

What is GitHub?

INTRODUCTION TO GITHUB CONCEPTS



Jasmin Ludolf

Content Developer, DataCamp

Course overview

- How to use GitHub for projects and version control
- Do everyday tasks on GitHub, such as creating Personal Access Tokens (PATs)



Chapter overview

- What is GitHub
- Benefits of using GitHub
- The difference between GitHub and Git



GitHub



- Cloud-based hosting service
- Allows users to store and track their work, aka version control
- On-demand resources over the internet, such as storage
- We don't have to store large files locally!
- Similar to GitHub: GitLab, BitBucket

¹ iStock image credit:vectorwin

GitHub uses

- Storing projects
- Keeping track of projects and files
- Collaborating with others
- Social network
- Open-source projects



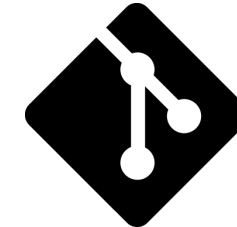
¹ iStock illustration ID:981887940

GitHub vs. Git



GitHub

- Enhances Git
- Easier to manage projects and collaborate
- Can't use GitHub without Git

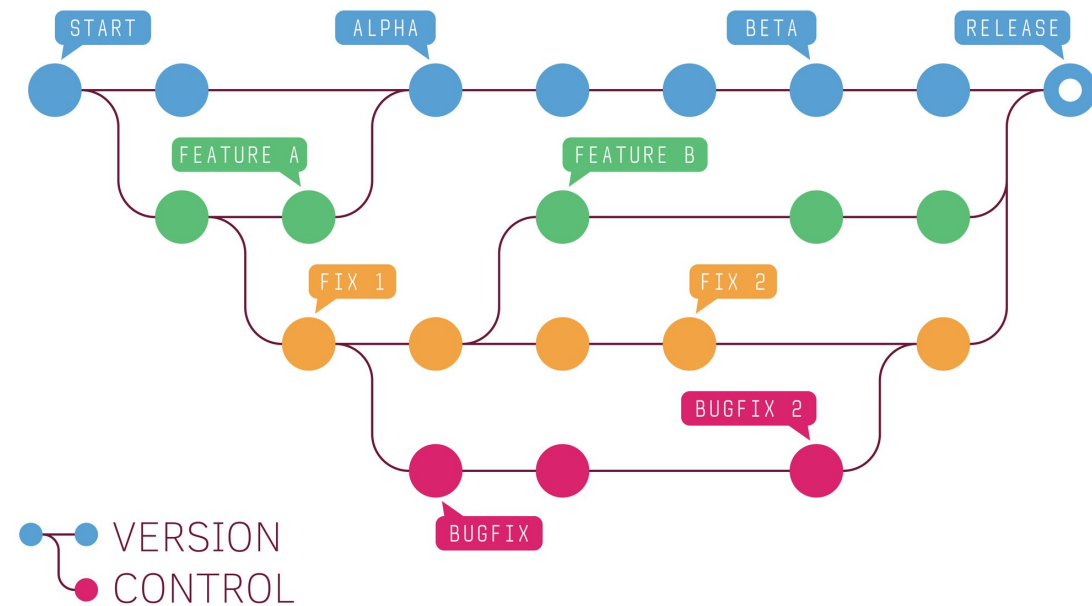


Git

- Version control software
- Can be used without GitHub or other hosting platform

¹ Git Logo by Jason Long is licensed under the Creative Commons Attribution 3.0 Unported License.

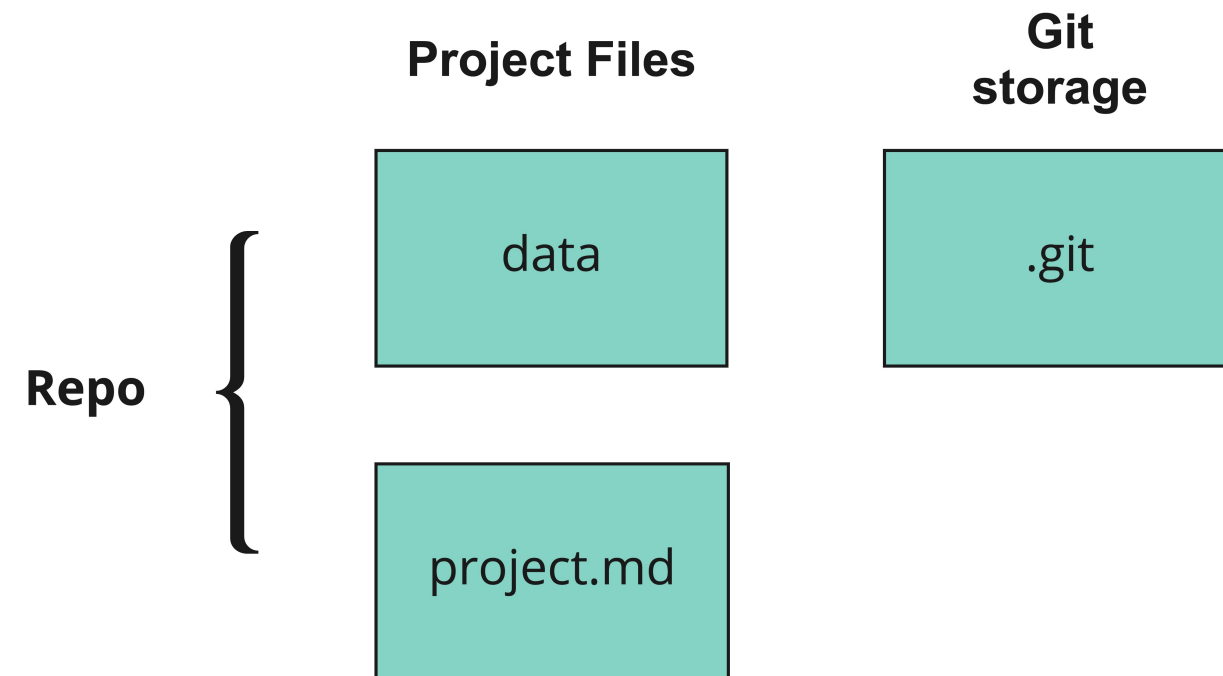
Collaborating on GitHub



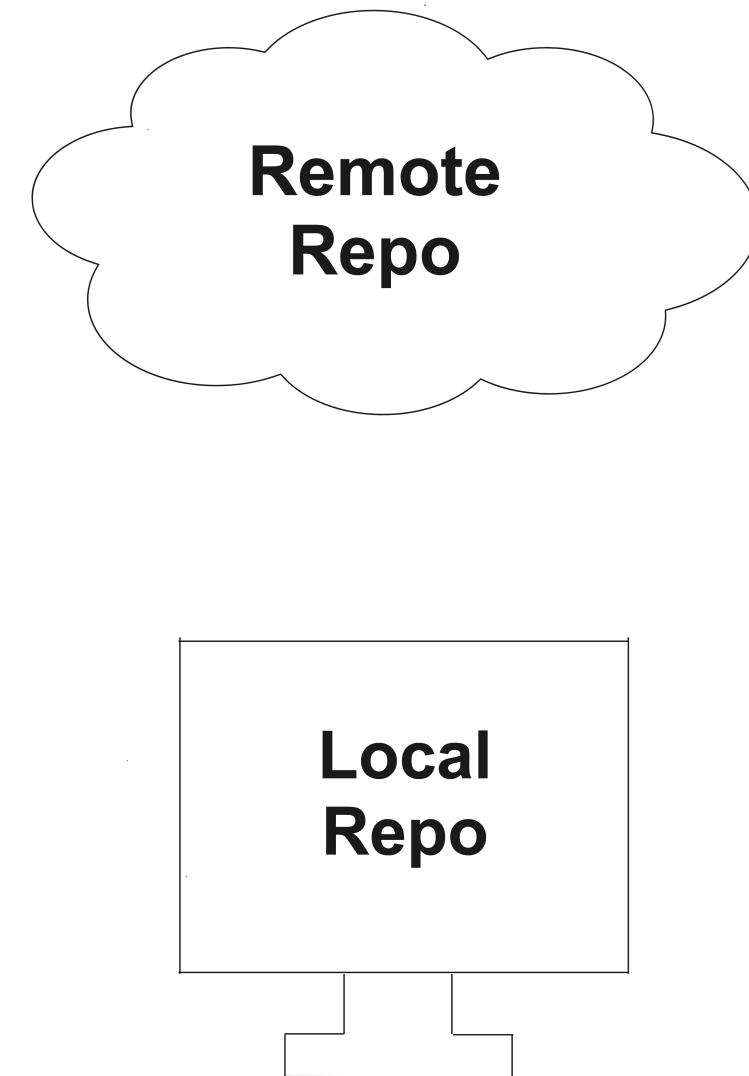
- Tracking a file through its different states
- Several people can work on the same file
- Can be accessed by anyone
- Complete history of every project stage

