

# Creating a Personal Project Site

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# Overview

1. Create a new repository in your Github account with the name  
[`<your-account-name>.github.io`](#)
2. Under **Settings**, select a theme.
3. Clone your repo locally
4. In your local repo, build out an index page ([`index.md`](#) or [`index.html`](#)).
5. Configure your [`.yml`](#) file according to configurations provided with your chosen theme.
6. Push/view/iterate



# NSS Data Science Cohort 2

**Repositories 68**

**People 24**

**Teams 28**

**Projects 0**

**Settings**

Find a repository...

Type: All ▾

Language: All ▾

Customize pinned repositories

**New**

## [data-question-6-247-sports-cardinals](#)

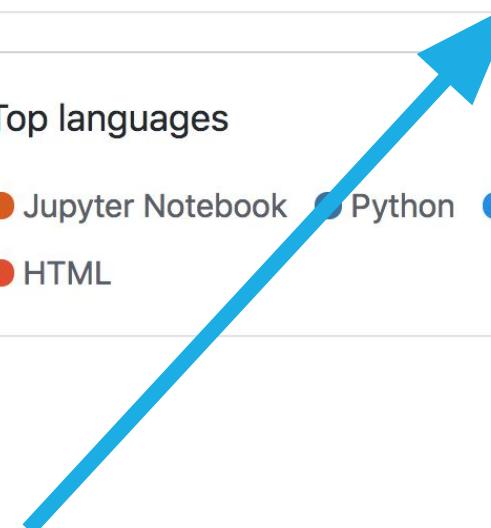
data-question-6-247-sports-cardinals created by GitHub Classroom

Python Updated 18 hours ago

### Top languages

- Jupyter Notebook
- Python
- R
- HTML

Click the **New** button to create a new repository



The repository name  
must be **the name of**  
**your account** followed  
by **.github.io**

## Create a new repository

A repository contains all project files, including the revision history.

Owner



nss-data-science-cohort-2 ▾

Repository name \*

nss-data-science-cohort-2.github.io ✓

Great repository names are short and memorable. Need inspiration? How about [stunning-telegram](#)?

Description (optional)

NSS Data Science Cohort 2 Class Website

 **Public**

Anyone can see this repository. You choose who can commit.

 **Private**

You choose who can see and commit to this repository.

**Initialize this repository with a README**

This will let you immediately clone the repository to your computer. Skip this step if you're importing an existing repository.

Add .gitignore: None ▾

Add a license: None ▾



**Create repository**

[Code](#)[Issues 0](#)[Pull requests 0](#)[Projects 0](#)[Wiki](#)[Insights](#)[Settings](#)

## NSS Data Science Cohort 2 Class Website

[Edit](#)[Manage topics](#)

1 commit

1 branch

0 releases

1 contributor

Branch: master ▾

[New pull request](#)[Create new file](#)[Upload files](#)[Find file](#)[Clone or download ▾](#)

MaryLvV Initial commit

Latest commit 520bc21 just now

README.md

Initial commit

just now

README.md



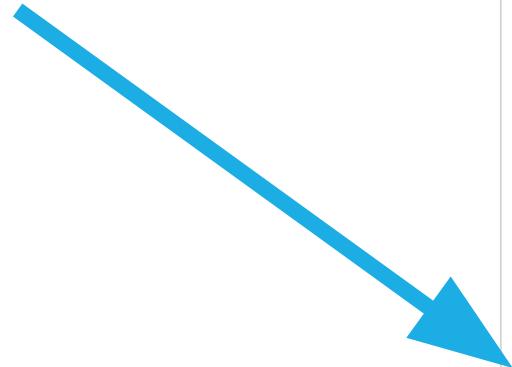
# nss-data-science-cohort-2.github.io

NSS Data Science Cohort 2 Class Website

Select your new  
github.io repo, and click  
the **Settings** tab.

# GitHub Pages

Scroll down to the  
**GitHub Pages** section  
and click the button to  
**Choose a theme**



GitHub Pages is designed to host your personal, organization, or project pages from a GitHub repository.

✓ Your site is published at <https://nss-data-science-cohort-2.github.io/>

## Source

Your GitHub Pages site is currently being built from the master branch. [Learn more.](#)

master branch ▾

Save

User pages must be built from the master branch.

## Theme Chooser

Select a theme to publish your site with a Jekyll theme. [Learn more.](#)

Choose a theme

## Custom domain

Custom domains allow you to serve your site from a domain other than nss-data-science-cohort-2.github.io. [Learn more.](#)

Save

## Enforce HTTPS

— Required for your site because you are using the default domain (nss-data-science-cohort-2.github.io)

HTTPS provides a layer of encryption that prevents others from snooping on or tampering with traffic to your site. When HTTPS is enforced, your site will only be served over HTTPS. [Learn more.](#)

GitHub Pages provides 13 themes.

