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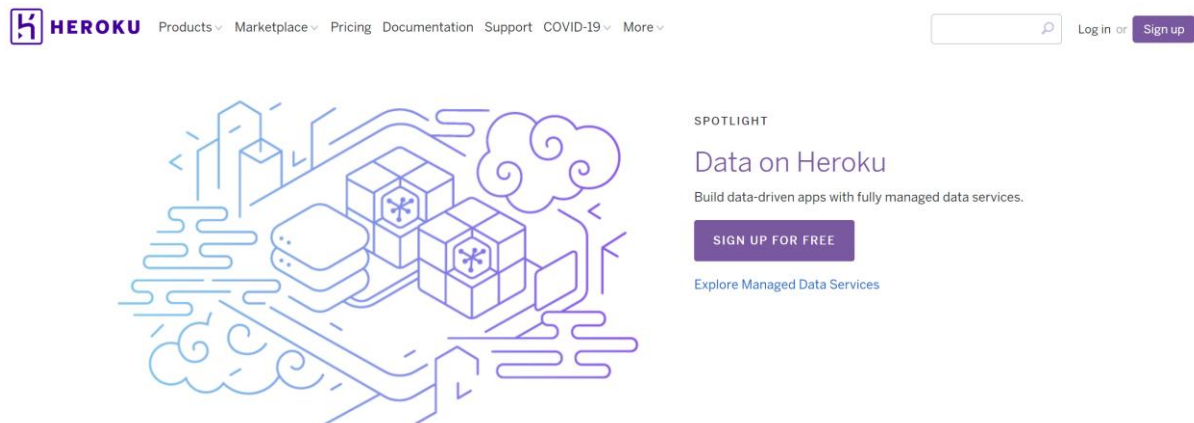
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# Installation Guide

How to install the Q-Methodology Application on Heroku

## Step 1: Login/Create a Heroku account

Navigate to <https://www.heroku.com/> and login to your account



## Step 2: Click Create new app



### 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

## Step 3: Type in your desired app name

App name

Choose a region


 United States

Add to pipeline...

Create app

## Step 4: Install the Postgres database add-on

Navigate to the **Resources** tab and add **Heroku Postgres**



Overview Resources Deploy Metrics Activity Access Settings

Free Dynos [Change Dyno Type](#)

web gunicorn --bind 0.0.0.0:\$PORT app:app 50.00

Add-ons [Find more add-ons](#)

Heroku Postgres

There are no add-ons for this app  
You can add add-ons to this app and they will show here. [Learn more](#)

Estimated Monthly Cost 50.00

## Step 5: Install the Heroku CLI

If you don't already have **git** installed, follow the steps in these links:

<https://git-scm.com/book/en/v2/Getting-Started-Installing-Git>

<https://git-scm.com/book/en/v2/Getting-Started-First-Time-Git-Setup>

After installation of **git**, follow the steps to install the **Heroku CLI** through

<https://devcenter.heroku.com/articles/heroku-cli>

Alternatively, this can also be found under the **Deploy** tab

Overview Resources **Deploy** Metrics Activity Access Settings

**Add this app to a pipeline**

Create a new pipeline or choose an existing one and add this app to a stage in it.

**Add this app to a stage in a pipeline to enable additional features**

Pipelines let you connect multiple apps together and **promote code** between them. [Learn more.](#)

Pipelines connected to GitHub can enable **review apps**, and create apps for new pull requests. [Learn more.](#)

Choose a pipeline

**Deployment method**

Heroku Git Use Heroku CLI

GitHub Connect to GitHub

Container Registry Use Heroku CLI

**Deploy using Heroku Git**

Use git in the command line or a GUI tool to deploy this app.

**Install the Heroku CLI**

Download and install the [Heroku CLI](#). **Click**

If you haven't already, log in to your Heroku account and follow the prompts to create a new SSH public key.

```
$ heroku login
```

Open a command line window by typing in **cmd** in your start menu on Windows.