¹ iStock image credit: IkonStudio


GitHub repo






- Repo will contain all files of a project and record past versions of files




GitHub website



[Pull requests](#) [Issues](#) [Marketplace](#) [Explore](#)


  


[Overview](#) [Repositories](#) [3](#) [Projects](#) [Packages](#) [Stars](#)




Jasmin Ludolf
jasminludolf

[Edit profile](#)

 0 followers · 1 following

 <https://www.jasminludolf.com>

 [@jasminludolf](#)

Popular repositories




[Customize your pins](#)

392 contributions in the last year

Contribution settings


	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
Mon												
Wed												
Fri												

[Learn how we count contributions](#)

Less    More


Contribution activity

2022




 datacamp

INTRODUCTION TO GITHUB CONCEPTS


GitHub website



[Pull requests](#) [Issues](#) [Marketplace](#) [Explore](#)


  


[Overview](#) [Repositories 3](#) [Projects](#) [Packages](#) [Stars](#)




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Popular repositories





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	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
Mon												
Wed												
Fri												

[Learn how we count contributions](#)

Less     More

Contribution activity

2022

Let's practice!

INTRODUCTION TO GITHUB CONCEPTS

Setting up a repo

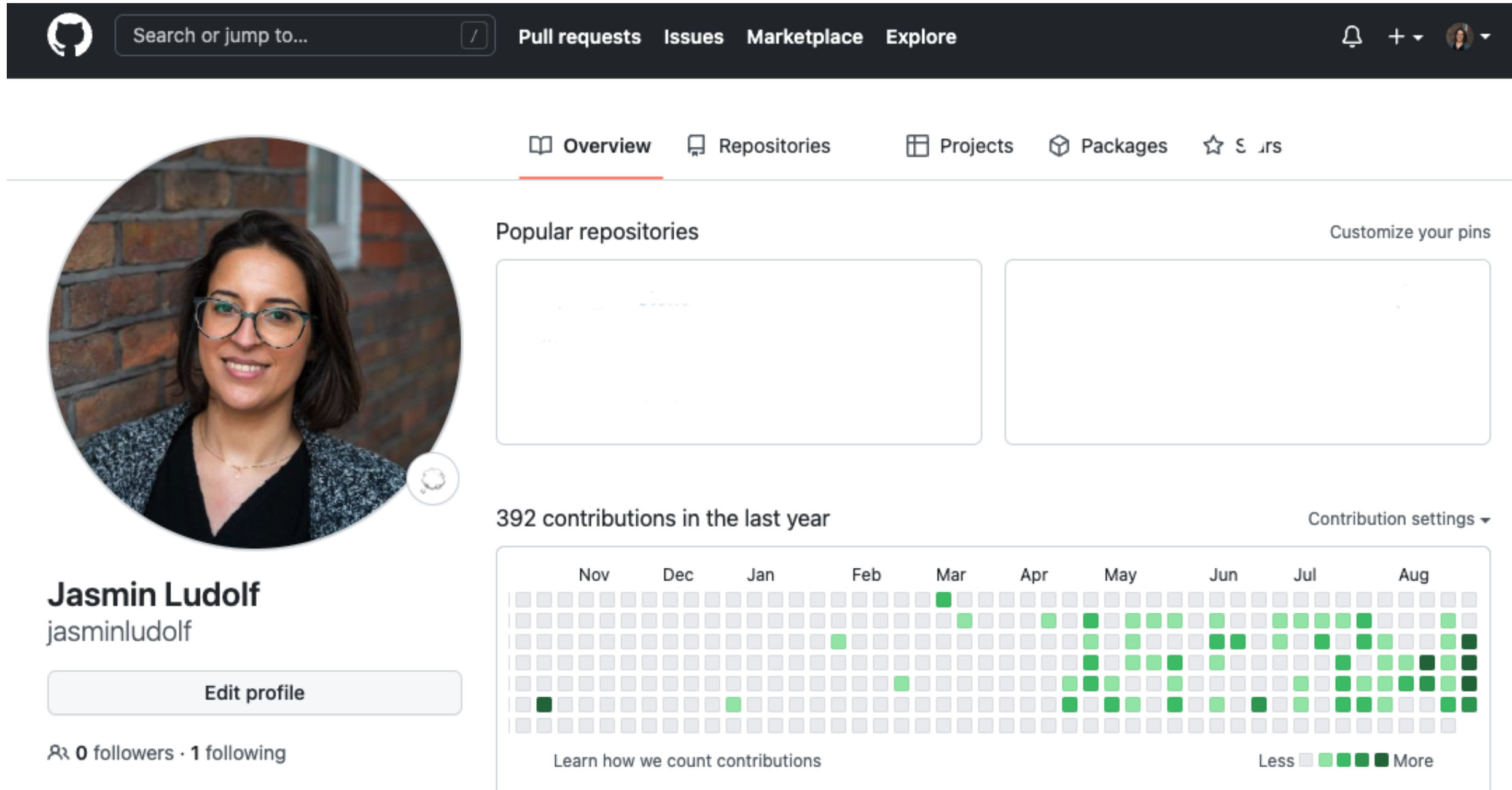
INTRODUCTION TO GITHUB CONCEPTS



Jasmin Ludolf

Content Developer, DataCamp

Create a new repository



Create a new repository

The screenshot shows the GitHub profile of Jasmin Ludolf. The top navigation bar includes the GitHub logo, a search bar, and links for Pull requests, Issues, Marketplace, and Explore. On the right of the navigation bar, there is a notification bell, a green circle containing a plus sign and a dropdown arrow (highlighted by a green arrow), and the user's profile picture. Below the navigation bar, the profile section on the left shows a circular profile picture of Jasmin Ludolf, her name, username 'jasminludolf', an 'Edit profile' button, and '0 followers · 1 following'. The main content area has tabs for Overview (selected), Repositories, Projects, Packages, and Stars. Under the 'Overview' tab, there is a 'Popular repositories' section with two placeholder boxes. To the right of these is a 'Customize your pins' link. Below the repositories is a '392 contributions in the last year' section with a 'Contribution settings' dropdown. The contribution grid shows activity from November to August, with green squares indicating contributions. A legend at the bottom right of the grid shows a color scale from 'Less' (light green) to 'More' (dark green). A link 'Learn how we count contributions' is at the bottom left of the grid.

