

# What is GitHub?

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

<sup>1</sup> iStock image credit:vectorwin

# GitHub uses

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



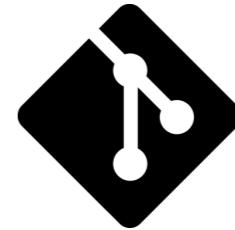
<sup>1</sup> iStock illustration ID:981887940

# GitHub vs. Git



## GitHub

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

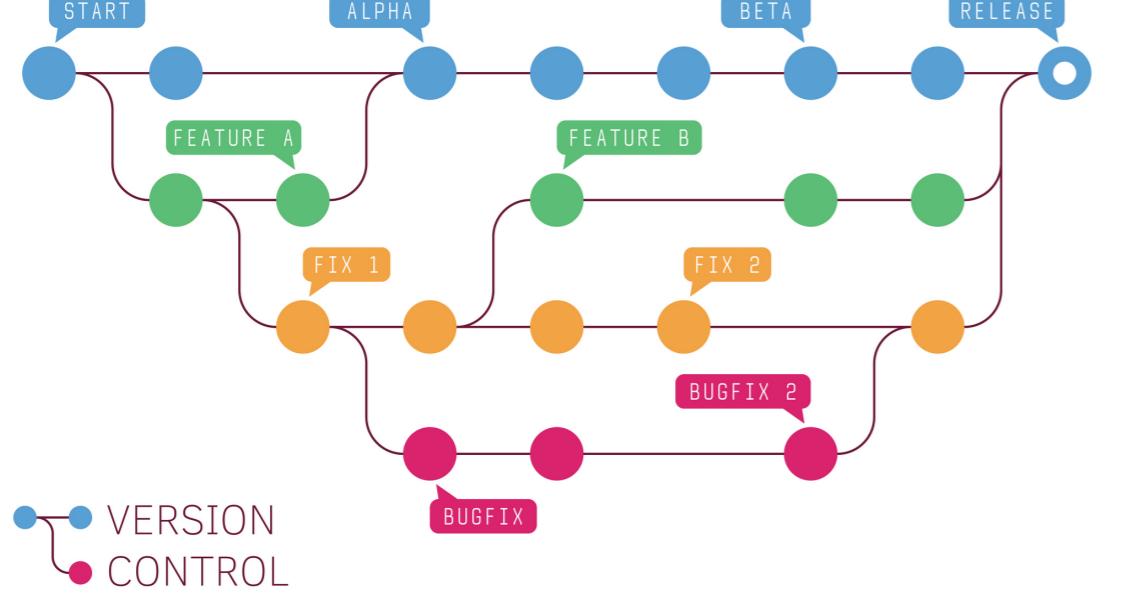


## Git

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

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

# Collaborating on GitHub

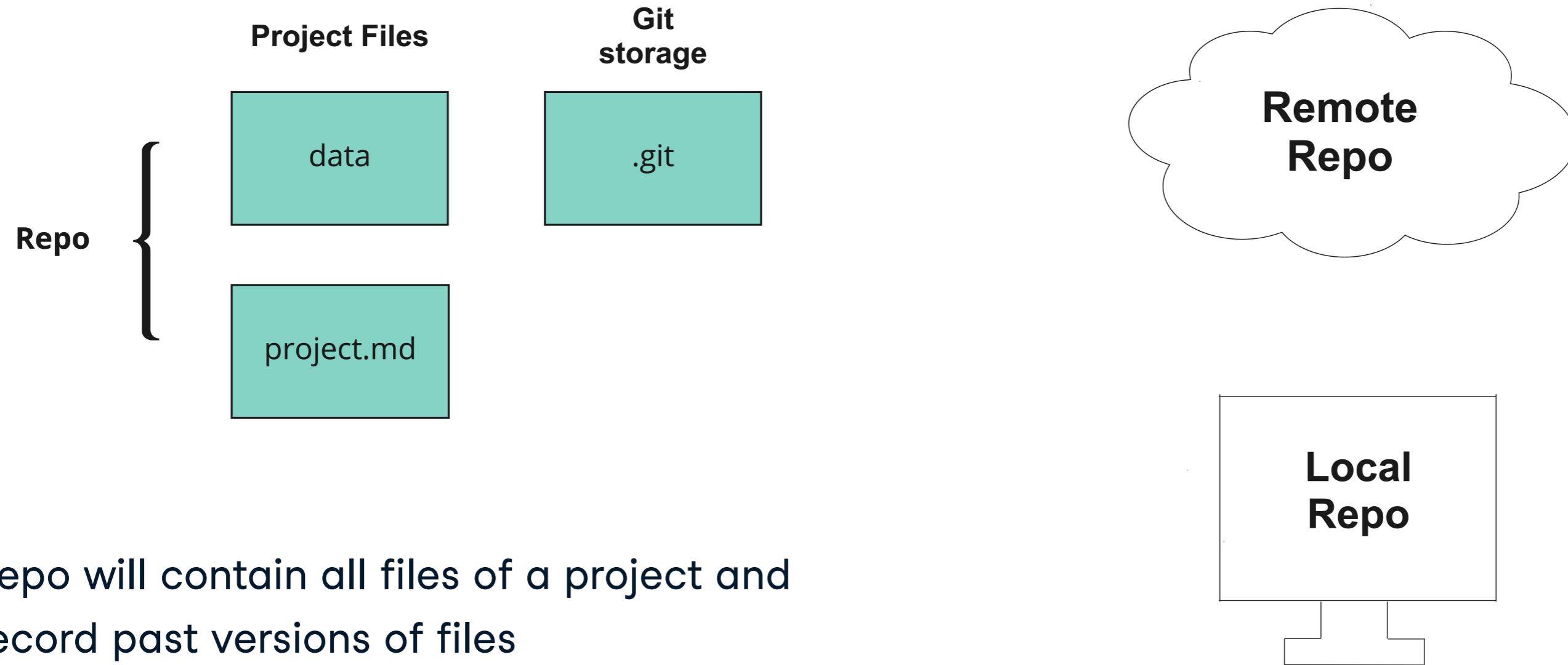


- Tracking a file through its different states
- Several people can work on the same file

- Can be accessed by anyone
- Complete history of every project stage

<sup>1</sup> iStock image credit: IkonStudio

# GitHub repo



# GitHub website

Screenshot of a GitHub profile page for Jasmin Ludolf.

The top navigation bar includes:

- Search bar: Search or jump to... /
- Links: Pull requests, Issues, Marketplace, Explore
- User icon: Bell, +, Profile

The main content area includes:

- Profile picture of Jasmin Ludolf.
- Profile details:
  - Name: Jasmin Ludolf
  - Username: jasminludolf
  - Edit profile button
- Statistics:
  - Followers: 0
  - Following: 1
- Contribution chart:
  - Shows contributions from Sep to Aug of the previous year.
  - Legend: Less (light gray), More (dark green).
  - Text: 392 contributions in the last year, Contribution settings ▾.
- Links:
  - <https://www.jasminludolf.com>
  - [@jasminludolf](#)
- Footer: 2022

# GitHub website

The screenshot shows a GitHub profile page for a user named Jasmin Ludolf. At the top, there's a navigation bar with links for Pull requests, Issues, Marketplace, and Explore. Below the navigation is a search bar and a user icon. The main content area features a circular profile picture of a woman with glasses, followed by her name "Jasmin Ludolf" and her GitHub handle "jasminludolf". There's a "Edit profile" button and a link to her website "https://www.jasminludolf.com". Below this, it shows "0 followers · 1 following". On the right side, there's a "Repositories" section with a count of 3, which is highlighted with a green oval. Other tabs include Overview, Projects, Packages, and Stars. A "Popular repositories" section is shown below, along with a "Customize your pins" link. Further down is a "Contribution activity" section with a heatmap showing contributions per day from September of the previous year to August of the current year. The heatmap uses a color scale from light gray (Less) to dark green (More). A legend at the bottom right of the heatmap shows four levels: Less, More, and two intermediate shades. The year "2022" is also visible in a blue button-like element.

