

Report : Yuvaraj_Binance_bot

CLI Execution :

Purpose: This command simulates a **market order** on BTCUSDT using the bot CLI.

Dry Mode: Ensures **safe testing** without risking real funds.

API Request: The bot constructs a valid Binance Futures API request with all required parameters.

Output: Shows exactly what would be sent to Binance, including timestamp, quantity, and order type.

Logging: Useful for debugging and verifying order parameters before actual execution.

```
C:\Windows\System32\cmd.exe
File "C:\Users\insan\Downloads\your_name_binance_bot\src\cli.py", line 43, in main
    res = bot.place_order(symbol=args.symbol, side=args.side, order_type=args.order_type, quantity=args.quantity, price=args.price, stopPrice=args.stopPrice)
File "C:\Users\insan\Downloads\your_name_binance_bot\src\basic_bot.py", line 68, in place_order
    return self._send_signed_request("POST", path, params)
    ~~~~~^~~~~~
File "C:\Users\insan\Downloads\your_name_binance_bot\src\basic_bot.py", line 29, in _send_signed_request
    raise ValueError('API secret not provided for a signed request.')
ValueError: API secret not provided for a signed request.
Order failed: API secret not provided for a signed request.

C:\Users\insan\Downloads\your_name_binance_bot>python src/cli.py MARKET BTCUSDT BUY 0.001 --dry --api_key dummy --api_secret dummy
2025-09-30 19:34:12,284 | INFO | Placing order: MARKET BUY BTCUSDT qty=0.001 price=None stopPrice=None
2025-09-30 19:34:12,312 | INFO | Order response: {
  "mock": true,
  "url": "https://testnet.binancefuture.com/fapi/v1/order?symbol=BTCUSDT&side=BUY&type=MARKET&quantity=0.001&reduceOnly=false&timestamp=1759241052284&recvWindow=5000&signature=89efba155327b7f2e34919a6582fa8267b837851405561e2fb96c8ec59b85be1",
  "method": "POST",
  "params": {
    "symbol": "BTCUSDT",
    "side": "BUY",
    "type": "MARKET",
    "quantity": 0.001,
    "reduceOnly": "false",
    "timestamp": 1759241052284,
    "recvWindow": 5000
  }
}

ORDER RESPONSE:
{
  "mock": true,
  "url": "https://testnet.binancefuture.com/fapi/v1/order?symbol=BTCUSDT&side=BUY&type=MARKET&quantity=0.001&reduceOnly=false&timestamp=1759241052284&recvWindow=5000&signature=89efba155327b7f2e34919a6582fa8267b837851405561e2fb96c8ec59b85be1",
  "method": "POST",
  "params": {
    "symbol": "BTCUSDT",
    "side": "BUY",
    "type": "MARKET",
    "quantity": 0.001,
    "reduceOnly": "false",
    "timestamp": 1759241052284,
    "recvWindow": 5000
  }
}

C:\Users\insan\Downloads\your_name_binance_bot>
```

Stop_limit Execution :

The function **builds the order request** for Binance Futures.

Signs it (normally requires API keys, but dry=True bypasses it).

Returns the **mock request details** for verification.

This lets you **test your bot logic safely** before placing real trades.

```
C:\Users\insan\Downloads\your_name_binance_bot>
C:\Users\insan\Downloads\your_name_binance_bot>python -c "import sys; sys.path.append(r'C:\Users\insan\Downloads\your_name_binance_bot\src'); from src.advanced.stop_limit import place_stop_market; res = place_stop_market('dummy', 'dummy', 'BTCUSD', 'SELL', 0.001, stopPrice=24000, dry=True); print(res)"
{'mock': True, 'url': 'https://testnet.binancefuture.com/fapi/v1/order?symbol=BTCUSD&side=SELL&type=STOP_MARKET&quantity=0.001&reduceOnly=false&stopPrice=24000&timestamp=1759242355840&recvWindow=5000&signature=5e895c3acc17ab9dd4f85b27d0b7be52cde6e73d8b6cab101eec1735b2d36080', 'method': 'POST', 'params': {'symbol': 'BTCUSD', 'side': 'SELL', 'type': 'STOP_MARKET', 'quantity': 0.001, 'reduceOnly': 'false', 'stopPrice': 24000, 'timestamp': 1759242355840, 'recvWindow': 5000}}
```

OCO Execution :

Purpose: Simulates an OCO order to manage profit and risk.

Dry Mode: Ensures safe testing without real trading.

Output: Shows full API request info for both orders (LIMIT and STOP_MARKET).