Search or jump to... / Pull requests Issues Marketplace Explore

Overview Repositories Projects Packages Stars

Popular repositories

Customize your pins

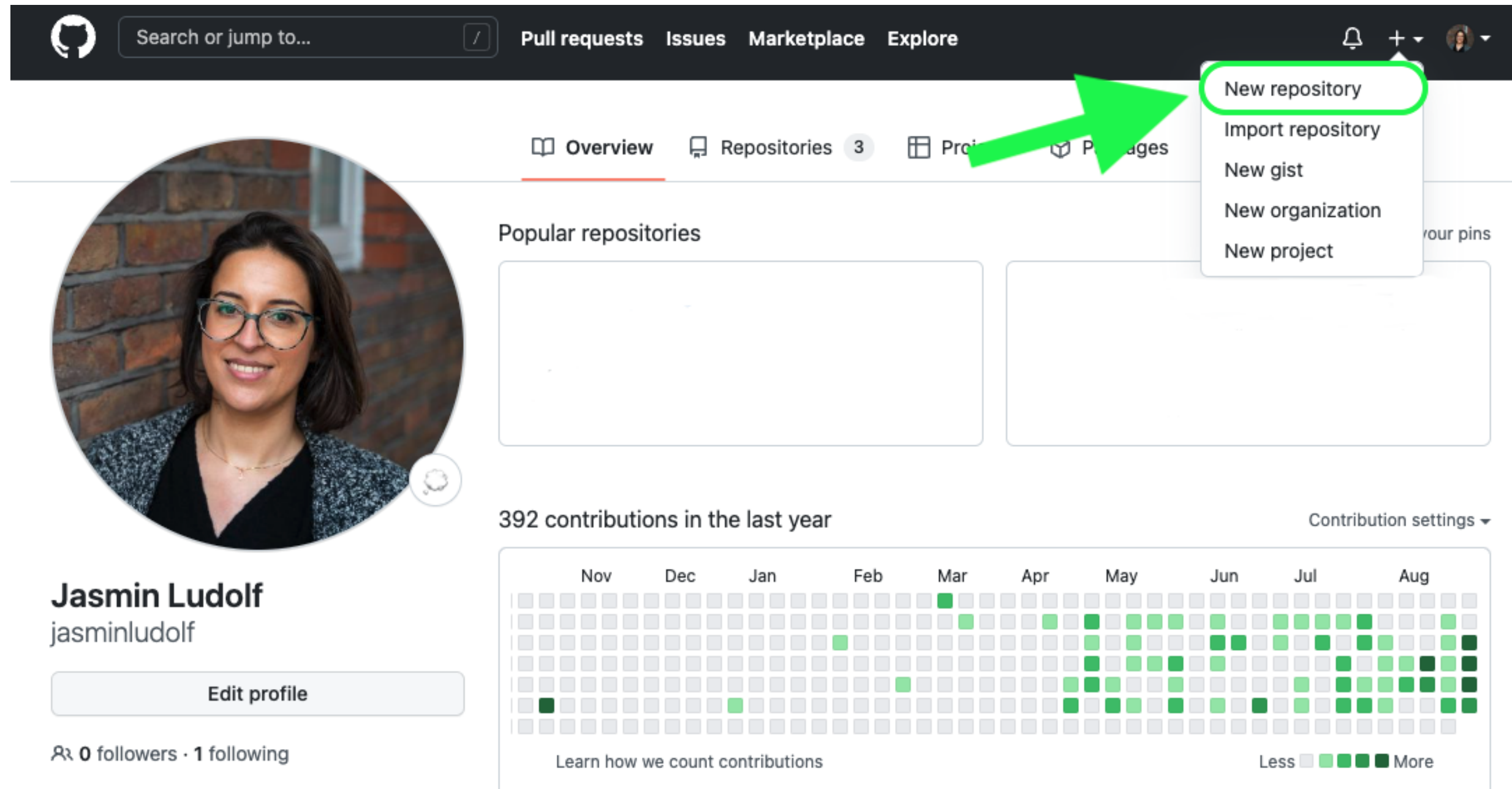
392 contributions in the last year Contribution settings

Nov Dec Jan Feb Mar Apr May Jun Jul Aug

Learn how we count contributions

Less More

Create a new repository



The screenshot shows the GitHub profile page for Jasmin Ludolf. The top navigation bar includes the GitHub logo, a search bar, and links for Pull requests, Issues, Marketplace, and Explore. A dropdown menu is open from the user profile icon, showing options: New repository (highlighted with a green circle and a green arrow), Import repository, New gist, New organization, and New project. The profile section on the left includes a circular profile picture of Jasmin Ludolf, her name, username 'jasminludolf', an 'Edit profile' button, and follower/following counts (0 followers, 1 following). The main content area shows 'Popular repositories' (empty), '392 contributions in the last year' with a calendar heatmap, and a 'Contribution settings' dropdown. The heatmap shows contributions from November to August, with a legend indicating 'Less' and 'More' contributions.

Search or jump to... / Pull requests Issues Marketplace Explore

Overview Repositories 3 Projects Packages

Popular repositories

392 contributions in the last year Contribution settings


Nov Dec Jan Feb Mar Apr May Jun Jul Aug

Learn how we count contributions Less More




Jasmin Ludolf
jasminludolf
Edit profile
0 followers · 1 following

New repository
Import repository
New gist
New organization
New project

Create a new repository



[Pull requests](#) [Issues](#) [Marketplace](#) [Explore](#)


  

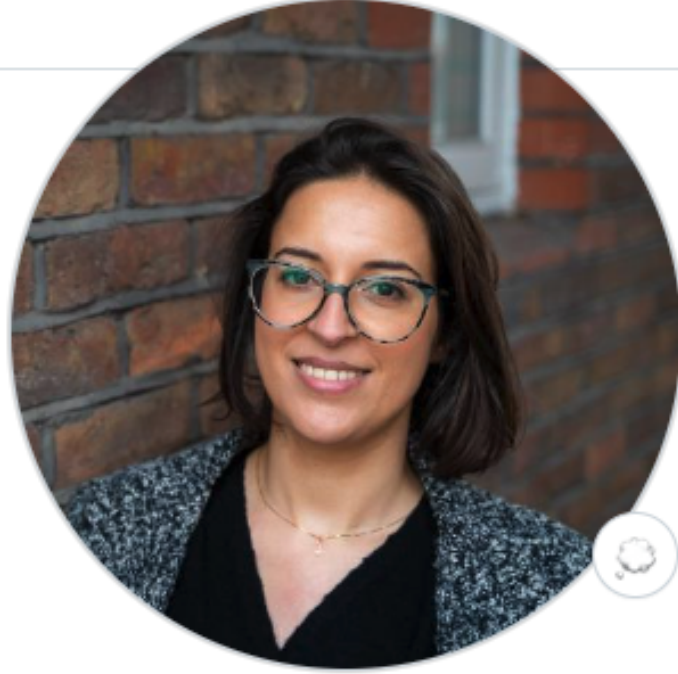
[Overview](#) [Repositories](#) [Projects](#) [Packages](#) [Stars](#)

Type ▾

Language ▾


Sort ▾


 New




Jasmin Ludolf
jasminludolf

Edit profile

 0 followers · 1 following

 <https://www.jasminludolf.com>

 @jasminludolf

Create a new repository

The screenshot shows the GitHub interface for user Jasmin Ludolf. The top navigation bar includes the GitHub logo, a search bar, and links for Pull requests, Issues, Marketplace, and Explore. The user's profile section on the left displays their name, username, a profile picture, and an 'Edit profile' button. The main content area is titled 'Repositories' and features a search bar, filters for Type, Language, and Sort, and a prominent green 'New' button. A large green arrow points directly to the 'New' button, indicating the next step in the tutorial.

Search or jump to... / Pull requests Issues Marketplace Explore

Overview **Repositories** Projects Packages Stars

Find a repository... Type Language Sort **New**

Jasmin Ludolf
jasminludolf


Edit profile

0 followers · 1 following




<https://www.jasminludolf.com>

@jasminludolf

Create a new repository



[Pulls](#) [Issues](#) [Marketplace](#) [Explore](#)

Create a new repository

A repository contains all project files, including the revision history. Already have a project repository elsewhere? [Import a repository](#).


Repository template

Start your repository with a template repository's contents.