Search or jump to... /

Pull requests Issues Marketplace Explore

Jasmin Ludolf  
jasminludolf

Edit profile

0 followers · 1 following

https://www.jasminludolf.com

@jasminludolf

Contribution activity

2022

Overview Repositories 3 Projects Packages Stars

Popular repositories

Customize your pins

392 contributions in the last year

Contribution settings ▾

Less More

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

Learn how we count contributions

# Let's practice!

GITHUB CONCEPTS

# Setting up a repo

GITHUB CONCEPTS



Jasmin Ludolf

Content Developer, DataCamp

# Create a new repository

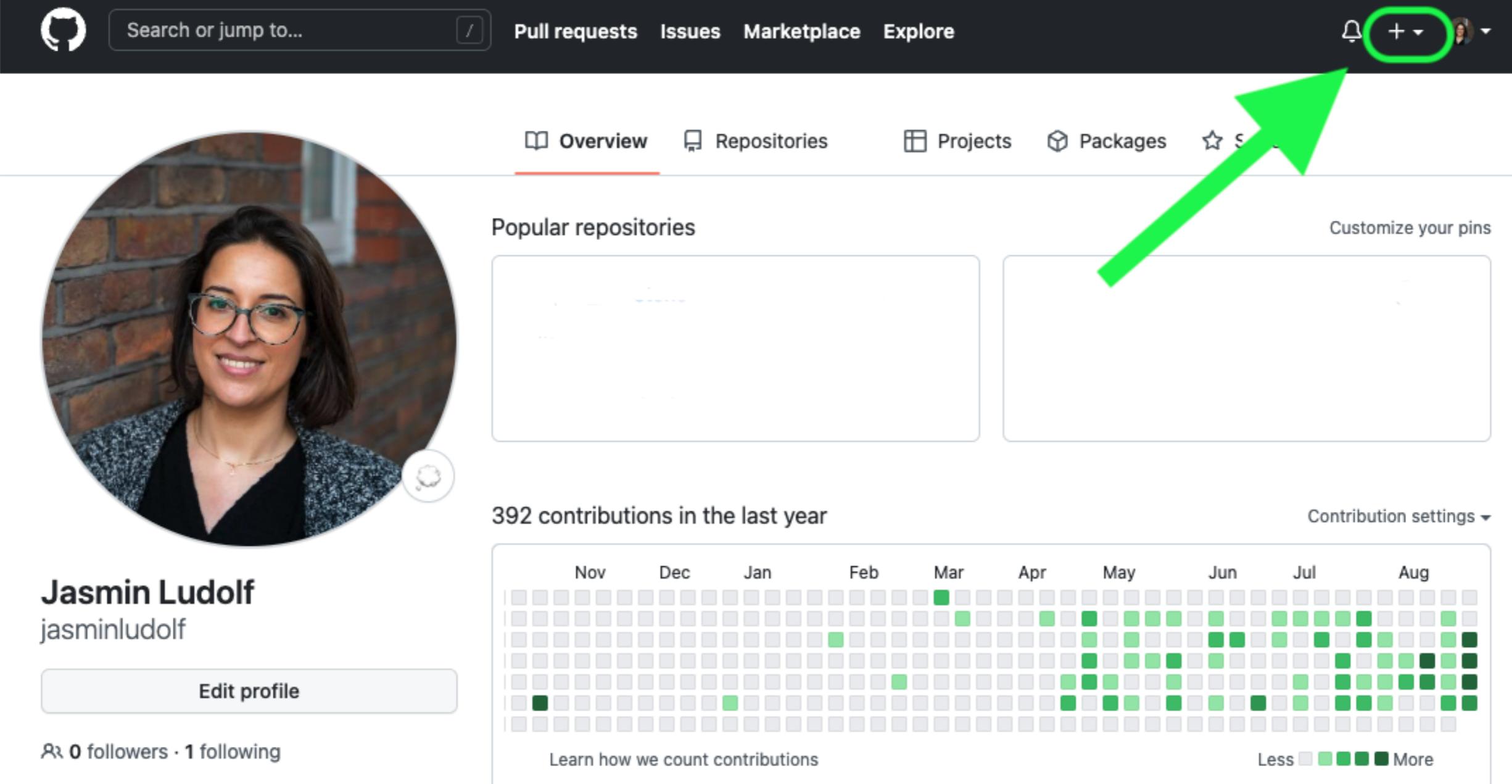
The screenshot shows a GitHub profile page for a user named Jasmin Ludolf. At the top, there's a navigation bar with the GitHub logo, a search bar, and links for Pull requests, Issues, Marketplace, and Explore. On the right side of the bar are icons for notifications, a plus sign, and a user profile.

The main content area features a large circular profile picture of a woman with glasses and a dark jacket. Below the picture, the user's name "Jasmin Ludolf" and GitHub handle "jasminludolf" are displayed, along with a "Edit profile" button. To the right of the profile picture, there are sections for "Popular repositories" (which is currently empty) and "Customize your pins" (also empty).

Below these sections, a summary states "392 contributions in the last year" with a "Contribution settings" dropdown. A heatmap visualization shows contribution activity from November of the previous year to August of the current year, with darker shades of green indicating higher contribution levels. A legend at the bottom right of the heatmap shows color-coded squares for "Less" (light gray), "More" (dark green), and "More" (darkest green).

At the very bottom of the page, there's a note "Learn how we count contributions".

