## Deploying a Trading Strategy in Live Market



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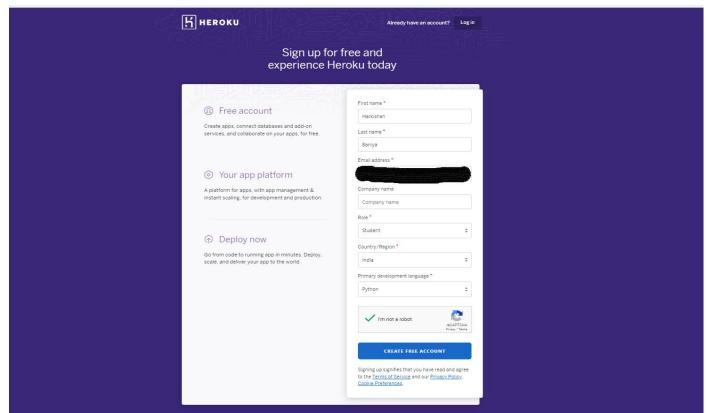


#### Outline

- Introduction to Heroku
- Deploying trading strategy live using Heroku.
- Monitoring a live trading system.

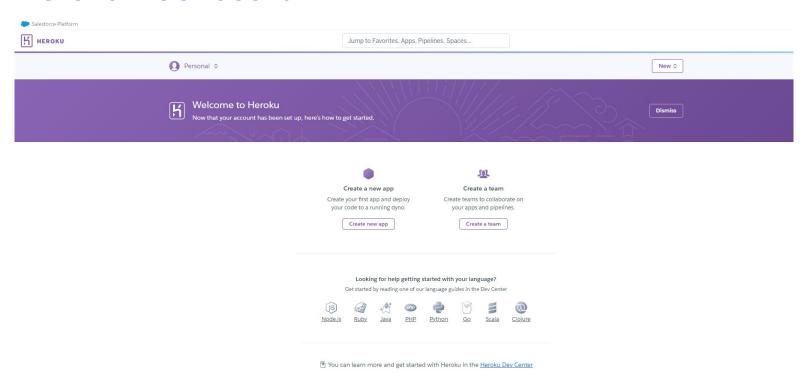


## Opening a Heroku account





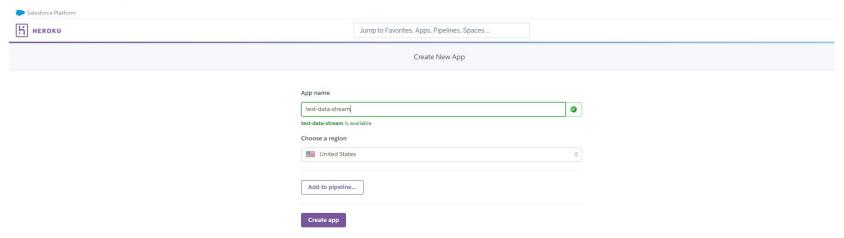
#### Heroku Dashboard





heroku.com Blogs Careers Documentation Support

## 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: <a href="https://git-scm.com/">https://git-scm.com/</a>
- Install Heroku CLI : <a href="https://devcenter.heroku.com/articles/heroku-cli">https://devcenter.heroku.com/articles/heroku-cli</a>
- Heroku deployment guide : <a href="https://devcenter.heroku.com/articles/getting-started-with-python">https://devcenter.heroku.com/articles/getting-started-with-python</a>

## 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

