1) Remove conda's base environment on startup.
Enter following command in terminal and relaunch terminal

conda config --set auto_activate_base false

2) **Check python3 version Python >= 3.8.x**

kausarhina@Kausars-MBP-2 ~ % python3 -V
Python 3.8.9

3) **Check clang is installed**

kausarhina@Kausars-MBP-2 ~ % clang --version
Apple clang version 13.1.6 (clang-1316.0.21.2.5)
Target: arm64-apple-darwin21.6.0
Thread model: posix
InstalledDir: /Library/Developer/CommandLineTools/usr/bin
kausarhina@Kausars-MBP-2 ~ %

If not installed , then Install xcode command line tools

kausarhina@Kausars-MBP-2 ~ % xcode-select --install
xcode-select: error: command line tools are already installed, use "Software Update" to install updates
kausarhina@Kausars-MBP-2 ~ %

4) **Install ta-lib**

kausarhina@Kausars-MBP-2 ~ % brew install ta-lib
Running `brew update --auto-update`...
==> Auto-updated Homebrew!
Updated 2 taps (homebrew/core and homebrew/cask).
==> New Formulae
ecoji   flagd   gokey
==> New Casks
runcat-plugins-manager

You have 1 outdated formula installed.
You can upgrade it with brew upgrade
or list it with brew outdated.

Warning: ta-lib 0.4.0 is already installed and up-to-date.
To reinstall 0.4.0, run:

brew reinstall ta-lib
kausarhina@Kausars-MBP-2 ~ %

5) Add ta-lib paths in ~/.zprofile and relaunch the terminal

export TA_INCLUDE_PATH="$(brew --prefix ta-lib)/include"
export TA_LIBRARY_PATH="$(brew --prefix ta-lib)/lib"

6) Install hdf5

*kausarhina@Kausars-MBP-2 ~ % **brew install hdf5***
Running `brew update --auto-update`...
==> Auto-updated Homebrew!
Updated 2 taps (homebrew/core and homebrew/cask).

You have 1 outdated formula installed.
You can upgrade it with brew upgrade
or list it with brew outdated.

Warning: hdf5 1.12.2_2 is already installed and up-to-date.
To reinstall 1.12.2_2, run:
* brew reinstall hdf5*
kausarhina@Kausars-MBP-2 ~ %

7) Install *c-blosc*

*kausarhina@Kausars-MBP-2 ~ % **brew install c-blosc***
Warning: c-blosc 1.21.3 is already installed and up-to-date.
To reinstall 1.21.3, run:
* brew reinstall c-blosc*
kausarhina@Kausars-MBP-2 ~ %

8) Add hdf5 and c-blosc path variables in ~/.zprofile and relaunch the terminal

export HDF5_DIR=/opt/homebrew/opt/hdf5
export BLOSC_DIR=/opt/homebrew/opt/c-blosc

9) Clone the freqtrade github repository

```
# Download `develop` branch of freqtrade repository
git clone https://github.com/freqtrade/freqtrade.git
```

```
# Enter downloaded directory
cd freqtrade

# your choice (1): novice user
git checkout stable

# your choice (2): advanced user
git checkout develop
```

10) Install freqtrade from scratch

kausarhina@Kausars-MBP-2 freqtrade % **./setup.sh -i**
/opt/homebrew/bin/python3.8
using python3.8

Installing mandatory dependencies
----
macOS detected. Setup for this system in-progress
Warning: gettext 0.21.1 is already installed and up-to-date.
To reinstall 0.21.1, run:
  brew reinstall gettext
ta-lib already installed, skipping

Resetting branch and virtual env

Reset git branch? (This will remove all changes you made!) [y/N]? y
- Hard resetting of 'develop' branch.
HEAD is now at 5d45adb37 Merge pull request #8009 from freqtrade/robcaulk-patch-1