# Create a new repository



The screenshot shows a GitHub user profile for Jasmin Ludolf. At the top, there's a navigation bar with the GitHub logo, a search bar, and links for Pull requests, Issues, Marketplace, and Explore. On the far right of the bar is a user icon with a green circle around it, and a green arrow points from the text above towards this icon.

Below the navigation bar, the user's profile picture is displayed, followed by their name, Jasmin Ludolf, and their GitHub handle, jasminludolf. There's also an "Edit profile" button.

The main section is the "Overview" tab, which includes a "Popular repositories" area (empty), a "Customize your pins" area (empty), and a "Contributions" section. The contributions section shows 392 contributions in the last year, with a heatmap grid where darker shades of green represent more frequent contributions. A legend at the bottom right of the heatmap indicates contribution levels: "Less" (lightest gray), "More" (darkest green), and "More" (medium green).

At the bottom left of the contributions section, there's a link to "Learn how we count contributions".

# Create a new repository

The screenshot shows a GitHub user profile for Jasmin Ludolf. At the top right, a dropdown menu is open, with the 'New repository' option highlighted by a green arrow and a green border. The menu also includes options like 'Import repository', 'New gist', 'New organization', and 'New project'. Below the profile picture, there's a summary of contributions: '392 contributions in the last year' and a heatmap showing contribution frequency per month. The profile itself includes sections for 'Overview', 'Repositories' (3), 'Projects', and 'Packages'.

New repository

Import repository

New gist

New organization

New project

Overview

Repositories 3

Projects

Packages

Popular repositories

392 contributions in the last year

Contribution settings ▾

Less More

Learn how we count contributions

Nov Dec Jan Feb Mar Apr May Jun Jul Aug

Jasmin Ludolf

jasminludolf

Edit profile

0 followers · 1 following

# Create a new repository

The screenshot shows a GitHub user profile for Jasmin Ludolf. At the top, there's a navigation bar with the GitHub logo, a search bar, and links for Pull requests, Issues, Marketplace, and Explore. To the right are notifications, a plus sign for creating new repositories, and a user icon. Below the navigation is a circular profile picture of a woman with glasses and a brick wall background. The profile section includes the name "Jasmin Ludolf", the handle "jasminludolf", and a "Edit profile" button. It also shows 0 followers and 1 following. At the bottom, there are links to her website (<https://www.jasminludolf.com>) and Twitter (@jasminludolf). The main content area is titled "Repositories" and features a search bar, filters for Type, Language, Sort, and a green "New" button.

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

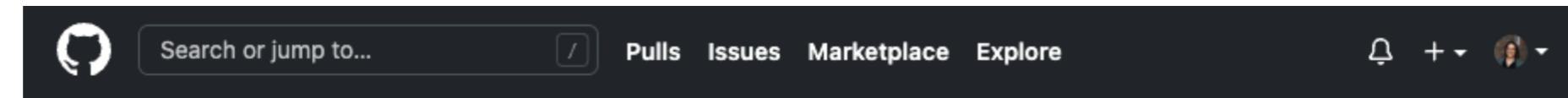
0 followers · 1 following

<https://www.jasminludolf.com>  
@jasminludolf

# Create a new repository

The screenshot shows a GitHub user profile for Jasmin Ludolf. At the top, there's a navigation bar with the GitHub logo, a search bar, and links for Pull requests, Issues, Marketplace, and Explore. Below the search bar, there's a circular profile picture of a woman with glasses and a dark jacket. To the right of the profile picture, the user's name "Jasmin Ludolf" and handle "jasminludolf" are displayed. Below the handle is a "Edit profile" button. Further down, it shows "0 followers · 1 following". At the bottom, there are links for the user's website (<https://www.jasminludolf.com>) and Twitter (@jasminludolf). The main content area is titled "Repositories" and includes a search bar, filters for Type, Language, and Sort, and a prominent green "New" button. A large green arrow points from the bottom left towards this "New" button, which is also highlighted with a green border.

# Create a new repository



## 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 \*

/

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

Description (optional)

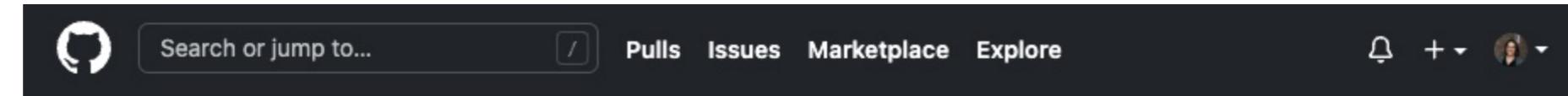
 Public

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



## 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 \*

/

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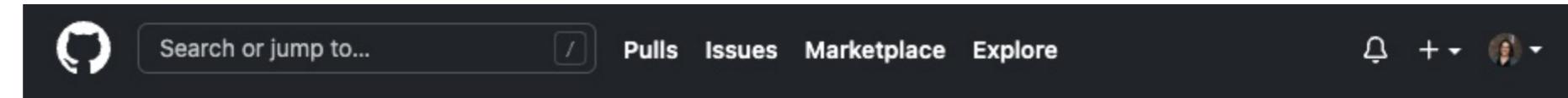
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Owner \*

 jasminludolf ▾

Repository name \*

/

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Description (optional)