<https://github.com/search?q=topic%3Agithub-pages+org%3Apages-themes&type=Repositories> You can always change to another theme later and you can (somewhat) integrate your own HTML. A difference amongst themes that is significant is what configurations are allowed/built into the `_config.yml`



Text can be **bold**, *italic*, or ~~strikethrough~~.

Link to another page.

There should be whitespace between paragraphs.

There should be whitespace between paragraphs. We recommend including a README, or a file with information about your project.

## Header 1

This is a normal paragraph following a header. GitHub is a code hosting platform for version control and collaboration. It lets you and others work together on projects from anywhere.

## Header 2

```
title: [The title of your site]
description: [A short description of your site's purpose]
```

## `_config.yml` options

Additionally, you may choose to set the following optional variables:

```
show_downloads: ["true" or "false" to indicate whether to provide a download URL]
google_analytics: [Your Google Analytics tracking ID]
```

# ./ Hacker theme

Hacker is a theme for GitHub Pages.

[Download as .zip](#)

[Download as .tar.gz](#)

[View on GitHub](#)

Text can be **bold**, *italic*, ~~strikethrough~~ or `keyword`.

[Link to another page](#).

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## Header 2

This is a blockquote following a header.

When something is important enough, you do it even if the odds are not in your favor.

```
title: [The title of your site]
description: [A short description of your site's purpose]
```

## \_config.yml options

Additionally, you may choose to set the following optional variables:

```
show_downloads: ["true" or "false" to indicate whether to provide a download URL]
google_analytics: [Your Google Analytics tracking ID]
```

# Slate theme

Slate is a theme for GitHub Pages.



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[Link to another page.](#)

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```
title: [The title of your site]
description: [A short description of your site's purpose]
```

## \_config.yml options

Additionally, you may choose to set the following optional variables:

```
show_downloads: ["true" or "false" to indicate whether to provide a download URL]
google_analytics: [Your Google Analytics tracking ID]
```

# Architect theme

Architect is a theme for GitHub Pages.



Text can be **bold**, *italic*, or ~~strikethrough~~.

[Link to another page.](#)

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architect is maintained by [pages-themes](#).

This page was generated by [GitHub Pages](#).

## / Header 1

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## // Header 2

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When something is important enough, you do it even if the odds are not in your favor.

```
title: [The title of your site]
description: [A short description of your site's purpose]
```

## \_config.yml options

Additionally, you may choose to set the following optional variables:

```
show_downloads: ["true" or "false" to indicate whether to provide a download URL]
google_analytics: [Your Google Analytics tracking ID]
```

# Midnight theme

Midnight is a theme for GitHub Pages.

Project maintained by [pages-themes](#)

Hosted on GitHub Pages — Theme by [mattgraham](#)

Text can be **bold**, *italic*, or ~~strikethrough~~.

[Link to another page.](#)

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## Header 2

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*When something is important enough, you do it even if the odds are not in your favor.*

```
title: [The title of your site]
description: [A short description of your site's purpose]
```

## \_config.yml options

Additionally, you may choose to set the following optional variables:

```
show_downloads: ["true" or "false" to indicate whether to provide a download URL]
google_analytics: [Your Google Analytics tracking ID]
```

# Jekyll Theme Primer

Text can be **bold**, *italic*, or ~~strikethrough~~.

[Link to another page.](#)

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```
title: [The title of your site]
description: [A short description of your site's purpose]
```

## \_config.yml options

Additionally, you may choose to set the following optional variables:

```
google_analytics: [Your Google Analytics tracking ID]
```

# Leap Day theme

Leap Day is a theme for GitHub Pages.

[View On GitHub](#)

DOWNLOADS:

ZIP

TAR



## Header 1

Header 2

Header 3

There's a horizontal rule below this.

Here is an unordered list:

And an ordered list:

And a nested list:

Small image

Large image

Definition lists can be used with HTML syntax:

Text can be **bold**, *italic*, or ~~strikethrough~~.

[Link to another page](#).

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Header 2

`title: [The title of your site]`

`description: [A short description of your site's purpose]`

## \_config.yml options

Additionally, you may choose to set the following optional variables:

`show_downloads: ["true" or "false" to indicate whether to provide a download URL]`

`google_analytics: [Your Google Analytics tracking ID]`

# Dinky theme

Dinky is a red hot theme for GitHub Pages.

