


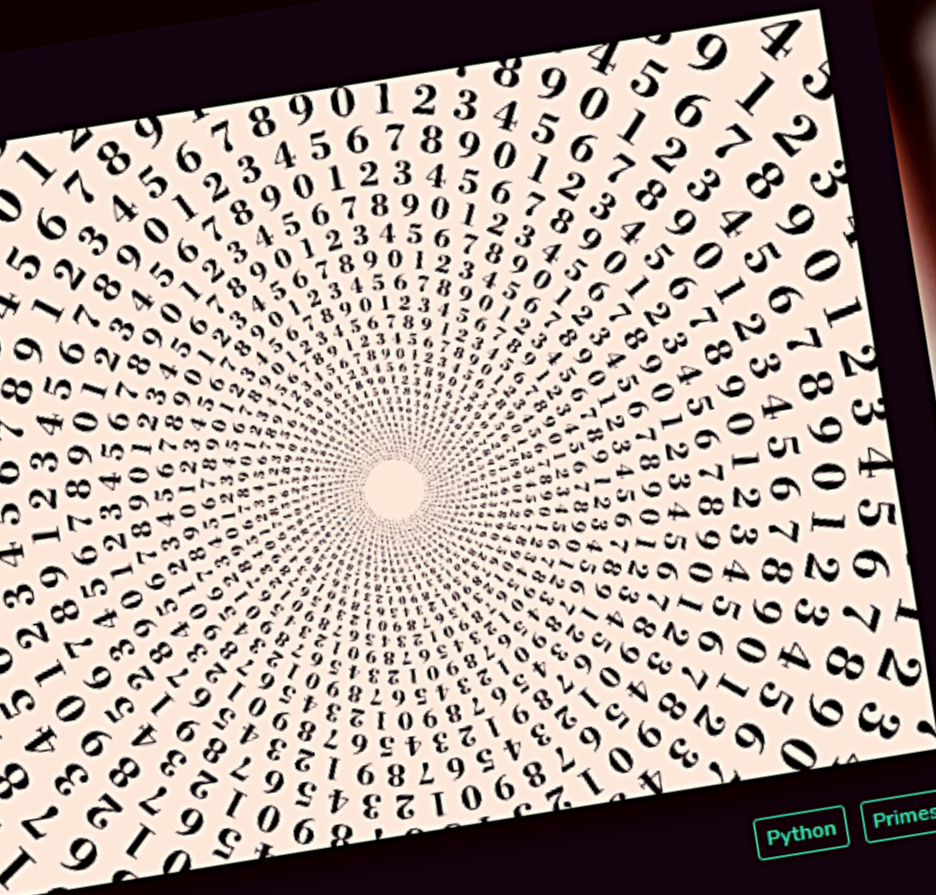


Hi I'm Johnny, and I'm a Data Scientist. My portfolio is an ongoing project that has been undertaken, with a strong emphasis on business impact. Please visit my GitHub (to download my Resume) by using the links below!

📍 London, UK

 Github

 LinkedIn



Python

Primes

🕒 1 minute read

Coffee & Python

My first project is all about how much I LOVE Python so much, here is some code! my_love_for_python.py

🕒 1 minute read

Finding Prime Numbers with Python

In this post I'm going to run through a function in Python that can quickly find all the prime numbers below a given value. For example...

GETTING STARTED WITH YOUR GITHUB PORTFOLIO

**IF DONE WELL, A PORTFOLIO OF
PROJECTS CAN SHOWCASE YOUR
VALUE TO HIRING MANAGERS.**

**I WANT YOUR PORTFOLIO TO
STAND OUT ABOVE THOSE OF
OTHER CANDIDATES!**

COPYING THE PORTFOLIO REPOSITORY TO YOUR GITHUB

❶ Make sure you are logged in to **your** GitHub account (the one where you want the portfolio to exist in)