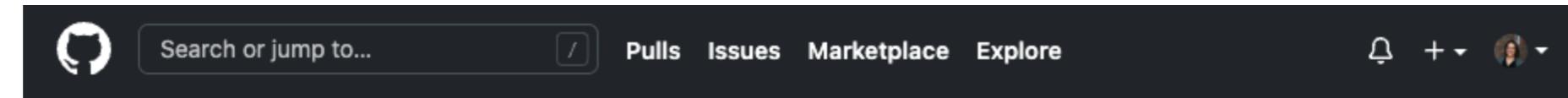
 Public

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



## 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 \*

/

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, there's a navigation bar with a search bar, pull requests, issues, marketplace, and explore links. Below the header, the main title 'Create a new repository' is displayed. A sub-instruction says 'A repository contains all project files, including the revision history. Already have a project repository elsewhere? [Import a repository](#).'. There's a section for 'Repository template' with a dropdown menu set to 'No template'. The 'Owner' field is populated with 'jasminludolf' and a slash separator. The 'Repository name' field is empty and highlighted with a blue border. A note below suggests using a short and memorable name like 'crispy-lamp'. The 'Description (optional)' field is empty. At the bottom, there are two radio button options: 'Public' (selected) and 'Private'. The 'Public' option is described as allowing anyone on the internet to see the repository while choosing who can commit. The 'Private' option is described as allowing the user to choose who can see and commit to 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 /

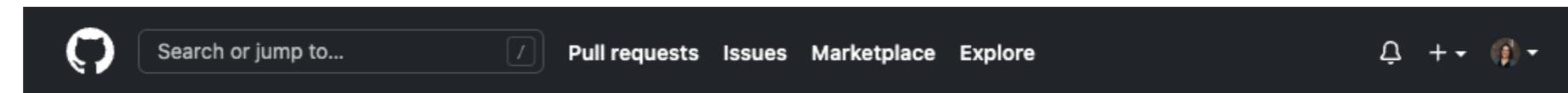
Great repository names are short and memorable. Need inspiration? How about [crispy-lamp](#)?

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



## 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

/ 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**

Create a .gitignore file to specify 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 they can and can't do with your code. [Learn more.](#)

License: None ▾

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**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.

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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 public repository in your personal account.

**Create repository**

# Navigating a repo

The screenshot shows a GitHub repository page for the user 'jasminludolf' with the repository name 'soccer\_analysis'. The repository is public. The main navigation bar includes links for Pull requests, Issues, Marketplace, and Explore. On the right side of the header are icons for notifications, a plus sign, and a user profile. Below the header, there are buttons for Pin, Unwatch (with 1 follower), Fork (0 forks), and Star (0 stars). The repository navigation bar includes links for Code, Issues, Pull requests, Actions, Projects, Wiki, Security, Insights, and Settings. The 'Code' link is currently selected, indicated by a red underline. Below the navigation bar, there are buttons for Go to file, Add file, and Code (which is highlighted in green). The repository summary shows 1 branch and 0 tags. A list of files includes '.gitignore' and 'README.md', both committed 2 minutes ago by 'jasminludolf'. The 'About' section describes the repository as 'Analyzing goal trends.' and provides statistics: 0 stars, 1 watching, and 0 forks. The 'Releases' section indicates 'No releases published' and has 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

**About**

Analyzing goal trends.

Readme 0 stars 1 watching 0 forks

**Releases**

No releases published Create a new release

README.md

**soccer\_analysis**

# Navigating a repo

The screenshot shows a GitHub repository page for the user 'jasminludolf' with the repository name 'soccer\_analysis'. The page is public. A green circle highlights the 'Code' tab in the navigation bar. The repository has 1 branch and 0 tags. The README.md file contains the text 'soccer\_analysis'. The repository has 0 stars, 1 watching, and 0 forks. It was last updated 2 minutes ago with 1 commit.

Code

Issues Pull requests Actions Projects Wiki Security Insights Settings

main 1 branch 0 tags Go to file Add file Code About

Analyzing goal trends.