No template ▾

Owner *

Repository name *

 jasminludolf ▾

 /

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

Description (optional)


☒  **Public**

Anyone on the internet can see this repository. You choose who can commit.




☐  **Private**

You choose who can see and commit to this repository.

Create a new repository



[Pulls](#) [Issues](#) [Marketplace](#) [Explore](#)

Create a new repository

A repository contains all project files, including the revision history. Already have a project repository elsewhere? [Import a repository.](#)


Repository template

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No template ▾

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Repository name *

 jasminludolf ▾

 /

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[Pulls](#) [Issues](#) [Marketplace](#) [Explore](#)



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/

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☐  **Private**

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Create a new repository



[Pulls](#) [Issues](#) [Marketplace](#) [Explore](#)

Create a new repository

A repository contains all project files, including the revision history. Already have a project repository elsewhere? [Import a repository](#).


Repository template

Start your repository with a template repository's contents.

No template ▾

Owner *

Repository name *

 jasminludolf ▾

 /

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

Description (optional)

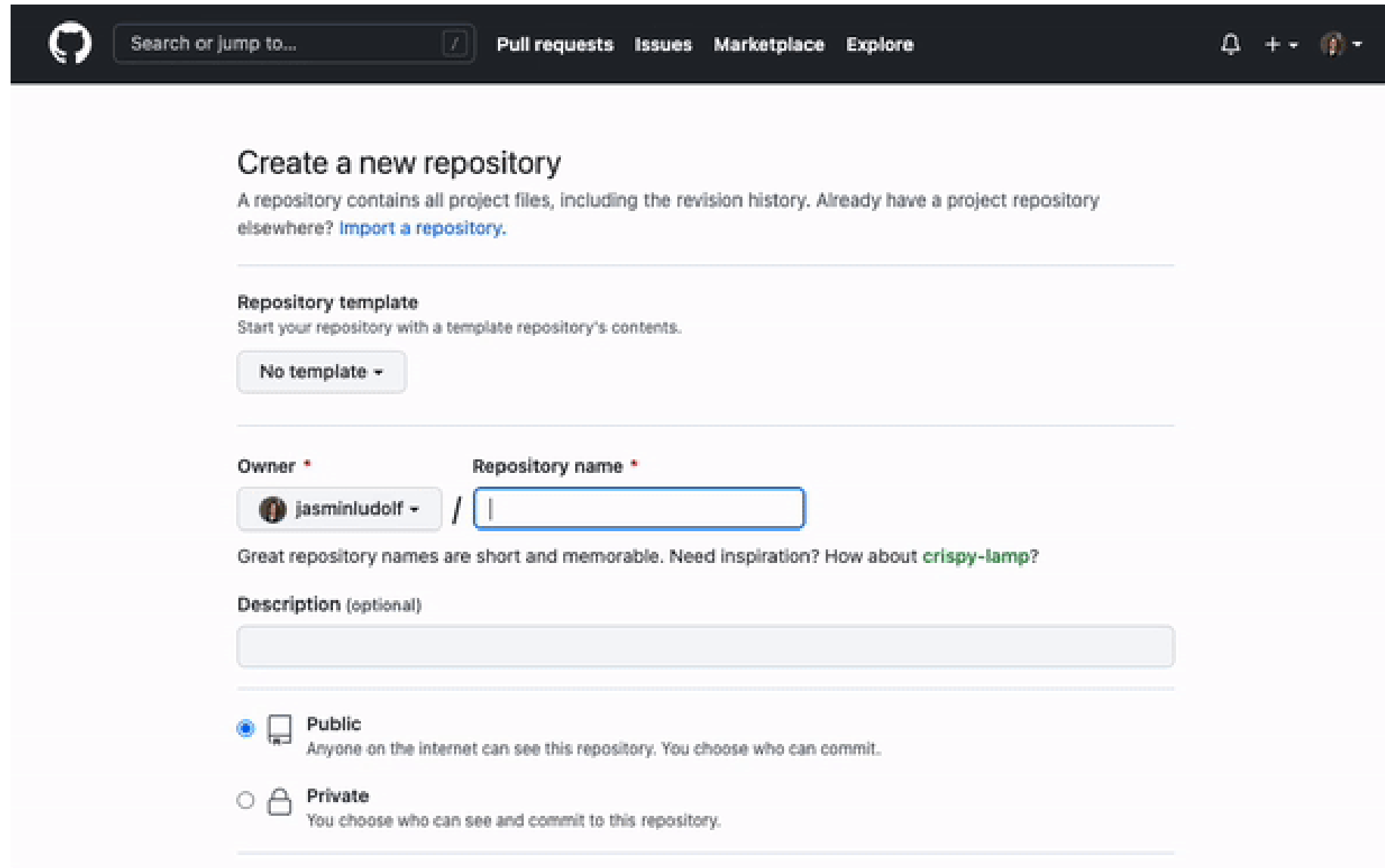
☒  **Public**

Anyone on the internet can see this repository. You choose who can commit.

☐  **Private**

You choose who can see and commit to this repository.

Create a new repository



The screenshot shows the GitHub interface for creating a new repository. At the top is a dark navigation bar with the GitHub logo, a search bar, and links for Pull requests, Issues, Marketplace, and Explore. The main content area is titled 'Create a new repository' and includes a brief explanation of what a repository is. Below this is a 'Repository template' section with a 'No template' button. The 'Owner' and 'Repository name' fields are highlighted with red asterisks. The owner is set to 'jasminludolf' and the repository name field is empty. A tip suggests using short and memorable names, with 'crispy-lamp' as an example. There is an optional 'Description' text area. At the bottom, the 'Public' option is selected, indicating that anyone on the internet can see the repository.

Search or jump to... / Pull requests Issues Marketplace Explore

Create a new repository

A repository contains all project files, including the revision history. Already have a project repository elsewhere? [Import a repository.](#)

Repository template

Start your repository with a template repository's contents.

No template ▾

Owner * Repository name *

jasminludolf ▾ /


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

Description (optional)




☒ **Public**
Anyone on the internet can see this repository. You choose who can commit.

☐ **Private**
You choose who can see and commit to this repository.

Public repository



[Pull requests](#) [Issues](#) [Marketplace](#) [Explore](#)



Create a new repository


A repository contains all project files, including the revision history. Already have a project repository elsewhere? [Import a repository.](#)

Repository template

Start your repository with a template repository's contents.

No template ▾

Owner *

 jasminludolf ▾


Repository name *


soccer_analysis ✓

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



Description (optional)

Analyzing goal trends.

☒  **Public**
Anyone on the internet can see this repository. You choose who can commit.

☐  **Private**
You choose who can see and commit to this repository.

Repository files

-
- ☒  **Public**
Anyone on the internet can see this repository. You choose who can commit.
- ☐  **Private**
You choose who can see and commit to this repository.
-

Initialize this repository with:

Skip this step if you're importing an existing repository.

- ☐ **Add a README file**
This is where you can write a long description for your project. [Learn more.](#)

Add .gitignore

Choose which files not to track from a list of templates. [Learn more.](#)

.gitignore template: None ▼

Choose a license



A license tells others what they can and can't do with your code. [Learn more.](#)

License: None ▼

 You are creating a public repository in your personal account.

Create repository

Repository files

-
- ☒  **Public**
Anyone on the internet can see this repository. You choose who can commit.
- ☐  **Private**
You choose who can see and commit to this repository.
-

Initialize this repository with:

Skip this step if you're importing an existing repository.

- ☒ **Add a README file**
This is where you can write a long description for your project. [Learn more.](#)

Add .gitignore

Choose which files not to track from a list of templates. [Learn more.](#)

.gitignore template: None ▼

Choose a license

A license tells others what they can and can't do with your code. [Learn more.](#)



License: None ▼

This will set  **main** as the default branch. Change the default name in your [settings](#).

 You are creating a public repository in your personal account.