Updating your virtual env
----
pip install in-progress. Please wait...
Requirement already satisfied: pip in ./.env/lib/python3.8/site-packages (22.0.4)
Collecting pip
  Using cached pip-22.3.1-py3-none-any.whl (2.1 MB)
Installing collected packages: pip
  Attempting uninstall: pip
    Found existing installation: pip 22.0.4
    Uninstalling pip-22.0.4:
      Successfully uninstalled pip-22.0.4
```

Successfully installed pip-22.3.1
**Do you want to install dependencies for dev [y/N]? n**
**Do you want to install plotting dependencies (plotly) [y/N]? n**
**Do you want to install hyperopt dependencies [y/N]? n**
**Do you want to install dependencies for freqai [y/N]? n**
Ignoring cryptography: markers 'platform_machine == "armv7l"' don't match your environment
Collecting numpy==1.24.1
  Using cached numpy-1.24.1-cp38-cp38-macosx_11_0_arm64.whl (13.8 MB)
Collecting pandas==1.5.2
  Using cached pandas-1.5.2-cp38-cp38-macosx_11_0_arm64.whl (10.7 MB)
Collecting pandas-ta==0.3.14b
  Using cached pandas_ta-0.3.14b0-py3-none-any.whl
Collecting ccxt==2.5.56
  Using cached ccxt-2.5.56-py2.py3-none-any.whl (3.4 MB)
Collecting cryptography==38.0.4
  Using cached cryptography-38.0.4-cp36-abi3-macosx_10_10_universal2.whl (5.4 MB)
Collecting aiohttp==3.8.3
  Using cached aiohttp-3.8.3-cp38-cp38-macosx_11_0_arm64.whl (337 kB)
Collecting SQLAlchemy==1.4.46
  Using cached SQLAlchemy-1.4.46-cp38-cp38-macosx_12_0_arm64.whl
Collecting python-telegram-bot==13.15
  Using cached python_telegram_bot-13.15-py3-none-any.whl (519 kB)
Collecting arrow==1.2.3
  Using cached arrow-1.2.3-py3-none-any.whl (66 kB)
Collecting cachetools==4.2.2
  Using cached cachetools-4.2.

......
....
....
...
....
......


Requirement already satisfied: tzdata in ./.env/lib/python3.8/site-packages (from pytz-deprecation-shim->tzlocal>=1.2->APScheduler==3.6.3->python-telegram-bot>=13.4->freqtrade==2023.1.dev0) (2022.7)
Building wheels for collected packages: freqtrade
  Building editable for freqtrade (pyproject.toml) ... done
  Created wheel for freqtrade:
filename=freqtrade-2023.1.dev0-0.editable-py3-none-any.whl size=20338
sha256=d5f2d0237ee26a5e67dc4aa798daf2322db334e39442aeaf8b65c561a6bb4c22

Stored in directory:
/private/var/folders/rh/c9g8bblx7h54g2llc3ry36vm0000gn/T/pip-ephem-wheel-cache-7hu
8xk4o/wheels/d2/3e/77/f1de4ff108aa51ce3292152e21430670dec3a7442ad4e82ab6
Successfully built freqtrade
Installing collected packages: freqtrade
Successfully installed freqtrade-2023.1.dev0
Installing freqUI
2023-01-13 22:34:54,676 - freqtrade - INFO - freqtrade 2023.1.dev-5d45adb37
2023-01-13 22:34:55,106 - freqtrade.commands.deploy_commands - INFO - Removing
UI directory content.
2023-01-13 22:34:55,106 - freqtrade.commands.deploy_commands - INFO -
Downloading https://github.com/freqtrade/frequi/releases/download/0.6.3/freqUI.zip
pip install completed


----------------------------
Please use 'freqtrade new-config -c config.json' to generate a new configuration file.
----------------------------
----------------------------
**Run the bot !**
----------------------------
You can now use the bot by executing 'source .env/bin/activate; freqtrade
<subcommand>'.
You can see the list of available bot sub-commands by executing 'source
.env/bin/activate; freqtrade --help'.
You verify that freqtrade is installed successfully by running 'source .env/bin/activate;
freqtrade --version'.
kausarhina@Kausars-MBP-2 freqtrade % cd freqtrade

kausarhina@Kausars-MBP-2 freqtrade %

## 11) Activate your .env

*source ./.env/bin/activate*

## 12) Install requirements

*pip3.8 install -r requirements-dev.txt*
*pip3.8 install -r requirements-freqai.txt*
*pip3.8 install -r requirements-hyperopt.txt*

## 13) Initialize the configuration

### Step 1 - Initialize user folder

*freqtrade create-userdir --userdir user_data*

Command output:

(.env) kausarhina@Kausars-MBP-2 freqtrade % freqtrade create-userdir --userdir user_data
2023-01-13 22:57:15,458 - freqtrade - INFO - freqtrade 2023.1.dev-5d45adb37
(.env) kausarhina@Kausars-MBP-2 freqtrade %

### Step 2 - Create a new configuration file

**freqtrade new-config --config config.json**

Command output:

(.env) kausarhina@Kausars-MBP-2 freqtrade % freqtrade new-config --config config.json
2023-01-13 23:01:44,665 - freqtrade - INFO - freqtrade 2023.1.dev-5d45adb37
? Do you want to enable Dry-run (simulated trades)? **Yes**
? Please insert your stake currency: **USDT**
? Please insert your stake amount (Number or 'unlimited'): **100**
? Please insert max_open_trades (Integer or -1 for unlimited open trades): **3**
? **Time Have the strategy define timeframe.**
? Please insert your display Currency (for reporting): **USD**
? Select exchange **binanceus**
? Do you want to enable Telegram? **No**
? Do you want to enable the Rest API (includes FreqUI)? **Yes**
? Insert Api server Listen Address (0.0.0.0 for docker, otherwise best left untouched) **127.0.0.1**
? Insert api-server username **freqtrader**
? Insert api-server password ********
2023-01-13 23:02:16,315 - freqtrade.commands.build_config_commands - INFO - Writing config to `config.json`.
2023-01-13 23:02:16,315 - freqtrade.commands.build_config_commands - INFO - Please make sure to check the configuration contents and adjust settings to your needs.
(.env) kausarhina@Kausars-MBP-2 freqtrade %

Modify the listen_port in config.json( if needed )

## 14) Start the Bot

**freqtrade trade --config config.json --strategy SampleStrategy**

Command output :