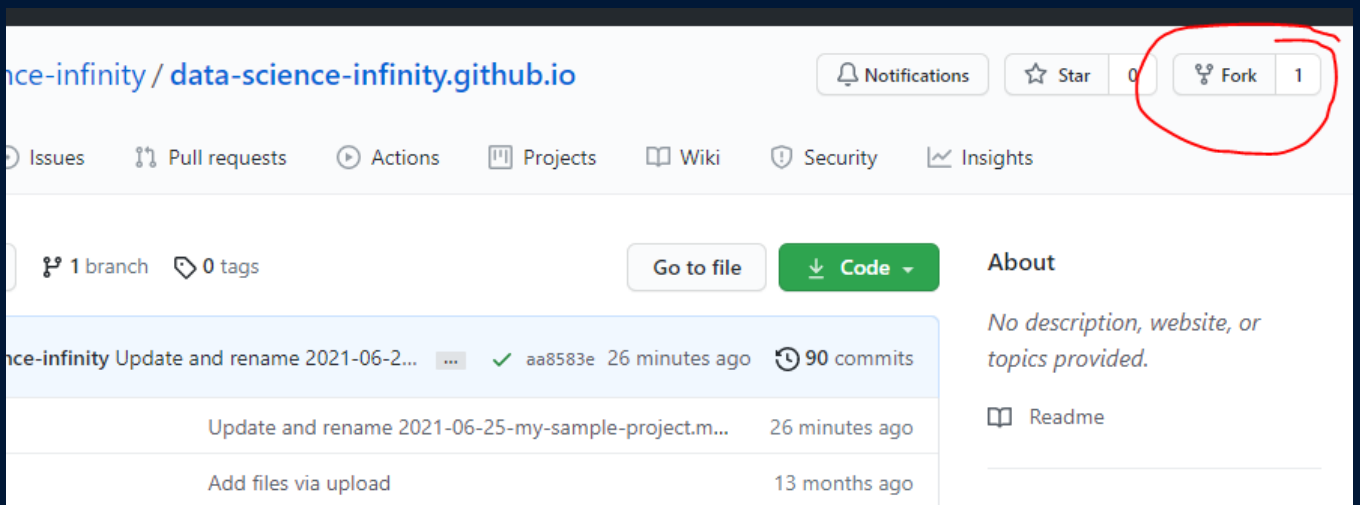
❷ Once you are logged into your account, head to the below URL (right click - and open in new tab)



<https://github.com/data-science-infinity/data-science-infinity.github.io>

(This is the location of the portfolio on the DSI Github account. We will be copying it over to your account)

❸ To make this copy, when at the DSI Github page (the link above) click **Fork** at the top right

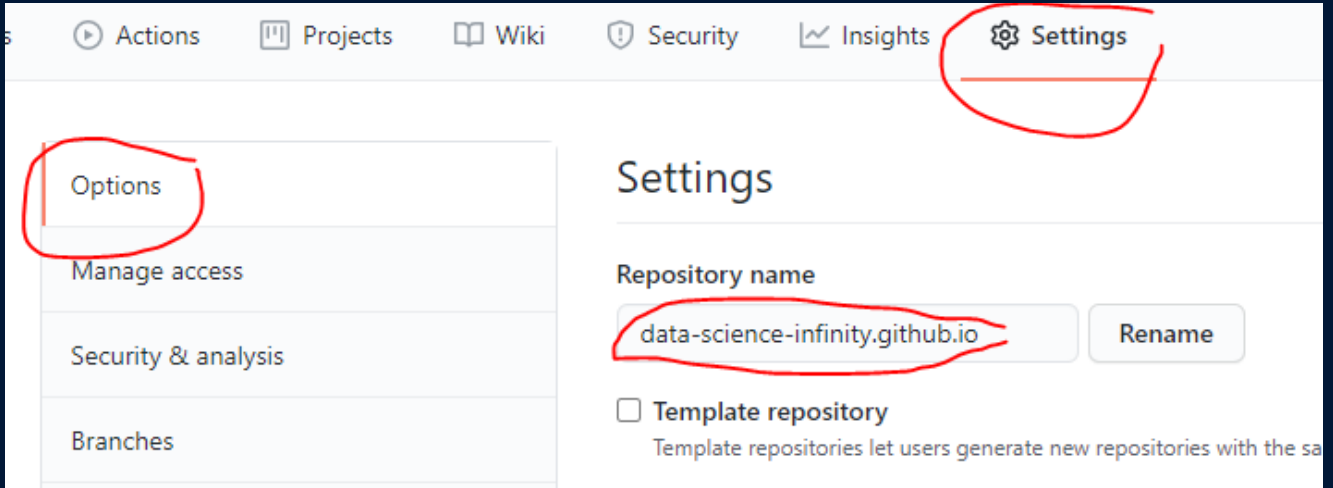


(Clicking Fork will move a copy of this specific repository over to your Github account. You will see a progress screen for several seconds as the copy is made, and then will be taken to your new repo!)