Create repository

Repository files

-
- ☒  **Public**
Anyone on the internet can see this repository. You choose who can commit.
- ☐  **Private**
You choose who can see and commit to this repository.
-

Initialize this repository with:

Skip this step if you're importing an existing repository.

- ☒ **Add a README file**
This is where you can write a long description for your project. [Learn more.](#)

Add .gitignore

Choose which files not to track from a list of templates. [Learn more.](#)

.gitignore template: Python ▼

Choose a license

A license tells others what you can and can't do with your code. [Learn more.](#)



License: None ▼

This will set  **main** as the default branch. Change the default name in your [settings](#).

 You are creating a public repository in your personal account.

Create repository

Repository files

-
- ☒  **Public**
Anyone on the internet can see this repository. You choose who can commit.
- ☐  **Private**
You choose who can see and commit to this repository.
-

Initialize this repository with:

Skip this step if you're importing an existing repository.

- ☒ **Add a README file**
This is where you can write a long description for your project. [Learn more.](#)

Add .gitignore

Choose which files not to track from a list of templates. [Learn more.](#)

.gitignore template: Python ▼

Choose a license

A license tells others what they can and can't do with your code. [Learn more.](#)


License: None ▼

This will set  **main** as the default branch. Change the default name in your [settings](#).

 You are creating a public repository in your personal account.

Create repository

Repository files

-
- ☒  **Public**
Anyone on the internet can see this repository. You choose who can commit.
- ☐  **Private**
You choose who can see and commit to this repository.
-

Initialize this repository with:

Skip this step if you're importing an existing repository.

- ☒ **Add a README file**
This is where you can write a long description for your project. [Learn more.](#)

Add .gitignore

Choose which files not to track from a list of templates. [Learn more.](#)

.gitignore template: Python ▾

Choose a license

A license tells others what they can and can't do with your code. [Learn more.](#)


License: None ▾

This will set  **main** as the default branch. Change the default name in your [settings](#).




 You are creating a **personal** repository in your personal account.


Create repository





Navigating a repo






[Pull requests](#) [Issues](#) [Marketplace](#) [Explore](#)



 [jasminludolf / soccer_analysis](#) Public


 Pin  Unwatch 1  Fork 0  Star 0


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

 main  1 branch  0 tags

[Go to file](#) [Add file](#) [Code](#)

 [jasminludolf](#) Initial commit 126a8ad 2 minutes ago  1 commit

 [.gitignore](#) Initial commit 2 minutes ago


 [README.md](#) Initial commit 2 minutes ago


README.md


soccer_analysis


About

Analyzing goal trends.

 [Readme](#)

 0 stars

 1 watching

 0 forks

Releases

No releases published

[Create a new release](#)

Navigating a repo

The screenshot shows the GitHub interface for a repository named 'soccer_analysis' by user 'jasminludolf'. The repository is public. The top navigation bar includes links for 'Pull requests', 'Issues', 'Marketplace', and 'Explore'. Below this, the repository name and 'Public' status are shown, along with buttons for 'Pin', 'Unwatch' (1), 'Fork' (0), and 'Star' (0). A secondary navigation bar contains links for 'Code' (highlighted with a green circle), 'Issues', 'Pull requests', 'Actions', 'Projects', 'Wiki', 'Security', 'Insights', and 'Settings'. Below the navigation bar, there are buttons for 'main' branch, '1 branch', and '0 tags', along with 'Go to file', 'Add file', and a green 'Code' button. The commit history shows an 'Initial commit' by 'jasminludolf' with hash '126a8ad' 2 minutes ago, containing 1 commit. The file list shows '.gitignore' and 'README.md', both from the 'Initial commit' 2 minutes ago. The 'README.md' content is displayed, showing the title 'soccer_analysis'. On the right side, the 'About' section describes the repository as 'Analyzing goal trends.' and lists '0 stars', '1 watching', and '0 forks'. The 'Releases' section indicates 'No releases published' and provides a link to 'Create a new release'.

Search or jump to... / Pull requests Issues Marketplace Explore

jasminludolf / soccer_analysis Public

Pin Unwatch 1 Fork 0 Star 0

<> Code Issues Pull requests Actions Projects Wiki Security Insights Settings

main 1 branch 0 tags Go to file Add file Code

jasminludolf Initial commit 126a8ad 2 minutes ago 1 commit

.gitignore Initial commit 2 minutes ago

README.md Initial commit 2 minutes ago

README.md

soccer_analysis

About

Analyzing goal trends.

Readme

0 stars

1 watching


0 forks

Releases




No releases published


Create a new release





Navigating a repo



[Pull requests](#) [Issues](#) [Marketplace](#) [Explore](#)


  

 [jasminludolf / soccer_analysis](#) Public


 [Pin](#)  [Unwatch](#) 1  [Fork](#) 0  [Star](#) 0

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

[main](#) 1 branch 0 tags [Go to file](#) [Add file](#) [Code](#)


 [jasminludolf](#) Initial commit

126a8ad 2 minutes ago 1 commit

 .gitignore

Initial commit


2 minutes ago

 README.md

Initial commit

2 minutes ago


README.md





soccer_analysis


About


Analyzing goal trends.



 [Readme](#)

 0 stars

 1 watching

 0 forks

Releases

No releases published

[Create a new release](#)

Navigating a repo

The screenshot shows the GitHub interface for a repository named 'soccer_analysis' by user 'jasminludolf'. The repository is public and has 0 stars, 1 watch, and 0 forks. The main content area displays the commit history, showing an initial commit by 'jasminludolf' 4 days ago, which includes files '.gitignore' and 'README.md'. Below the commit history, the README content is visible, featuring the title 'soccer_analysis'. On the right side, the 'About' section provides a brief description: 'Analyzing goal trends.' and lists the repository's statistics. The 'Releases' and 'Packages' sections indicate that no releases or packages have been published yet.

Search or jump to... Pull requests Issues Marketplace Explore

jasminludolf / soccer_analysis Public

Pin Unwatch 1 Fork 0 Star 0

Code Issues Pull requests Actions Projects Wiki Security Insights Settings

master 1 branch 0 tags

Go to file Add file Code

jasminludolf Initial commit 128a8ad 4 days ago 1 commit

.gitignore	Initial commit	4 days ago
README.md	Initial commit	4 days ago

README.md

soccer_analysis

About

Analyzing goal trends.