```
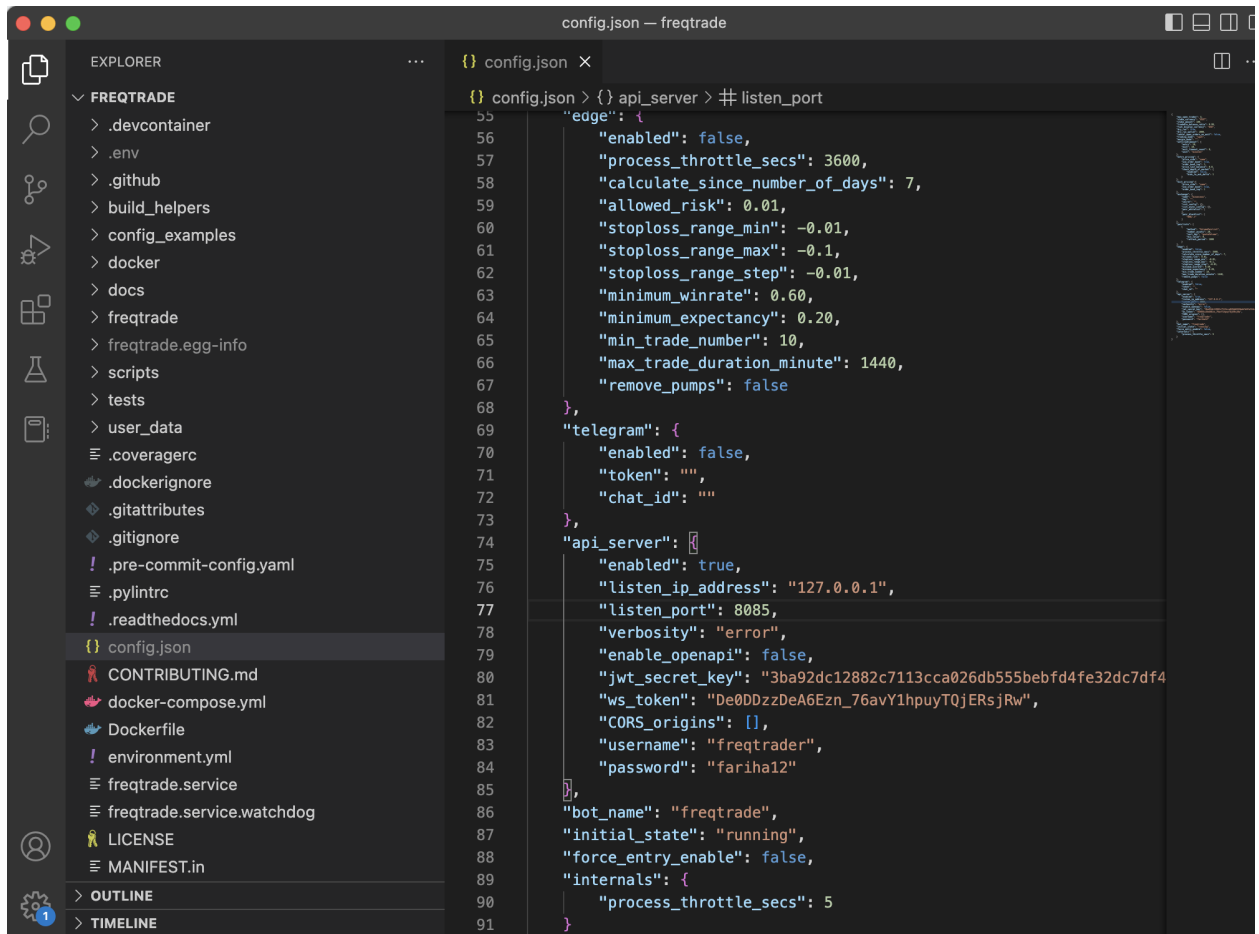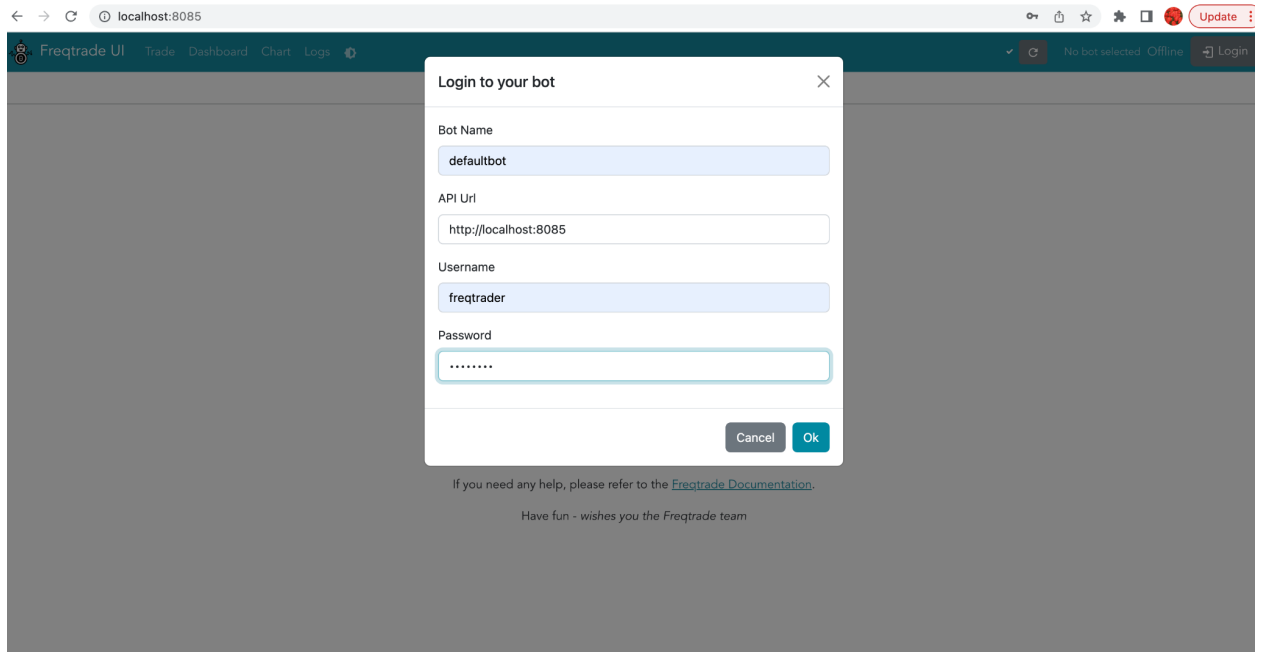2023-01-13 23:10:46,154 - freqtrade.wallets - INFO - Wallets synced.
2023-01-13 23:10:46,157 - freqtrade.resolvers.iresolver - INFO - Using resolved pairlist VolumePairList from
'/Users/kausarhina/tmp/freqtrade/freqtrade/plugins/pairlist/VolumePairList.py'...
2023-01-13 23:10:46,661 - freqtrade.rpc.rpc_manager - INFO - Enabling rpc.api_server
2023-01-13 23:10:46,832 - freqtrade.rpc.api_server.webserver - INFO - Starting HTTP Server at 127.0.0.1:8085
2023-01-13 23:10:46,833 - freqtrade.rpc.api_server.webserver - INFO - Starting Local Rest Server.
2023-01-13 23:10:46,837 - uvicorn.error - INFO - Started server process [28374]
2023-01-13 23:10:46,837 - uvicorn.error - INFO - Waiting for application startup.
2023-01-13 23:10:46,838 - uvicorn.error - INFO - Application startup complete.
2023-01-13 23:10:46,838 - uvicorn.error - INFO - Uvicorn running on http://127.0.0.1:8085 (Press CTRL+C to quit)
```

2023-01-13 23:10:46,840 - freqtrade.resolvers.iresolver - INFO - Using resolved pairlist VolumePairList from '/Users/kausarhina/tmp/freqtrade/freqtrade/plugins/pairlist/VolumePairList.py'...