Readme 0 stars 1 watching 0 forks

Releases

No releases published Create a new release

README.md

soccer\_analysis

# Navigating a repo

The screenshot shows a GitHub repository page for 'jasminludolf / soccer\_analysis'. The repository is public, has 1 branch, and 0 tags. The 'Code' tab is selected. A green box highlights the 'About' section, which contains the repository's description ('Analyzing goal trends.'), a link to the README, and metrics: 0 stars, 1 watching, and 0 forks. A large green arrow points to this box. Below the 'About' section is a 'Releases' section indicating no releases have been 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 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 a GitHub repository page for the user 'jasminludolf' with the repository name 'soccer\_analysis'. The repository is public, as indicated by the 'Public' badge. The main navigation bar includes links for 'Pull requests', 'Issues', 'Marketplace', and 'Explore'. On the right side of the header are icons for 'Pin', 'Unwatch', 'Fork', and 'Star'. Below the header, there are tabs for 'Code', 'Issues', 'Pull requests', 'Actions', 'Projects', 'Wiki', 'Security', 'Insights', and 'Settings', with 'Code' being the active tab. A dropdown menu shows the current branch is 'master' (1 branch, 0 tags). To the right of the code area is an 'About' section with the description 'Analyzing goal trends.' and links to 'Readme', 'stars', 'watching', and 'forks'. Below the code area, a file list shows three files: '.gitignore', 'README.md', and 'soccer\_analysis'. The 'README.md' file is expanded, showing its content: 'soccer\_analysis'. The 'soccer\_analysis' file is also visible in the expanded state.

# Navigating a repo

The screenshot shows a GitHub repository page for 'jasminludolf / soccer\_analysis'. The page has a dark header with a search bar, a navigation bar with links like 'Pull requests', 'Issues', 'Marketplace', and 'Explore', and a user profile icon. Below the header, the repository name 'jasminludolf / soccer\_analysis' is shown as 'Public'. There are buttons for 'Pin', 'Unwatch 1', 'Fork 0', and 'Star 0'. The main navigation bar includes 'Code', 'Issues' (which is highlighted with a green oval), 'Pull requests', 'Actions', 'Projects', 'Wiki', 'Security', 'Insights', and 'Settings'. A 'Filters' dropdown and a search bar with the query 'is:issue is:open' are also present. The main content area displays a message: '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 a GitHub repository page for 'jasminludolf / soccer\_analysis'. The page has a dark header with a search bar, a notification bell, and a user icon. Below the header, the repository name 'jasminludolf / soccer\_analysis' is shown, along with a 'Public' badge, a 'Pin' button, an 'Unwatch' button (with 1 user), a 'Fork' button (with 0 forks), and a 'Star' button (with 0 stars). A green circle highlights the 'Pull requests' tab in the navigation bar, which also includes 'Code', 'Issues', 'Actions', 'Projects', 'Wiki', 'Security', 'Insights', and 'Settings'. Below the navigation bar are filters ('Filters', 'is:pr is:open'), a 'Labels' section (9 labels), a 'Milestones' section (0 milestones), and a 'New pull request' button. The main content area displays a 'Welcome to pull requests!' message with a brief description of how pull requests work and 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

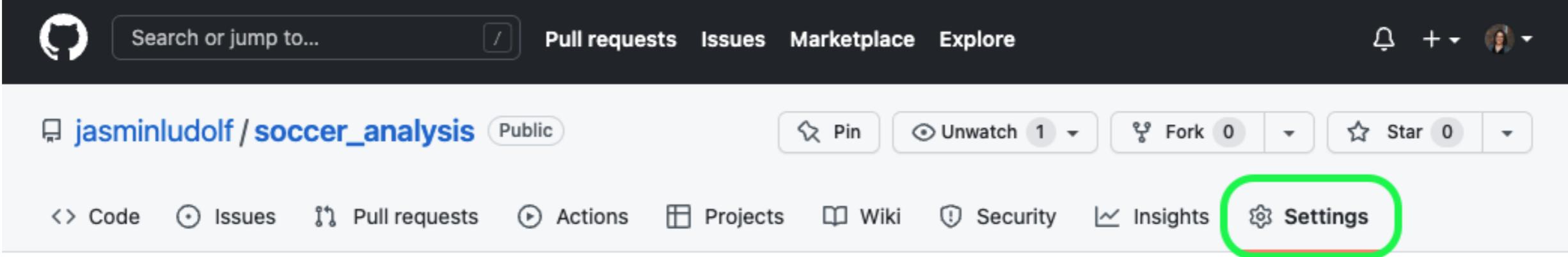
Code Issues Pull requests Actions Projects Wiki Security Insights Settings

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 a GitHub repository page for `jasminludolf / soccer_analysis`. The top navigation bar includes links for Pull requests, Issues, Marketplace, Explore, and a user profile. Below the repository name, there are buttons for Pin, Unwatch (1), Fork (0), and Star (0). The main navigation bar at the bottom of the page has tabs for Code, Issues, Pull requests, Actions, Projects, Wiki, Security, Insights, and Settings. The **Settings** tab is highlighted with a green oval.

