## Query parameters

- $f \in F$  – function name [required],
- `heightstart` – beginning block height for the set of data that are returned.

Set  $F$  is a catalog of available for your `api_key` functions (metrics).

## Request samples

```
curl -X GET -H "x-api-key: api_key"  
"https://api.cypruian.com/bitcoin?f=hodlwaves&heightstart=630000"
```

```
curl -X GET -H "x-api-key: api_key"  
"https://api.cypruian.com/bitcoin?f=unrealizedpl&heightstart=0"
```

```
curl -X GET -H "x-api-key: api_key"  
"https://api.cypruian.com/bitcoin?f=unrealizedpl&heightstart=729000"
```

```
curl -X GET -H "x-api-key: api_key" "https://api.cypruian.com/bitcoin?f=diff"
```

## Responses

200 OK

Response schema: text/csv  
Custom data format

400 Bad request

Response schema: application/json

message	string
	Error description.
type	string
	Error type string.

403 Forbidden

Response schema: application/json

message	string
	Error description.

429 Too Many Requests

Response schema: application/json

message	string
	Error description.

## Request and response example

[Shell]

```
curl -X GET -H "x-api-key: api_key"  
"https://api.cyprian.com/bitcoin?f=unrealizedpl&heightstart=781256"
```

[Python]

```
import requests  
endpoint = "https://api.cyprian.com/bitcoin"  
params = {"f": "unrealizedpl", "heightstart": "781256"}  
headers = {"x-api-key": "api_key"}  
resp = requests.get(endpoint, params=params, headers=headers)  
body = resp.text
```

Response status: 200

Content type: text/csv

Body:

```
1679097139;781273;1932024333921469;91275049419.4808;237330357103.3131  
1679183442;781435;1932125572015879;93739559604.1487;230146610050.8780  
1679269774;781583;1932218070872038;88368823830.0741;245111624872.3208
```