2023-01-13 23:10:48,044 - VolumePairList - INFO - Pair BNB/USDT in your blacklist. Removing it from whitelist...
2023-01-13 23:10:48,047 - freqtrade.plugins.pairlistmanager - INFO - Whitelist with 20 pairs: ['BTC/USDT', 'ETH/USDT', 'SOL/USDT', 'DOGE/USDT', 'SHIB/USDT', 'ADA/USDT', 'GALA/USDT', 'AVAX/USDT', 'FET/USDT', 'VET/USDT', 'NEAR/USDT', 'FTM/USDT', 'USDC/USDT', 'MATIC/USDT', 'LTC/USDT', 'APE/USDT', 'BCH/USDT', 'ATOM/USDT', 'OP/USDT', 'BUSD/USDT']
2023-01-13 23:10:48,047 - freqtrade.strategy.hyper - INFO - No params for buy found, using default values.
2023-01-13 23:10:48,047 - freqtrade.strategy.hyper - INFO - Strategy Parameter(default): buy_rsi = 30
2023-01-13 23:10:48,047 - freqtrade.strategy.hyper - INFO - Strategy Parameter(default): exit_short_rsi = 30
2023-01-13 23:10:48,047 - freqtrade.strategy.hyper - INFO - No params for sell found, using default values.
2023-01-13 23:10:48,047 - freqtrade.strategy.hyper - INFO - Strategy Parameter(default): sell_rsi = 70
2023-01-13 23:10:48,047 - freqtrade.strategy.hyper - INFO - Strategy Parameter(default): short_rsi = 70
2023-01-13 23:10:48,047 - freqtrade.strategy.hyper - INFO - No params for protection found, using default values.