❹ After the Fork is complete, and you have been taken back to **your** Github account, *click into* the new repository (which will still be called data-science-infinity.github.io)

5

In the *Settings* tab of your repository, make sure you are in *Options* and then rename the repository name to be *your Github username*.



(For example, if your GitHub username was *pythonlover89* then you would change this field from *data-science-infinity.github.io* to instead be *pythonlover89.github.io*)

6

Click the *Rename* button next to where you've just changed the repo name, to put this change into action

7

After about a minute, you should be able to access your page by opening up a new tab and going to the URL that you just set!

As an example, the site for Github user *pythonlover89* would be *<https://pythonlover89.github.io>*

Congratulations - your portfolio should now be up and running!

**GOODBYE JOHNNY
HOPKINS.**

HELLO YOU!

UPLOAD YOUR PROFILE PICTURE

When you first access your portfolio there is a placeholder image called *profile_picture.jpg* (which exists in the *img* folder)

Let's upload YOUR profile picture now!

- 1 Get the best, most professional image of yourself!
- 2 Before adding to your portfolio site, make sure the image is of *square* dimensions (otherwise it will end up squished on the site!)

There are tools on your local machine that can do this, but you can also use a site such as...



<https://croppola.com/>

- 3 Back in Github, open the *img/* folder that is in the root directory of your portfolio repository
- 4 Click *Add files -> Upload files* -> Drag your square photo file into this folder
- 5 COMMIT THIS UPLOAD!

This is all you need to do for now, we will point to this file later on!

UPLOAD YOUR RESUME/CV

When you first access your portfolio there is a placeholder Resume called *resume.docx* (which exists in the *img* folder) purely to showcase that it will be downloaded upon a user clicking the Resume link on the site.

Let's upload your Resume now!

- 1 On your local PC, save your Resume/CV in the file format you want, Word & PDF are most common - name your Resume/CV file sensibly – the file name you have for it will be the file name a hiring manager or recruiter sees when they download it. A good approach is to simply use your full name, and potentially the month and/or year (to help you keep track of updates you make over time) - so something like “Johnny Hopkins Resume 2021”
- 2 Back in Github, open the *docs/* folder that is in the root directory of your portfolio repository
- 3 Click *Add files -> Upload files ->* Drag your Resume file into this folder
- 4 COMMIT THIS UPLOAD!

This is all you need to do for now, we will point to this file in the next set of instructions!

UPDATE YOUR PERSONAL DETAILS

1

Click on the *_config.yml* file that exists in the root directory of your portfolio repository. This file controls all of your personal details for the site.

2

Click the pencil button to edit the contents of this file

3

Under *General Site Settings*, make the following changes:

- Find “title” and change “Johnny Hopkins” to your name
- Find “description” and amend this text (keep this around the same length, you want this to be short but impactful – your Resume will be the document to showcase you in more detail)

4

Under *About Section*, make the following changes:

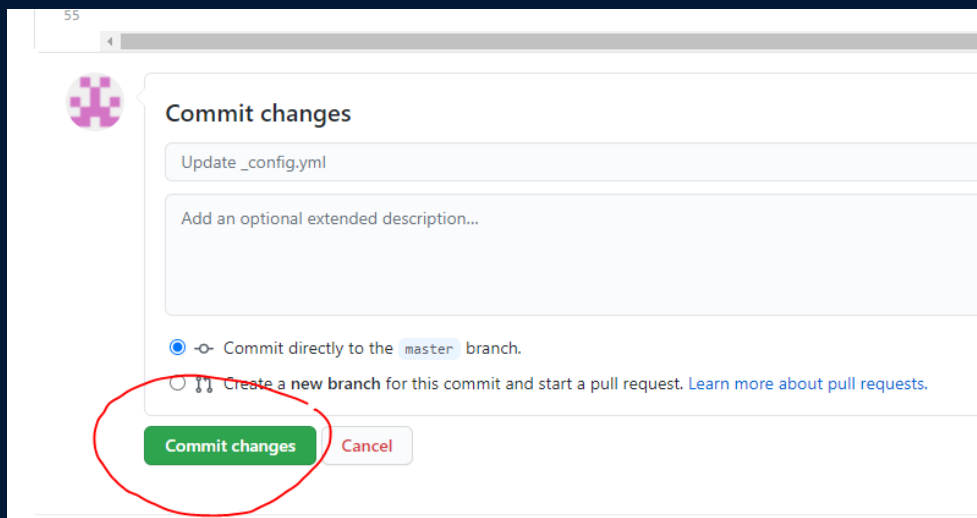
- Find “location” and update this to *your* location (don't remove the quotation marks)
- Find “resume_url” and change this to the location of the Resume file that you uploaded earlier in the instructions (i.e. change `/docs/resume.docx` to `/docs/<your-resume-file-name.pdf>` or whatever it was you called it! Remember to include the file type like `.pdf` or `.docx` etc)
- Find “avatar_img” and change this to the location of the profile picture file that you uploaded earlier in the instructions (i.e. change `/img/profile_picture.jpg` to `/img/<your-photo-file-name.jpg>` or whatever it was you called it! Remember to include the file type like `.jpg` or `.png` etc)

UPDATE YOUR PERSONAL DETAILS

5 Under *Contact Links*, make the following changes:

- Find “linkedin” and change this to the URL of your linkedin profile (make sure this is within double quotation marks)
- Find “github” and change this to the URL of your Github profile (make sure this is within double quotation marks)

6 **MAKE SURE you commit these changes - otherwise they will not be saved!**



7 Refresh your site, and take a look at your changes!

Important Note: Remember that updates to the site can take around 30 seconds to take place. Once you've committed your changes you may not see them instantly!

**LET'S CREATE A
NEW PROJECT**

There is one project already in your portfolio, named “*Finding Prime Numbers With Python*”

This is a simple run-through of the Python mini-project we built together in the *Python Fundamentals* section of DATA SCIENCE INFINITY.

You can keep this one in your portfolio (if you want) but do make sure you understand exactly what is happening with it in case a hiring manager or recruiter asks you about it!

CREATING A NEW PROJECT

To create a new post/project, you need to add a new **markdown** file in the `_posts` folder that exists within the root directory of your portfolio repo on Github.

1 Click into the `_posts` folder that exists within the root directory of your portfolio repo on Github

2 Click *Add file -> Create new file*

3 Using the box at the top, name your new file as follows:



2021-06-25-coffee-and-python.md

For the site to work properly, the naming convention of each project/post is important!

- 4**
- Each project/post **MUST** start with the date, in the format YYYY-MM-DD. If this is not included, the project will not show on the site.
 - The date used is also what determines the order of projects on your site (newest show at the top)
 - At the end of your filename, you must ensure you include **.md** to create this file as a markdown file. Other file types will not display on the site.
 - For the name of your post/project within the filename, you can separate words using hyphens, underscores, or spaces - but for consistency, I recommend using hyphens.

CREATING A NEW PROJECT

- 5** Now you've named your file, head to the link below to get some example Markdown code for your new project (right click - and open in new tab)