Use Case: Helps verify order parameters before executing on Binance Testnet or live account.

```
C:\Users\insan\Downloads\your_name_binance_bot>
C:\Users\insan\Downloads\your_name_binance_bot>python -c "import sys; sys.path.append(r'C:\Users\insan\Downloads\your_name_binance_bot\src'); from src.advanced.oco import place_oco; res = place_oco('dummy', 'dummy', 'BTCUSD', 'BUY', 0.001, take_profit price=26000, stop_price=24000, dry=True); print(res)"
{'take_profit': {'mock': True, 'url': 'https://testnet.binancefuture.com/fapi/v1/order?symbol=BTCUSD&side=SELL&type=LIMIT&quantity=0.001&reduceOnly=false&price=26000&timeInForce=GTC&timestamp=1759245128810&recvWindow=5000&signature=1b66aace025d25217157db46163c966e0687eef8abdf4d42156e69b4cb5e28a', 'method': 'POST', 'params': {'symbol': 'BTCUSD', 'side': 'SELL', 'type': 'LIMIT', 'quantity': 0.001, 'reduceOnly': 'false', 'price': 26000, 'timeInForce': 'GTC', 'timestamp': 1759245128810, 'recvWindow': 5000}}, 'stop_market': {'mock': True, 'url': 'https://testnet.binancefuture.com/fapi/v1/order?symbol=BTCUSD&side=SELL&type=STOP_MARKET&quantity=0.001&reduceOnly=false&stopPrice=24000&timestamp=1759245128810&recvWindow=5000&signature=6c7a8b266d48c16864224f67c19cbdb49e1f732faa255c2b4a18e47538560086', 'method': 'POST', 'params': {'symbol': 'BTCUSD', 'side': 'SELL', 'type': 'STOP_MARKET', 'quantity': 0.001, 'reduceOnly': 'false', 'stopPrice': 24000, 'timestamp': 1759245128810, 'recvWindow': 5000}}}
```

TWAP Execution :

Purpose: Execute large trades in smaller slices to minimize market impact.

Simulation: Safe testing with dry=True.

Output: Shows each slice's API request parameters including quantity, timestamp, and type.

Use Case: Useful for professional trading strategies or testing execution algorithms.

```
C:\Users\insan\Downloads\your_name_binance_bot>python -c "import sys; sys.path.append(r'C:\Users\insan\Downloads\your_name_binance_bot\src'); from src.advanced.twap import twap; res = twap('dummy', 'dummy', 'BTCUSD', 'BUY', 0.005, slices=3, interval=1, dry=True); print(res)"
[{'mock': True, 'url': 'https://testnet.binancefuture.com/fapi/v1/order?symbol=BTCUSD&side=BUY&type=MARKET&quantity=0.00166667&reduceOnly=false&timestamp=1759245145902&recvWindow=5000&signature=6cdc16e7c2ac91c5828bc76000dfc5c0b5fd53a77db934a2bc7ed4b11936a637', 'method': 'POST', 'params': {'symbol': 'BTCUSD', 'side': 'BUY', 'type': 'MARKET', 'quantity': 0.00166667, 'reduceOnly': 'false', 'timestamp': 1759245145902, 'recvWindow': 5000}}, {'mock': True, 'url': 'https://testnet.binancefuture.com/fapi/v1/order?symbol=BTCUSD&side=BUY&type=MARKET&quantity=0.00166667&reduceOnly=false&timestamp=1759245146902&recvWindow=5000&signature=704803e24b3e15e520569b9296e2bc6a734cf52c263e32f74e16ec6e850b9b6', 'method': 'POST', 'params': {'symbol': 'BTCUSD', 'side': 'BUY', 'type': 'MARKET', 'quantity': 0.00166667, 'reduceOnly': 'false', 'timestamp': 1759245146902, 'recvWindow': 5000}}, {'mock': True, 'url': 'https://testnet.binancefuture.com/fapi/v1/order?symbol=BTCUSD&side=BUY&type=MARKET&quantity=0.00166667&reduceOnly=false&timestamp=1759245147903&recvWindow=5000&signature=977a82cdd643c3483832f680c66f88bfc0da379d2b8c051ae44a82bc443ac58b', 'method': 'POST', 'params': {'symbol': 'BTCUSD', 'side': 'BUY', 'type': 'MARKET', 'quantity': 0.00166667, 'reduceOnly': 'false', 'timestamp': 1759245147903, 'recvWindow': 5000}}]
```

Grid Execution :

Purpose: Automates buy/sell at predefined price levels to profit from market volatility.

Simulation: Safe testing with dry=True.

Output: Shows all planned BUY/SELL orders with prices, quantity, and API request details.