**General**

**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!

GITHUB CONCEPTS

# Creating a README

GITHUB CONCEPTS



**Jasmin Ludolf**

Content Developer, DataCamp

# Edit the README

The screenshot shows a GitHub repository page for the user 'jasminludolf' with the repository name 'soccer\_analysis'. The repository is public. The main navigation bar includes links for Pull requests, Issues, Marketplace, and Explore. On the right side of the header are icons for a bell (notifications), a plus sign (new repository or issue), and a user profile.

The repository details section shows the following information:

- Code tab is selected.
- Issues, Pull requests, Actions, Projects, Wiki, Security, Insights, and Settings tabs are also present.
- Branch: main (selected), 1 branch, 0 tags.
- Code dropdown menu: Go to file, Add file, Code (selected).
- Commit history:
  - jasminludolf Initial commit (126a8ad, 1 hour ago, 1 commit)
  - .gitignore Initial commit (1 hour ago)
  - README.md Initial commit (1 hour ago)
- About section:
  - Analyzing goal trends of the past 5 years.
  - Readme
  - 0 stars
  - 1 watching
  - 0 forks
- Releases section: No releases published. Create a new release.

# Edit the README

The screenshot shows a GitHub repository page for the user 'jasminludolf' with the repository name 'soccer\_analysis'. The repository is public. At the top, there is a navigation bar with links for 'Pull requests', 'Issues', 'Marketplace', and 'Explore'. Below the navigation bar, the repository name 'jasminludolf / soccer\_analysis' is displayed along with a 'Public' badge. To the right of the repository name are buttons for 'Pin', 'Unwatch', 'Fork', and 'Star'. Below these buttons is a horizontal menu with links for 'Code', 'Issues', 'Pull requests', 'Actions', 'Projects', 'Wiki', 'Security', 'Insights', and 'Settings'. The 'Code' link is highlighted with a red underline. On the left side, there is a sidebar with a dropdown for the 'main' branch, showing '1 branch' and '0 tags'. Below the sidebar is a list of files: '.gitignore' and 'README.md', both of which are listed as 'Initial commit' made by 'jasminludolf' 1 hour ago. A green box highlights the 'README.md' file. To the right of the sidebar, there is an 'About' section containing a brief description: 'Analyzing goal trends of the past 5 years.' Below this are icons for 'Readme', '0 stars', '1 watching', and '0 forks'. Further down, there is a 'Releases' section with the message 'No releases published' and a link to 'Create a new release'.

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 About

Analyzing goal trends of the past 5 years.

Readme 0 stars 1 watching 0 forks

Releases No releases published Create a new release

README.md

soccer\_analysis

# Edit the README

The screenshot shows a GitHub repository page for the user 'jasminludolf' with the repository name 'soccer\_analysis'. The repository is public, as indicated by the 'Public' badge. The main 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). The navigation menu at the top of the page includes Code, Issues, Pull requests, Actions, Projects, Wiki, Security, Insights, and Settings. The 'Code' tab is currently selected.

On the left side, there is a sidebar showing the main branch ('main'), 1 branch, and 0 tags. It lists three files: '.gitignore' (Initial commit, 1 hour ago), 'README.md' (Initial commit, 1 hour ago), and 'README.md' (Initial commit, 1 hour ago). A large green arrow points from the text 'Edit the README' in the heading to the edit icon (a pencil) next to the second 'README.md' entry in the sidebar.