2023-01-13 23:10:48,047 - freqtrade.plugins.protectionmanager - INFO - No protection Handlers defined.
2023-01-13 23:10:48,047 - freqtrade.rpc.rpc_manager - INFO - Sending rpc message: {'type': status, 'status': 'running'}
2023-01-13 23:10:48,047 - freqtrade.worker - INFO - Changing state to: RUNNING
2023-01-13 23:10:48,047 - freqtrade.rpc.rpc_manager - INFO - Sending rpc message: {'type': warning, 'status': 'Dry run is enabled. All trades are simulated.'}
2023-01-13 23:10:48,047 - freqtrade.rpc.rpc_manager - INFO - Sending rpc message: {'type': startup, 'status': "*Exchange:* `binanceus`\n*Stake per trade:* `100 USDT`\n*Minimum ROI:* `{'60': 0.01, '30': 0.02, '0': 0.04}`\n*Stoploss:* `-0.1`\n*Position adjustment:* `Off`\n*Timeframe:* `5m`\n*Strategy:* `SampleStrategy`"}
2023-01-13 23:10:48,047 - freqtrade.rpc.rpc_manager - INFO - Sending rpc message: {'type': startup, 'status': "Searching for USDT pairs to buy and sell based on [{'VolumePairList': 'VolumePairList - top 20 volume pairs.'}]"}
2023-01-13 23:10:53,055 - freqtrade.worker - INFO - Bot heartbeat. PID=28374, version='2023.1.dev-5d45adb37', state='RUNNING'

15) Connect the bot through browser

After successful login , you can view the dashboard