# fetch OHLC for daily candle

`POST` `https://api.dhan.co/v2/charts/historical`

Retrieve OHLC & Volume of daily candle for desired instrument. The data for any scrip is available back upto the date of its inception.

## Request

### Headers

**access-token**   string             required

### Body      application/json ⌄

**securityId**   string
Exchange standard identification for each scrip

**exchangeSegment**   string

| ENUMS | EXCHANGE | SEGMENT |
|-------|----------|---------|
| NSE_EQ | NSE | Equity Cash |
| NSE_FNO | NSE | Futures & Options |
| BSE_EQ | BSE | Equity Cash |
| BSE_FNO | BSE | Futures & Options |
| MCX_COMM | MCX | Commodity |
| IDX_I | INDEX | Indices |

Allowed values:   NSE_EQ   NSE_FNO   BSE_EQ   BSE_FNO   MCX_COMM   IDX_I

**instrument**   string
Represents the security instrument type, refer charts annexure for possible values.
Allowed values:   INDEX   FUTIDX   OPTIDX   EQUITY   FUTSTK   OPTSTK   FUTCOM   OPTFUT

**expiryCode**   integer<int32>
Represents the expiry code value, refer charts annexure for possible values.

**oi**   boolean
Open Interest Data
Default:   false

**fromDate**   string<date>
Chart data request start date in format YYYY-MM-DD

**toDate**   string<date>
Chart data request end date in format YYYY-MM-DD

## Responses   `200`

Successful operation

### Body      application/json ⌄

**open**   array[number<double>]
Array of values representing OHLC open value

**high**   array[number<double>]
Array of values representing OHLC high value

**low**   array[number<double>]
Array of values representing OHLC low value

**close**   array[number<double>]
Array of values representing OHLC close value

**volume**   array[number<double>]
Array of values representing volume

**timestamp**   array[number<double>]
Array of values representing date times in seconds since January 01, 1980

**open_interest**   array[number<double>]
Array of values representing open interest

---

### ▾ Parameters

access-token*   :   string

### ▾ Body

```
1  {
2    "securityId": "string",
3    "exchangeSegment": "NSE_EQ",
4    "instrument": "INDEX",
5    "expiryCode": -2147483648,
6    "oi": false,
7    "fromDate": "2019-08-24",
8    "toDate": "2019-08-24"
9  }
```

**Send API Request**

### Request Sample: Shell / cURL ⌄

```
curl --request POST \
  --url https://api.dhan.co/v2/charts/historical \
  --header 'Accept: application/json' \
  --header 'Content-Type: application/json' \
  --header 'access-token: ' \
  --data '{
  "securityId": "string",
  "exchangeSegment": "NSE_EQ",
  "instrument": "INDEX",
  "expiryCode": -2147483648,
  "oi": false,
  "fromDate": "2019-08-24",
  "toDate": "2019-08-24"
}'
```

### Response Example

```
1   {
2     "open": [
3       -1.7976931348623157e+308
4     ],
5     "high": [
6       -1.7976931348623157e+308
7     ],
8     "low": [
9       -1.7976931348623157e+308
10    ],
11    "close": [
12      -1.7976931348623157e+308
13    ],
14    "volume": [
15      -1.7976931348623157e+308
16    ],
17    "timestamp": [
18      -1.7976931348623157e+308
19    ],
20    "open_interest": [
21      -1.7976931348623157e+308
22    ]
23  }
```