1st attempt will be from metatrader5

What I did: open a demo acc their, broker acc : 128101-OBOFX-Demo

Name: Mehedi Hasan

Meta api: <https://app.metaapi.cloud/profile> (need to make a profile from here and then using api for data)

<https://metaapi.cloud/docs/client/usingCodeExamples/>

<https://github.com/agiliumtrade-ai/metaapi-python-sdk/tree/master>

Installing metatrader5 in desktop

| **Login:** | Mehedi24434 |
| --- | --- |
| **Password:** | gJa92eYY |

Another attempt: making trading account in forex.com

Acc mail : [mehedi24434@gmail.com](mailto:mehedi24434@gmail.com)

Another attemp could be : <https://fxmarketapi.com/documentation#historical_rates>

<https://stackoverflow.com/questions/44604440/forex-historical-data-in-python>

2nd attemp:

From qavi bhai : <https://thiagomarzagao.com/2021/05/12/mt5/>

According to this, I have opened another demo account in metatrader5 and broker acc in MetaQuotes, then retrieve acc info then coded the api like this:

import pandas as pd

import MetaTrader5 as mt5

from datetime import datetime, timedelta

# connect to MetaTrader 5

if not mt5.initialize(login=5013943279, server="MetaQuotes-Demo",password="0vhqivhg"):

print('initialize() failed')

mt5.shutdown()

# request tick data

s = mt5.copy\_ticks\_range(

'AUDUSD',

datetime(2018, 1, 1),

datetime(2023, 5, 1),

mt5.COPY\_TICKS\_TRADE

)

ticks = pd.DataFrame(s)

print(ticks)

Empty DataFrame

Columns: []

Index: []

print(s)

None

So, it is not working, though I was successful to connect with the Api with my acc info.

After that I installed wine in ubuntu, then installed metatrader desktop app, as for ubuntu wine is required, then I saved all the csv files manually with the app.

This is like the following: View -> Symbols -> Bars, then setting the daily data and time, press request and export the csv files.

I collected 11 pairs based on these researches : <https://www.wikijob.co.uk/trading/forex/top-forex-currency-pairs> and <https://fxssi.com/the-most-traded-currency-pairs>

**investment\_allocation\_Mehedi:** [**https://docs.google.com/spreadsheets/d/1abIxW0W1\_4Nlwii1xHAy0kR0IFNwXWhAUsejV7nCu9Y/edit#gid=0**](https://docs.google.com/spreadsheets/d/1abIxW0W1_4Nlwii1xHAy0kR0IFNwXWhAUsejV7nCu9Y/edit#gid=0)