https://drive.google.com/file/d/1xcVZilec9JLIVRy4DekPYpCsoaK4b_wN/view

- 6** Copy the code from the txt file



```
layout: post
title: Coffee & Python
image: "/posts/coffee_python.jpg"
tags: [Python, Coffee]

# My first project
## is all about
### how much
#### I LOVE
##### Python & Coffee!

---

Firstly, I love Python so much, here is some code!

---

my_love_for_python = 0
my_python_knowledge = 0

for day in lifetime:
    my_love_for_python += 1
    my_python_knowledge += 1

But so you really see how much I love Python, here is some code BUT with some colours for keywords & functionality!

python
my_love_for_python = 0
my_python_knowledge = 0

for day in lifetime:
    my_love_for_python += 1
    my_python_knowledge += 1

Here is an unordered list** showing some things I love about Python

- For my work
  - Data Analysis
  - Data Visualization
  - Machine Learning
- For fun
  - Deep Learning
  - Computer Vision
  - Projects about Coffee

Here is an ordered list- showing some things I love about coffee

1. The smell
2. Especially in the morning, but also at all times of the day!
3. The taste
4. The fact I can run the 100m in approx. 9 seconds after having 4 cups in quick succession

I love Python & Coffee so much, here is that picture from the top of my project AGAIN, but this time, in the body of my project!

[alt text]([img/posts/coffee_python.jpg "Coffee & Python" - I love them!])

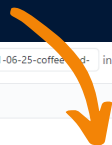
The above image is just linked to the actual file in my Github, but I could also link to images online, using the URL!

Vine Break, like this one below - helps me make sense of what I'm reading, especially when I've had so much coffee that my vision goes a little blurry

---

I should also add things to my project like links, tables, quotes, and code blocks - But I'm wanting to get a complete README. Must be coffee time
```

- 7** Paste the code into the *body* of your new project markdown file



```
data-science-infinity.github.io / _posts / 2021-06-25-coffee-and-python in master Cancel changes

<> Edit file Preview Spaces 4 Soft wrap

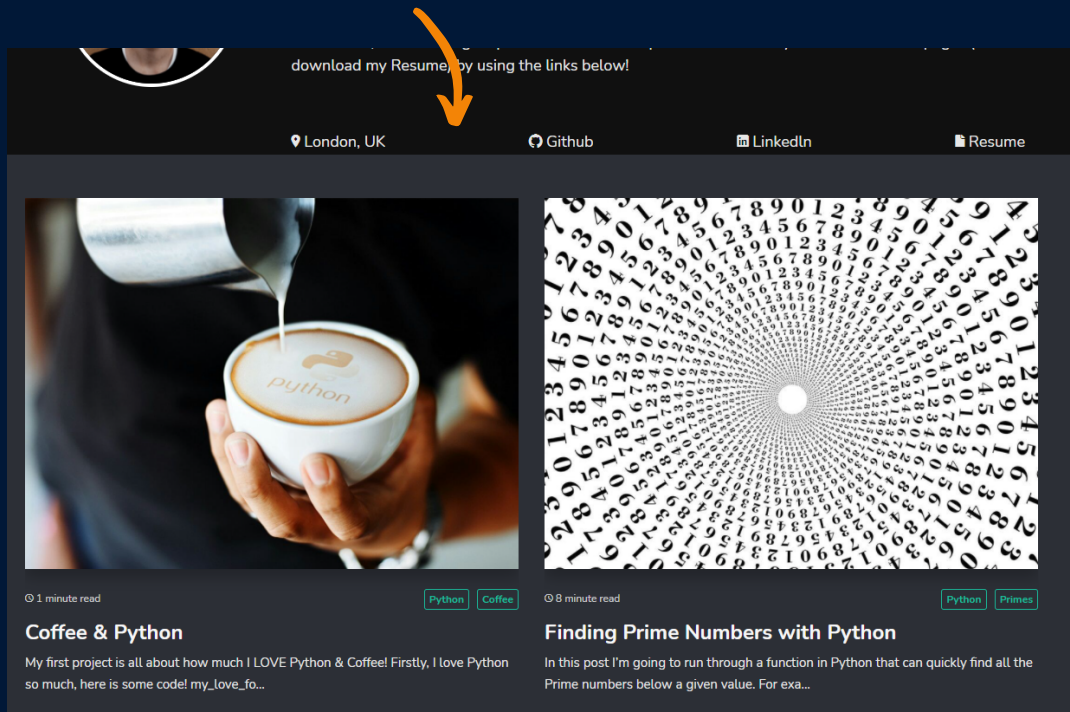
1 ---
2 layout: post
3 title: Coffee & Python
4 image: "/posts/coffee_python.jpg"
5 tags: [Python, Coffee]
6 ---
7
8 # My first project
9 ## is all about
10 ### how much
11 #### I LOVE
12 ##### Python & Coffee!
13
14 ---
15
16 Firstly, I love Python so much, here is some code!
17
18 ---
19 my_love_for_python = 0
20 my_python_knowledge = 0
21
22 for day in lifetime:
23     my_love_for_python += 1
24     my_python_knowledge += 1
25
26 ---
27 Just so you really see how much I love Python, here is some code BUT with some colours for keywords & functionality!
```