- Readme
- 0 stars
- 1 watching
- 0 forks

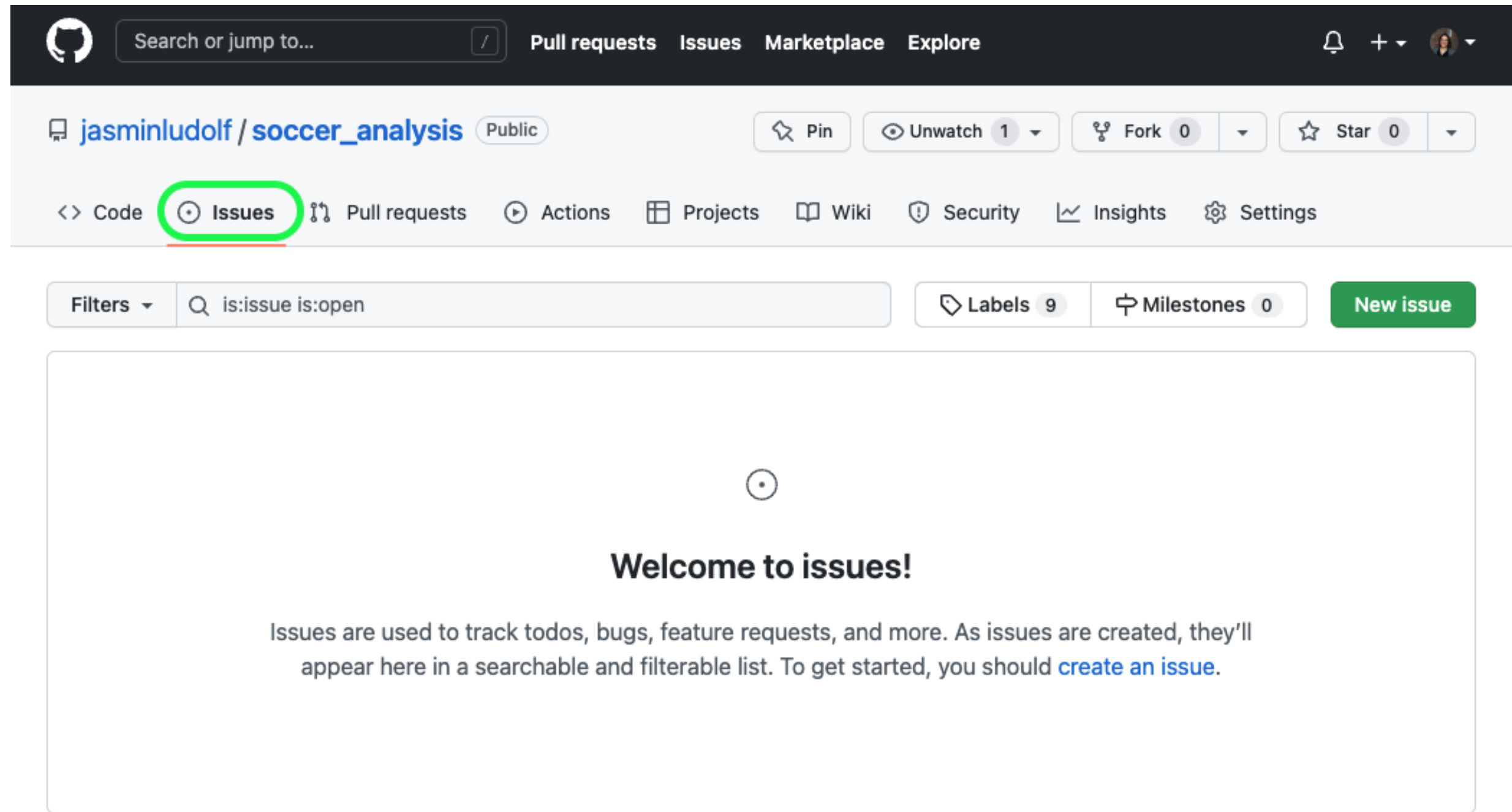
Releases

No releases published
[Create a new release](#)

Packages

No packages published
[Publish your first package](#)

Navigating a repo



The screenshot shows the GitHub interface for the repository 'jasminludolf / soccer_analysis'. The 'Issues' tab is highlighted with a green circle and a red underline. The repository is public and has 1 Unwatch, 0 Fork, and 0 Star. The navigation bar includes links for Code, Issues, Pull requests, Actions, Projects, Wiki, Security, Insights, and Settings. The 'Issues' section shows a search filter 'is:issue is:open', 9 Labels, and 0 Milestones. A 'New issue' button is visible. The main content area displays a welcome message for issues.

Search or jump to... / Pull requests Issues Marketplace Explore

jasminludolf / soccer_analysis Public

Pin Unwatch 1 Fork 0 Star 0

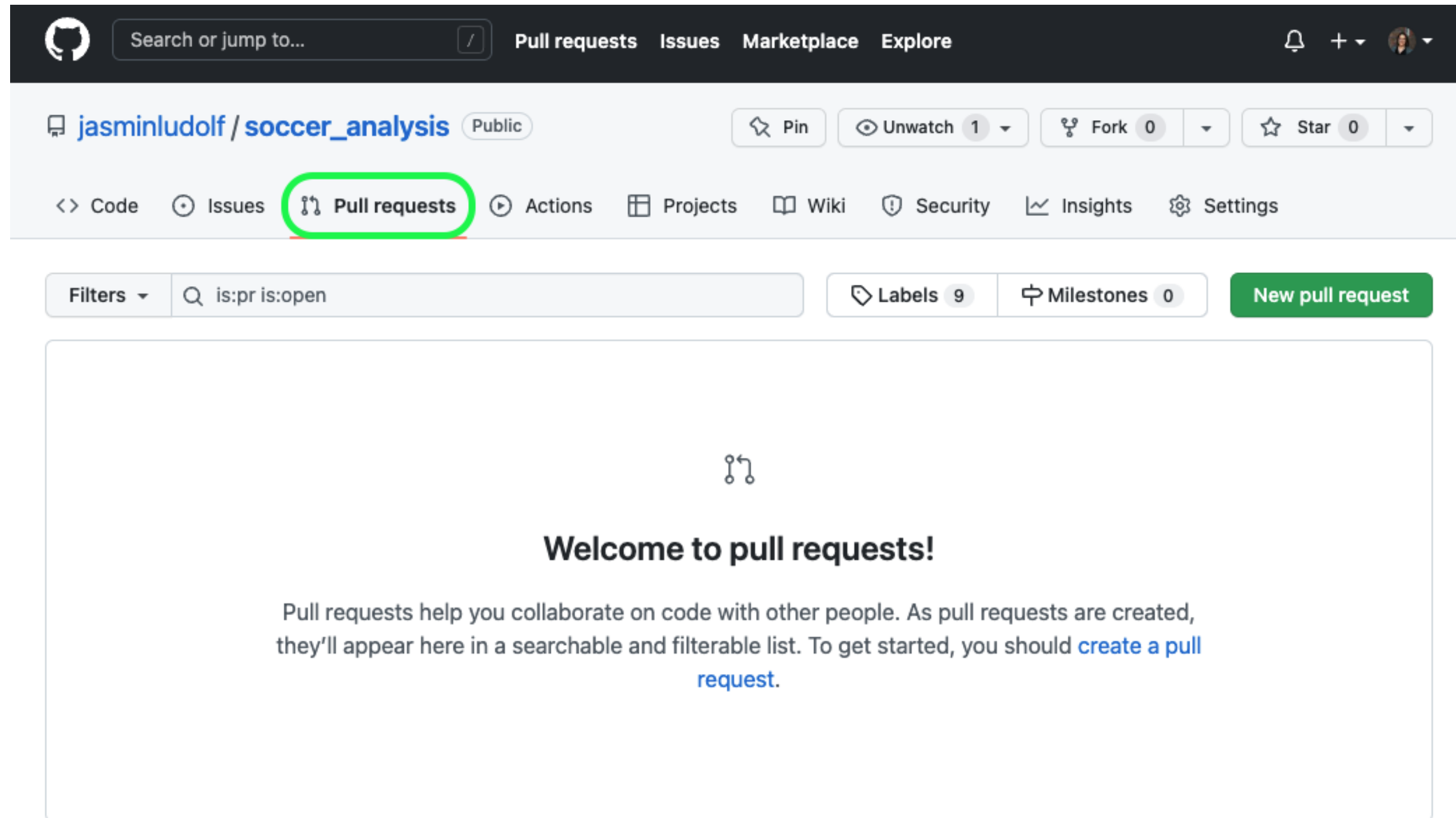
<> Code **Issues** Pull requests Actions Projects Wiki Security Insights Settings

Filters is:issue is:open Labels 9 Milestones 0 New issue

Welcome to issues!

Issues are used to track todos, bugs, feature requests, and more. As issues are created, they'll appear here in a searchable and filterable list. To get started, you should [create an issue](#).

Navigating a repo



The screenshot shows the GitHub interface for the repository 'jasminludolf / soccer_analysis'. The 'Pull requests' tab is highlighted with a green circle in the navigation bar. The main content area displays a welcome message for pull requests, explaining their purpose and providing a link to 'create a pull request'.


Search or jump to... / Pull requests Issues Marketplace Explore

jasminludolf / soccer_analysis Public

Pin Unwatch 1 Fork 0 Star 0

Code Issues **Pull requests** Actions Projects Wiki Security Insights Settings

Filters is:pr is:open Labels 9 Milestones 0 New pull request



Welcome to pull requests!