[Download ZIP](#)

[Download TAR](#)

[View On GitHub](#)

This project is maintained by [pages-themes](#)

Text can be **bold**, *italic*, or ~~strikethrough~~.

Link to another page.

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`title: [The title of your site]`

`description: [A short description of your site's purpose]`

## \_config.yml options

Additionally, you may choose to set the following optional variables:

`show_downloads: ["true" or "false" to indicate whether to provide a download URL]`

`google_analytics: [Your Google Analytics tracking ID]`

## Modernist theme

Modernist is a theme for GitHub Pages.

[Download ZIP File](#)[Download TAR Ball](#)[View On GitHub](#)

Text can be **bold**, *italic*, or ~~strikethrough~~.

[Link to another page](#).

There should be whitespace between paragraphs.

There should be whitespace between paragraphs. We recommend including a README, or a file with information about your project.

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```
title: [The title of your site]
description: [A short description of your site's purpose]
```

## \_config.yml options

Additionally, you may choose to set the following optional variables:

```
show_downloads: ["true" or "false" to indicate whether to provide a download URL]
google_analytics: [Your Google Analytics tracking ID]
```

# Tactile theme

Tactile is a theme for GitHub Pages.

 Download .zip

 Download .tar.gz

Text can be **bold**, *italic*, or ~~strikethrough~~.

[Link to another page.](#)

There should be whitespace between paragraphs.  
Tactile theme | Tactile is a theme for GitHub Pages.

There should be whitespace between paragraphs. We recommend including a README, or a file with information about your project.

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## Header 2

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When something is important enough, you do it even if the odds are not in your favor.

```
title: [The title of your site]
description: [A short description of your site's purpose]
```

## \_config.yml options

Additionally, you may choose to set the following optional variables:

```
show_downloads: ["true" or "false" to indicate whether to provide a download URL]
google_analytics: [Your Google Analytics tracking ID]
```

# MERLOT THEME

*Merlot is a theme for GitHub Pages.*

[download  
.ZIP](#)

[download  
.TGZ](#)

Text can be **bold**, *italic*, or ~~strikethrough~~.

[Link to another page.](#)

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## **Header 2**

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When something is important enough, you do it even if the odds are not in your favor.

```
title: [The title of your site]
description: [A short description of your site's purpose]
```

## **\_config.yml options**

Additionally, you may choose to set the following optional variables:

```
show_downloads: ["true" or "false" to indicate whether to provide a download URL]
google_analytics: [Your Google Analytics tracking ID]
```

# Time Machine

## theme

Time Machine is a theme for GitHub Pages.

[View Time Machine theme on GitHub](#)

[Download](#)

[Download](#)

Text can be **bold**, *italic*, or ~~strikethrough~~.

[Link to another page.](#)

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`title: [The title of your site]`

`description: [A short description of your site's purpose]`

### \_config.yml options

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`show_downloads: ["true" or "false" to indicate whether to provide a download URL]`

`google_analytics: [Your Google Analytics tracking ID]`

## Minimal theme



Minimal is a theme for GitHub Pages.

[View the Project on GitHub](#)  
pages-themes/minimal

[Download ZIP File](#) [Download TAR Ball](#) [View On GitHub](#)

This project is maintained by [pages-themes](#)

Hosted on GitHub Pages — Theme by [orderedlist](#)

Text can be **bold**, *italic*, or ~~strikethrough~~.

[Link to another page](#).

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### Header 3

```
// Javascript code with syntax highlighting.
var fun = function lang(l) {
  dateformat.i18n = require('./lang/' + l)
  return true;
}
```

```
# Ruby code with syntax highlighting
GitHubPages::Dependencies.gems.each do |gem, version|
  s.add_dependency(gem, "= #{version}")

```

```
title: [The title of your site]
description: [A short description of your site's purpose]
```

## \_config.yml options

Additionally, you may choose to set the following optional variables:

```
logo: [Location of the logo]
show_downloads: ["true" or "false" to indicate whether to provide a download URL]
google_analytics: [Your Google Analytics tracking ID]
```

## Example sites

<https://unsupervisedpandas.com/>

- github.io with custom domain plus jekyll (not a github pages theme)

<http://data-playground.com/>

- github.io with custom domain using github pages minimal theme

<https://stkbaily.github.io/>

- github.io without custom domain and not using a github pages theme

## Resources

<https://help.github.com/articles/what-is-github-pages/>

<https://guides.github.com/features/mastering-markdown/>

<https://help.github.com/articles/adding-a-jekyll-theme-to-your-github-pages-site-with-the-jekyll-theme-chooser/>

<https://help.github.com/categories/customizing-github-pages/>

## **If you want to use a custom domain...**

- 1. Get the domain**
- 2. Create 4 A Records (one for each ip address associated with github.io sites)**
- 3. Add a custom domain in the Settings for your github.io repository**
- 4. Add a Cname record to handle www**

I used domain.com to purchase my domain for \$24 every 2 years

## 1. Get the domain

### Find an available domain

- Use your name
- Use something relevant to the work you want to highlight me as possible



#### SEARCH DOMAINS

SEARCH DOMAINS

Add Domain Privacy to each domain for \$8.99 per year. [What's This?](#)

**Sorry,** data-data-data.com is unavailable.

**data-data-data.com** is taken!

#### SEARCH DOMAINS

SEARCH DOMAINS

Add Domain Privacy to each domain for \$8.99 per year. [What's This?](#)

**Congratulations!** your domain is available.

**marylvv.com**

\$9.99

Add

**marylvv.com** is available!

<https://www.domain.com/checkout#/1>

## 2. Create 4 A Records

The apex (top level) domain needs to have a record for each of the 4 github.io IP addresses

	Domain	Expires (Days Left)	Privacy	Renew
<input type="checkbox"/>	data-playground.com	November 07, 2018(161)	Enabled	Auto

[Overview](#) [Pointers](#) [Transfer](#) [Contact](#) [DNS](#) [Nameservers](#) [Security](#) [Subdomains](#) [Renew](#)

Modify: [A Record](#)

### A Record

An A Record (or host name) associates a specific address with a specific IP address  
(secure.yourdomain.com >> 11.222.333.444)

Host	Points To:	Action
data-playground.com	185.199.108.153	---
data-playground.com	185.199.109.153	---
data-playground.com	185.199.110.153	---
data-playground.com	185.199.111.153	---
*	66.96.162.128	---

<https://help.github.com/articles/setting-up-an-apex-domain/>

## Check it:

```
Last login: Tue May 29 19:41:55 on ttys002 [help.github.com/articles/setting-up-a-github-pages-site-with-jekyll/]
[Marys-MacBook-Pro:~ maryvanvalkenburg$ dig data-playground.com
; <>> DiG 9.8.3-P1 <>> data-playground.com
;; global options: +cmd
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 47159
;; flags: qr rd ra; QUERY: 1, ANSWER: 4, AUTHORITY: 0, ADDITIONAL: 0
;; QUESTION SECTION:
data-playground.com.          IN      A
;; ANSWER SECTION:
data-playground.com.    3599    IN      A      185.199.111.153
data-playground.com.    3599    IN      A      185.199.108.153
data-playground.com.    3599    IN      A      185.199.110.153
data-playground.com.    3599    IN      A      185.199.109.153
;; Query time: 85 msec
;; SERVER: 10.10.10.1#53(10.10.10.1)
;; WHEN: Thu May 31 17:47:05 2018
;; MSG SIZE  rcvd: 101
```

Domain  
information  
grouper  
queries the  
domain name  
system

### 3. Add a custom domain in the Settings for your `github.io` repository

Settings □  
scroll to **GitHub Pages** □  
enter **Custom domain**

## GitHub Pages

GitHub Pages is designed to host your personal, organization, or project pages from a GitHub repository.

✓ Your site is published at <http://data-playground.com/>

#### Source

Your GitHub Pages site is currently being built from the master branch. [Learn more.](#)

master branch ▾

Save

User pages must be built from the master branch.

#### Theme Chooser

Select a theme to publish your site with a Jekyll theme. [Learn more.](#)

Your site is currently using the Minimal theme.

Change theme

#### Custom domain

Custom domains allow you to serve your site from a domain other than `marylvv.github.io`. [Learn more.](#)

`data-playground.com`

Save

## 4. Add a Cname record to handle www

Domain	Expires (Days Left)	Privacy	Renew
data-playground.com	November 07, 2018(161)	Enabled	Auto

Overview Pointers Transfer Contact **DNS** Nameservers Security Subdomains Renew

Modify: CNAME Alias

### CNAME (Alias)

A CNAME record (also known as an alias record) is a subdomain that points to a domain name (sales.yourdomain.com >> yourdomain.com)

Host	Points To:	Action
dkim._domainkey	cur.dkim.v.eigmail.net	---
www	data-playground.com	---

CNAME specifies a subdomain (any prefix to your domain like **blog.data-data-data.com** or **project.data-data-data.com**).

Be sure to create a record for the www subdomain.