Type **heroku login** and login using your Heroku account

```
CA Command Prompt - heroku login
Microsoft Windows [Version 10.0.19043.1237]
(c) Microsoft Corporation. All rights reserved.

C:\Users\>heroku login
» Warning: heroku update available from 7.53.0 to 7.56.1.
heroku: Press any key to open up the browser to login or q to exit:
```

```
CA Command Prompt
Microsoft Windows [Version 10.0.19043.1237]
(c) Microsoft Corporation. All rights reserved.

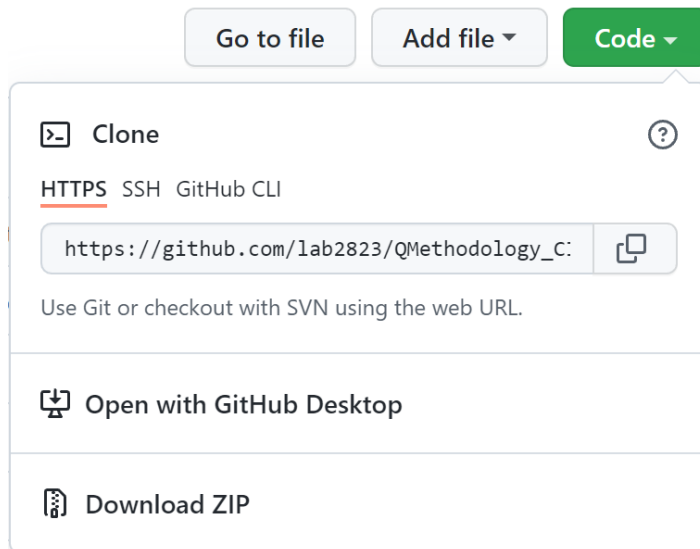
C:\Users\>heroku login
» Warning: heroku update available from 7.53.0 to 7.56.1.
heroku: Press any key to open up the browser to login or q to exit:
Opening browser to https://cli-auth.heroku.com/auth/cli/browser/48c6cf4e-4c74-4320-8d29-5d4432699a98?requestor=SfMyNTY.g
2gDbQAAAA4xMDYuNjkuMjUyLjIxN24GAEBmIHB8AWIAAVGA.7fZtWpWe_2xk0Zw4jg9WlIyvatEmL7cL2pRwmRyIriQ
Logging in... done
Logged in as
```

## Step 6: Create a new git repository

If you do not have the project on your computer, navigate to

[https://github.com/lab2823/QMethodology\\_CITS3200](https://github.com/lab2823/QMethodology_CITS3200)

and download the project by clicking on **Code** and **Download ZIP**



Unzip the file by right clicking on the folder and extracting it.

Using the `cd` command, navigate to the **project directory** (ie. where the project is located on your computer). In this example, the project is located in the **folder** called **QMethodology\_3200-dev** which is located in the **Desktop**

```
Command Prompt
Microsoft Windows [Version 10.0.19043.1237]
(c) Microsoft Corporation. All rights reserved.

C:\Users\>heroku login
» Warning: heroku update available from 7.53.0 to 7.56.1.
heroku: Press any key to open up the browser to login or q to exit:
Opening browser to https://cli-auth.heroku.com/auth/cli/browser/48c6cf4e-4c74-4320-8d29-5d4432699a98?requestor=SFMNTY.g
2gDbQAAAA4xMDYuNjkuMjUyLjIxN24GAEBmIHB8AWIAAVGA.7fZtWpWe_2xk0Zw4jg9WlIyvatEmL7cL2pRwmRyIriQ
Logging in... done
Logged in as >

C:\Users\>cd desktop
C:\Users\Desktop>cd QMethodology_CITS3200-dev
```

Note: you may need to use the `cd` command again to navigate to the code folder.  
See below:

```
Command Prompt
Microsoft Windows [Version 10.0.19043.1237]
(c) Microsoft Corporation. All rights reserved.

C:\Users\>heroku login
  » Warning: heroku update available from 7.53.0 to 7.56.1.
heroku: Press any key to open up the browser to login or q to exit:
Opening browser to https://cli-auth.heroku.com/auth/cli/browser/48c6cf4e-4c74-4320-8d29-5d4432699a98?requestor=SFMyNTY.g
2gDbQAAAA4xMDYuNjkuMjUyLjIxN24GAEBmIHB8AWIAVGA.7fZtWpWe_2xk0Zw4jg9WlIyvatEmL7cL2pRwmRyIriQ
Logging in... done
Logged in as

C:\Users\>cd desktop
C:\Users\Desktop>cd QMethodology_CITS3200-dev
C:\Users\Desktop\QMethodology_CITS3200-dev>cd QMethodology_CITS3200-dev
C:\Users\Desktop\QMethodology_CITS3200-dev\QMethodology_CITS3200-dev>
```

Run the following code one by one:

```
git init
heroku git:remote -a "App name"
git add .
git commit -am "make it better"
git push heroku master
```

*App name* is the name you chose in the Heroku website in **Step 3**

Note: If `git push heroku master` does not work, run

```
C:\Users\Desktop\QMethodology_CITS3200-dev\QMethodology_CITS3200-dev>heroku git:remote -a deploygamergang
  » Warning: heroku update available from 7.53.0 to 7.56.1.
set git remote heroku to https://git.heroku.com/deploygamergang.git
C:\Users\Desktop\QMethodology_CITS3200-dev\QMethodology_CITS3200-dev>

remote: ----> Discovering process types
remote:       Procfile declares types -> web
remote:
remote: ----> Compressing...
remote:       Done: 81.1M
remote: ----> Launching...
remote:       Released v3
remote:       https://deploygamergang.herokuapp.com/ deployed to Heroku
remote:
```

Enter the link shown in the console on your browser. This is  
<https://APPNAME.herokuapp.com/>

Your app should now be running.