Pull requests help you collaborate on code with other people. As pull requests are created, they'll appear here in a searchable and filterable list. To get started, you should [create a pull request](#).

Navigating a repo

The screenshot shows the GitHub interface for a repository named 'soccer_analysis' by user 'jasminludolf'. The repository is public. At the top, there's a navigation bar with links for Pull requests, Issues, Marketplace, and Explore. Below this, the repository name and 'Public' status are shown, along with buttons for Pin, Unwatch (1), Fork (0), and Star (0). A secondary navigation bar includes links for Code, Issues, Pull requests, Actions, Projects, Wiki, Security, Insights, and Settings. The 'Settings' link is highlighted with a green circle. On the left sidebar, the 'General' settings tab is selected. The main content area shows the 'General' settings, including the repository name 'soccer_analysis' with a 'Rename' button. There are two unchecked checkboxes: 'Template repository' and 'Require contributors to sign off on web-based commits'. The 'Social preview' section is partially visible at the bottom.

GitHub navigation bar: Search or jump to... / Pull requests Issues Marketplace Explore

Repository: jasminludolf / soccer_analysis (Public)

Actions: Pin Unwatch 1 Fork 0 Star 0

Navigation: <> Code Issues Pull requests Actions Projects Wiki Security Insights **Settings**

Settings sidebar: General (selected), Access (Collaborators, Moderation options), Code and automation (Branches, Tags, Actions, Webhooks, Environments, Pages)

General settings:

- Repository name: soccer_analysis [Rename]
- ☐ **Template repository**
Template repositories let users generate new repositories with the same directory structure and files. [Learn more.](#)
- ☐ **Require contributors to sign off on web-based commits**
Enabling this setting will require contributors to sign off on commits made through GitHub's web interface. Signing off is a way for contributors to affirm that their commit complies with the repository's terms, commonly the [Developer Certificate of Origin \(DCO\)](#). [Learn more about signing off on commits.](#)
- Social preview**
Upload an image to customize your repository's social media preview.
Images should be at least 640x320px (1280x640px for best display).
[Download template](#)

Let's practice!

INTRODUCTION TO GITHUB CONCEPTS

Creating a README


INTRODUCTION TO GITHUB CONCEPTS






Jasmin Ludolf


Content Developer, DataCamp





Edit the README






[Pull requests](#) [Issues](#) [Marketplace](#) [Explore](#)


 [jasminludolf / soccer_analysis](#) Public



 Pin  Unwatch 1  Fork 0  Star 0


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

 main  1 branch  0 tags

[Go to file](#) [Add file](#) [Code](#)

 **jasminludolf** Initial commit 126a8ad 1 hour ago 1 commit





 .gitignore	Initial commit	1 hour ago
 README.md	Initial commit	1 hour ago

README.md 

soccer_analysis

About

Analyzing goal trends of the past 5 years.

-  Readme
-  0 stars
-  1 watching
-  0 forks

Releases

No releases published
[Create a new release](#)

Packages

Edit the README

The screenshot shows the GitHub interface for a repository named 'soccer_analysis' by user 'jasminludolf'. The repository is public. The top navigation bar includes links for Pull requests, Issues, Marketplace, and Explore. Below the repository name, there are buttons for Pin, Unwatch (1), Fork (0), and Star (0). A secondary navigation bar contains links for Code, Issues, Pull requests, Actions, Projects, Wiki, Security, Insights, and Settings. The 'Code' tab is selected, showing the file structure with '.gitignore' and 'README.md', both from the 'Initial commit' 1 hour ago. The 'README.md' file is highlighted with a green border and shows the text 'soccer_analysis'. To the right, the 'About' section describes the project as 'Analyzing goal trends of the past 5 years.' and lists 0 stars, 1 watching, and 0 forks. The 'Releases' section indicates no releases are published.

Search or jump to... / Pull requests Issues Marketplace Explore

jasminludolf / soccer_analysis Public

Pin Unwatch 1 Fork 0 Star 0

Code Issues Pull requests Actions Projects Wiki Security Insights Settings

main 1 branch 0 tags

Go to file Add file Code

jasminludolf Initial commit 126a8ad 1 hour ago 1 commit

.gitignore	Initial commit	1 hour ago
README.md	Initial commit	1 hour ago

README.md

soccer_analysis

About

Analyzing goal trends of the past 5 years.

Readme

0 stars

1 watching

0 forks

Releases

No releases published

Create a new release

Edit the README

The screenshot shows the GitHub interface for a repository named 'soccer_analysis' by user 'jasminludolf'. The repository is public and has 1 branch and 0 tags. The README file is highlighted, and a green arrow points to the edit icon (a pencil inside a circle) next to the file name. The README content is 'soccer_analysis'.

Repository: [jasminludolf / soccer_analysis](#) (Public)

Buttons: Pin, Unwatch (1), Fork (0), Star (0)

Navigation: Code, Issues, Pull requests, Actions, Projects, Wiki, Security, Insights, Settings

Branches: main (1 branch), 0 tags

Buttons: Go to file, Add file, Code

Commit: jasminludolf Initial commit (126a8ad, 1 hour ago, 1 commit)

Files:

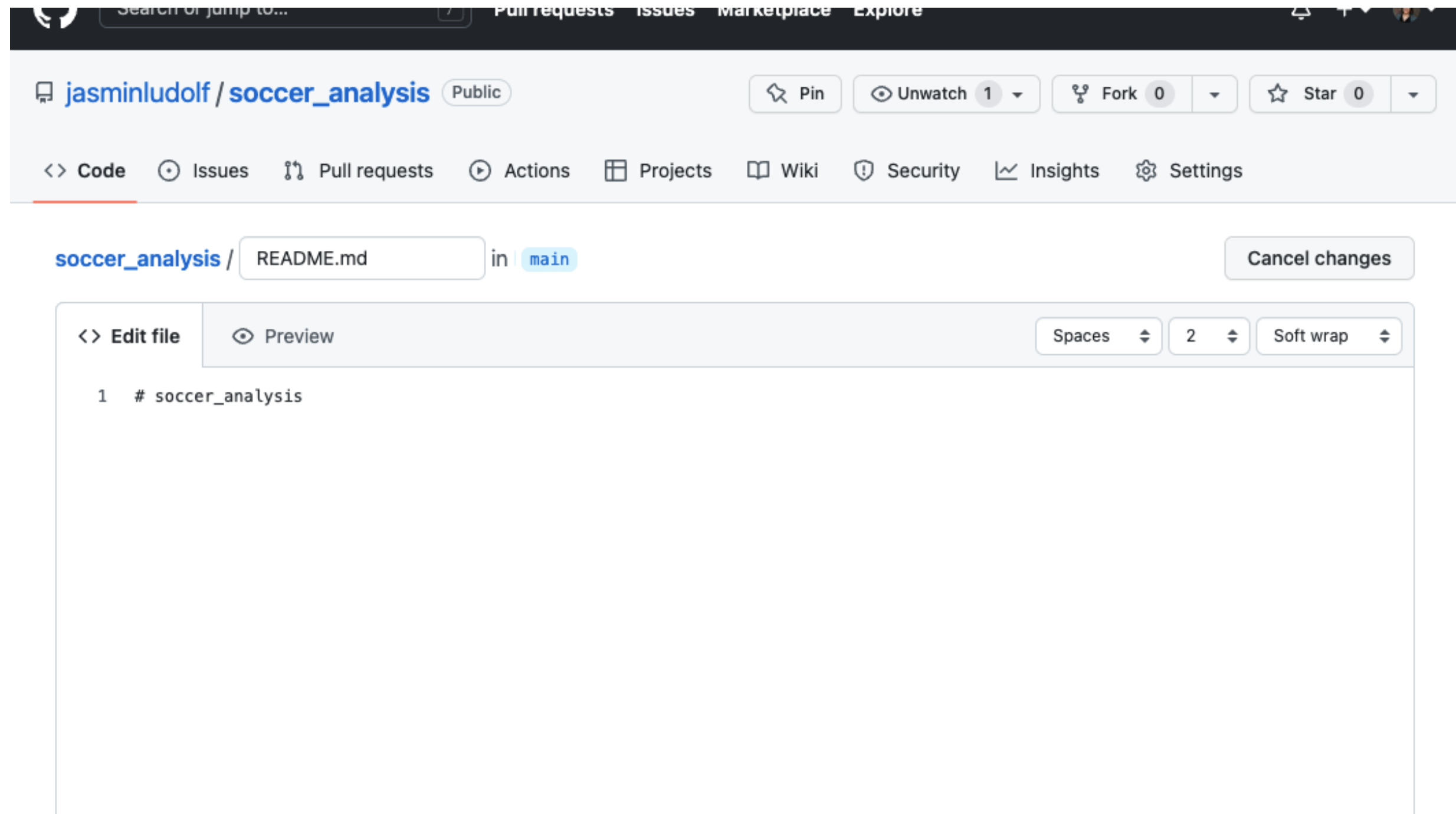
- .gitignore (Initial commit, 1 hour ago)
- README.md (Initial commit, 1 hour ago)

