

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

Already have an account? [Log in](#)


Sign up for free and experience Heroku today

Free account

Create apps, connect databases and add-on services, and collaborate on your apps, for free.

Your app platform

A platform for apps, with app management & instant scaling, for development and production.

Deploy now

Go from code to running app in minutes. Deploy, scale, and deliver your app to the world.

First name *

Harkishan

Last name *

Baniya

Email address *

Company name

Company name

Role *


Student


Country/Region *

India

Primary development language *

Python

 I'm not a robot


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CREATE FREE ACCOUNT

Signing up signifies that you have read and agree to the [Terms of Service](#) and our [Privacy Policy](#).
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Heroku Dashboard

Salesforce Platform



Jump to Favorites, Apps, Pipelines, Spaces...

Personal

New



Welcome to Heroku

Now that your account has been set up, here's how to get started.

Dismiss



Create a new app

Create your first app and deploy your code to a running dyno.

Create new app



Create a team

Create teams to collaborate on your apps and pipelines.

Create a team

Looking for help getting started with your language?

Get started by reading one of our language guides in the Dev Center



Node.js



Ruby



Java



PHP



Python



Go



Scala



Clojure

You can learn more and get started with Heroku in the [Heroku Dev Center](#)



Creating a Heroku App

Salesforce Platform



HEROKU

Jump to Favorites, Apps, Pipelines, Spaces...

Create New App

App name

test-data-stream 

test-data-stream is available

Choose a region

 United States 

Add to pipeline...

Create 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
```


QNA



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>