- 8** Important! Once you've copied that text into the body of your project **COMMIT the changes!**

CREATING A NEW PROJECT

9

Refresh your portfolio website to see this new project appear (remember, it can take around 30 seconds to process, so be patient)



Nice work! This is the basis for a project using Markdown!

On the *main page* of your portfolio site, you can see that it has a title, an image, and some useful tags.

If you *click into* your new project you can see:

- Different sized headings
- Horizontal lines
- Normal Text (with italics, and bold)
- Code blocks
- Lists (both unordered, and ordered)
- An image

All these are from the Markdown that you added in!

SOME THINGS TO NOTE...

The elements we've added in are what you will need to know for the vast majority of projects that you add, but there are plenty of other elements you can add as well!


Two useful links are:

- <https://www.markdownguide.org/basic-syntax>
- <https://github.com/adam-p/markdown-here/wiki/Markdown-Cheatsheet>

Take another look at the Markdown code for your example project...



Your portfolio has been created in a dynamic way, and to ensure projects look as they should, **we need to always include the following 6 lines** at the top of the project...

An orange arrow pointing from the text 'the following 6 lines' to the code block.

```
---  
layout: post  
title: Coffee & Python  
image: "/posts/coffee_python.jpg"  
tags: [Python, Coffee]  
---
```

For each new project...

- Leave *layout: post* as is, this does not need to change
- Update the *title* - this is the display name of the project)
- Update the *image* - this points to the image file that is used for the project on the main site (and at the top of the project itself)
- Update the *tags* - users can click these to see other projects with similar tags

Note: The images that you will use are stored in the `/img/posts` folder in your repo. If you go into that folder, you will see that the `coffee_python.jpg` image was already there. To add images for future projects, you can just click "Add file" then "Upload files"

FREQUENTLY ASKED QUESTIONS

HOW DO I EDIT A PROJECT?

To edit the contents of a project, simply click on the filename for that project, and then click the pencil icon at the top right. You will need to commit any changes for them to take effect (and wait around 30 seconds for them to be seen on your site)

HOW DO I DELETE A PROJECT?

To delete a project, click on the filename for that project, then click the trashcan icon over to the top right. You will need to commit this delete to actually delete it.

HOW DO I RENAME A PROJECT?

To re-name, or edit the name of a project, simply click on the filename of that project to open it, and then click the pencil icon at the top right (just as you would to edit the contents of the file). The file name should now become available to edit as well. Once changed, make sure you commit the change.

CAN I GET MORE POSTS TO SHOW ON MY SITE'S FRONT PAGE?

By default, your site will display 6 posts/projects per page. If you have more than that a user would need to click a button at the bottom to see more of your work. If you want to show more projects on your site, you can do this.

In the `_config.yml` file, find "paginate" (you can find this on line 28, under the Github & Linkedin links) and increase this to your desired number. Remember to commit this change, and then wait 30 seconds before refreshing your site - you should now see more projects on the site.

USEFUL RESOURCES

MARKDOWN CHEATSHEETS

<https://github.com/adam-p/markdown-here/wiki/Markdown-Cheatsheet>

<https://www.markdownguide.org/basic-syntax>

IN-BROWSER MARKDOWN EDITOR

<https://stackedit.io/>

COMMON ISSUES

If you're having issues with a project, it can be good to check the following things...

- Have you **committed** the changes that you made?
- Has your new project been created as a Markdown file using the **.md** suffix?
- Has the date (in the format **YYYY-MM-DD**) been added to the front of your project filename?
- Have you **waited 30 seconds** for the changes to take place?