README.md content: **soccer_analysis**

Right sidebar:

- About: Analyzing goal trends of the past 5 years.
- Readme
- 0 stars
- 1 watching
- 0 forks
- Releases: No releases published. [Create a new release](#)
- Packages

Markdown



Edit vs. Preview

The screenshot displays the GitHub web interface for the repository `jasminludolf / soccer_analysis`. The repository is public and has 1 watch, 0 forks, and 0 stars. The navigation bar includes links for Pull requests, Issues, Marketplace, and Explore. The file `DME.md` is selected in the `main` branch. The interface shows two tabs: `Edit file` and `Preview`. A green double-headed arrow indicates the toggle between these two views. The `Edit file` tab is active, showing the file content: `1 # soccer_analysis`. The `Preview` tab is also visible, showing the rendered output of the file. The interface also includes a `Cancel changes` button and a settings bar with options for Spaces, 2, and Soft wrap.

Headings

<> Edit file

👁 Preview

1

Heading 1

<> Edit file

👁 Preview

Heading 1

Headings

<> Edit file

👁 Preview

```
1  # Heading 1
2  ## Heading 2
3  ### Heading 3
4  #### Heading 4
5  ##### Heading 5
6  ##### Heading 6
```

<> Edit file

👁 Preview

Heading 1

Heading 2

Heading 3

Heading 4

Heading 5

Heading 6

Headings

<> Edit file

👁 Preview

```
1 # Heading 1
2 ## Heading 2
3 ### Heading 3
4 #### Heading 4
5 ##### Heading 5
6 ##### Heading 6
```

<> Edit file

👁 Preview

Heading 1

Heading 2

Heading 3

Heading 4

Heading 5

Heading 6

Text formatting

<> Edit file

👁 Preview

```
1 # Soccer Analysis
2
3 **bold**
4
5 *italics*
```

<> Edit file

👁 Preview

Soccer Analysis

bold

italics

Hyperlinks

<> Edit new file

👁 Preview

```
1 # Soccer Analysis
2
3 [Premier League](https://www.premierleague.com/)|
```

<> Edit new file

👁 Preview

Soccer Analysis

[Premier League](https://www.premierleague.com/)


Hyperlinks

<> Code Issues Pull requests Actions Projects Wiki Security Insights ...

main

soccer_analysis / README.md

Go to file ...



jasminludolf Update README.md

Latest commit 2527c0f now History

1 contributor

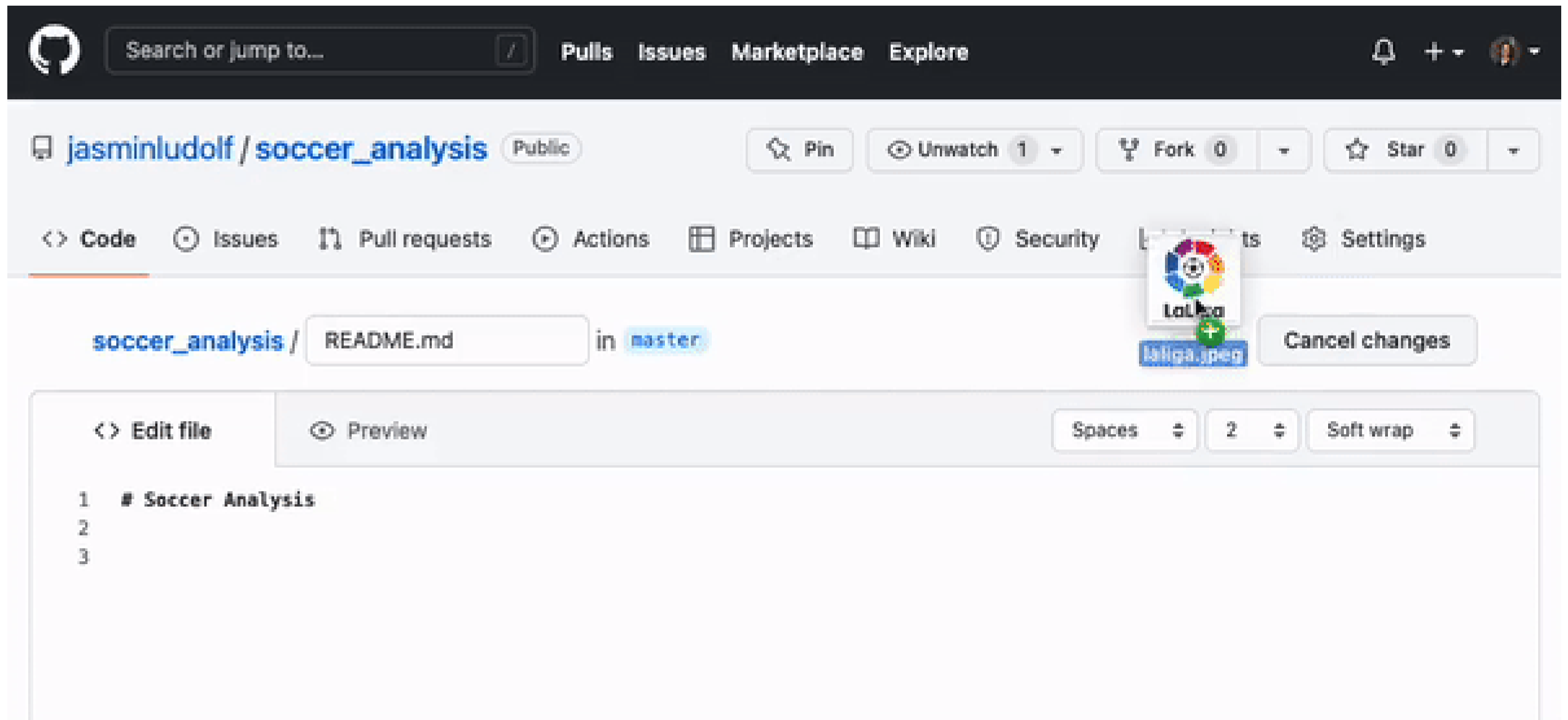
3 lines (2 sloc) | 68 Bytes

<> File Raw Blame Edit ...

Soccer Analysis

Premier League

Images



Writing a README

- Need to be descriptive
 - Anyone should understand our project
- List the contents of the repository
- Clearly explains the project to others



README fundamentals

- Title
- Description of technology
 - Why?
- Description of the process
 - Why?
- Table of contents

README extras

- How the project came about
- The motivation
- Limitations
- Challenges
- What problem it hopes to solve
- What the intended use is
- Credits

Let's practice!

INTRODUCTION TO GITHUB CONCEPTS