Use Case: Useful for range-bound markets or professional trading strategies.

```
C:\Users\insan\Downloads\your_name_binance_bot>python -c "import sys; sys.path.append(r'C:\Users\insan\Downloads\your_name_binance_bot\src'); from src.advanced.grid_strategy import create_grid; res = create_grid('dummy', 'dummy', 'BTCUSD', 20000, 25000, 3, 0.001, dry=True); print(res)"
[{'mock': True, 'url': 'https://testnet.binancefuture.com/fapi/v1/order?symbol=BTCUSD&side=BUY&type=LIMIT&quantity=0.001&reduceOnly=false&price=20000.0&timeInForce=GTC&timestamp=1759245164624&recvWindow=5000&signature=7fdb720e0bfa9c86c95447dafab38db3a81fb6bcb5d6cf4d725c14728a80c10', 'method': 'POST', 'params': {'symbol': 'BTCUSD', 'side': 'BUY', 'type': 'LIMIT', 'quantity': 0.001, 'reduceOnly': 'false', 'price': 20000.0, 'timeInForce': 'GTC', 'timestamp': 1759245164624, 'recvWindow': 5000}}, {'mock': True, 'url': 'https://testnet.binancefuture.com/fapi/v1/order?symbol=BTCUSD&side=SELL&type=LIMIT&quantity=0.001&reduceOnly=false&price=21666.67&timeInForce=GTC&timestamp=1759245164625&recvWindow=5000&signature=c8e6fd0f0588ac9e13acc205bf65968f673f518812f4290d15cf1ef5ad8043534', 'method': 'POST', 'params': {'symbol': 'BTCUSD', 'side': 'SELL', 'type': 'LIMIT', 'quantity': 0.001, 'reduceOnly': 'false', 'price': 21666.67, 'timeInForce': 'GTC', 'timestamp': 1759245164625, 'recvWindow': 5000}}, {'mock': True, 'url': 'https://testnet.binancefuture.com/fapi/v1/order?symbol=BTCUSD&side=BUY&type=LIMIT&quantity=0.001&reduceOnly=false&price=21666.67&timeInForce=GTC&timestamp=1759245164625&recvWindow=5000&signature=2f725126b8d49cfc2c09014603e4e9ea69df4f3ccf71e978948aa988b7eacd36', 'method': 'POST', 'params': {'symbol': 'BTCUSD', 'side': 'BUY', 'type': 'LIMIT', 'quantity': 0.001, 'reduceOnly': 'false', 'price': 21666.67, 'timeInForce': 'GTC', 'timestamp': 1759245164625, 'recvWindow': 5000}}, {'mock': True, 'url': 'https://testnet.binancefuture.com/fapi/v1/order?symbol=BTCUSD&side=SELL&type=LIMIT&quantity=0.001&reduceOnly=false&price=23333.34&timeInForce=GTC&timestamp=1759245164625&recvWindow=5000&signature=73e85d3c2cb743a9b22bbd0f12b5035d559812fea45dfcb60a1c8516de1378c7', 'method': 'POST', 'params': {'symbol': 'BTCUSD', 'side': 'SELL', 'type': 'LIMIT', 'quantity': 0.001, 'reduceOnly': 'false', 'price': 23333.34, 'timeInForce': 'GTC', 'timestamp': 1759245164625, 'recvWindow': 5000}}, {'mock': True, 'url': 'https://testnet.binancefuture.com/fapi/v1/order?symbol=BTCUSD&side=BUY&type=LIMIT&quantity=0.001&reduceOnly=false&price=23333.33&timeInForce=GTC&timestamp=1759245164625&recvWindow=5000&signature=98568530b0fcb5e639d8b3e96a5f0780f1f6335839b524eca874f17db1caa987', 'method': 'POST', 'params': {'symbol': 'BTCUSD', 'side': 'BUY', 'type': 'LIMIT', 'quantity': 0.001, 'reduceOnly': 'false', 'price': 23333.33, 'timeInForce': 'GTC', 'timestamp': 1759245164625, 'recvWindow': 5000}}, {'mock': True, 'url': 'https://testnet.binancefuture.com/fapi/v1/order?symbol=BTCUSD&side=SELL&type=LIMIT&quantity=0.001&reduceOnly=false&price=25000.0&timeInForce=GTC&timestamp=1759245164625&recvWindow=5000&signature=4f7cd83c1c071b6081c191e250c70f135fccf49948699f624ad8858765995c48', 'method': 'POST', 'params': {'symbol': 'BTCUSD', 'side': 'SELL', 'type': 'LIMIT', 'quantity': 0.001, 'reduceOnly': 'false', 'price': 25000.0, 'timeInForce': 'GTC', 'timestamp': 1759245164625, 'recvWindow': 5000}}]
```