Deploying a Trading Strategy in Live Market

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Outline

- Introduction to Heroku

- Deploying trading strategy live using Heroku.

- Monitoring a live trading system.

Opening a Heroku account

Heroku Dashboard

Creating a Heroku App

Deployment Guide (1)

- Defining Procfile: A text file in the root directory of your application, to explicitly declare what command should be executed to start your app.

- Defining Runtime: A text file in the root directory that specify a Python version of the runtime.

- Defining Requirements: A file that specify all the dependencies to execute the algorithm.

- Install Git: https://git-scm.com/

- Install Heroku CLI : https://devcenter.heroku.com/articles/heroku-cli

- Heroku deployment guide : https://devcenter.heroku.com/articles/getting-started-with-python

Deployment Guide (2)

- Use the following commands to initialize a git repository in a new or existing directory

```
$ git init
$ heroku git:remote -a your-app-name
```

- Use the following commands to commit your code to the repository and deploy it to Heroku using Git.

```
$ git add .
$ git commit -am "your commit message"
$ git push heroku master
```

- To run the code we scale and assign a worker to run the code.

```
$ heroku ps:scale worker=1
```

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Task for Day 4

Deploy the Time-series momentum

- Deploy the live trading version of the time-series momentum strategy that was part of the task for day 3.

- Use Heroku for deployment.

- Log the monitoring metrics for a day.

- Give the link of Github repo.

- Last date for submission : 10-05-2022

- Submission form link : https://forms.gle/spYLwxrSuFDoybnY6