The main content area displays the 'README.md' file content:

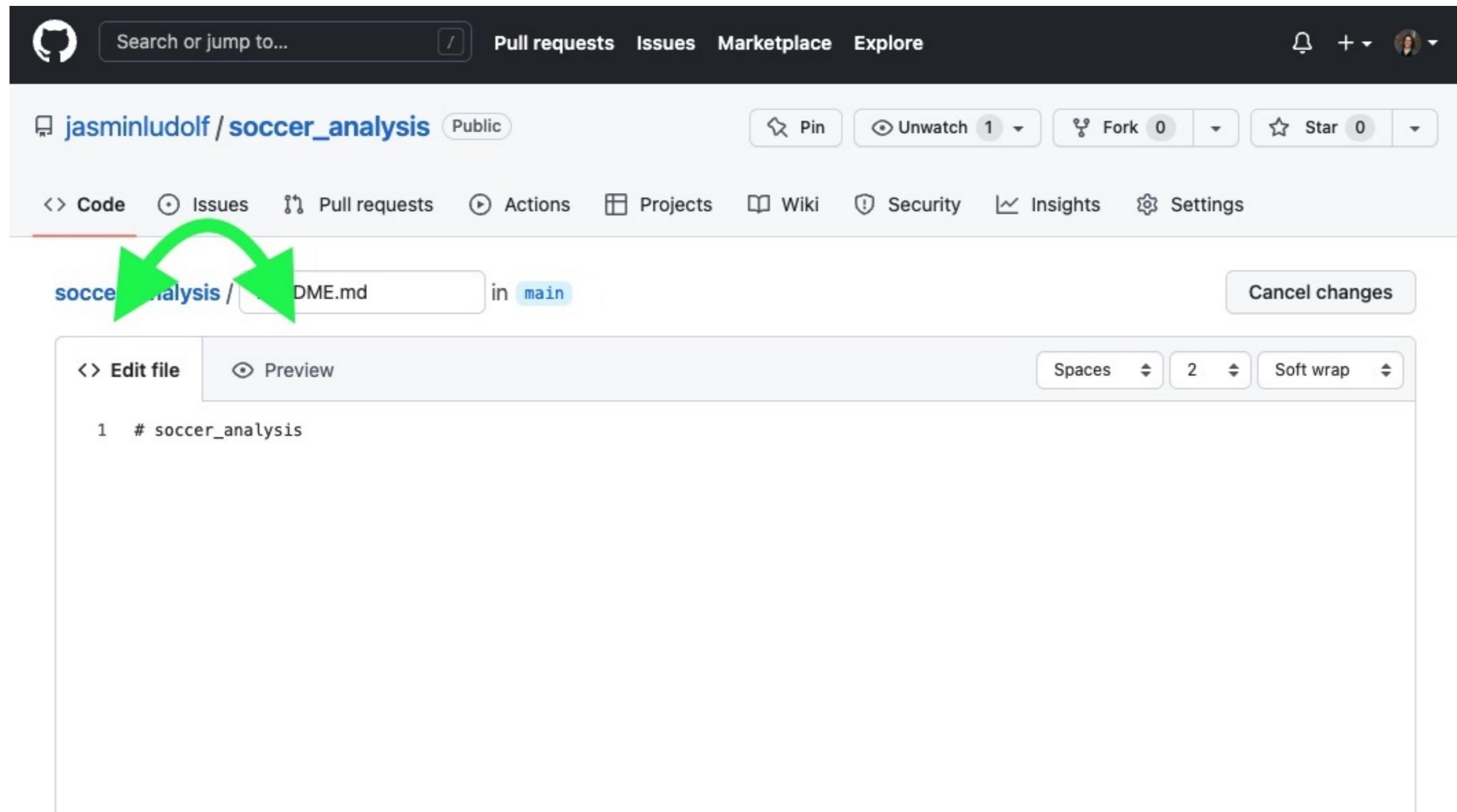
```
soccer_analysis
```

The right sidebar contains the repository's About section, which describes it as 'Analyzing goal trends of the past 5 years.' It also shows statistics: 0 stars, 1 watching, and 0 forks. Below this is the Releases section, which states 'No releases published' and 'Create a new release'.

# Markdown

The screenshot shows a GitHub repository page for 'jasminludolf / soccer\_analysis'. The repository is public. The main 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 below the main one includes Code, Issues, Pull requests, Actions, Projects, Wiki, Security, Insights, and Settings. The 'Code' tab is selected, highlighted by a red underline. In the center, the 'README.md' file is displayed. The file path is 'soccer\_analysis / README.md' and it is located in the 'main' branch. There is a 'Cancel changes' button. Below the file path, there are buttons for Edit file and Preview. The preview area shows the single line of text '1 # soccer\_analysis'. To the right of the preview area are buttons for Spaces (set to 2) and Soft wrap.

# Edit vs. Preview



# 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

# Hyperlinks

The screenshot shows a GitHub repository page for a file named `soccer_analysis / README.md`. The page includes navigation links for Code, Issues, Pull requests, Actions, Projects, Wiki, Security, Insights, and more. It displays a commit from user `jasminludolf` that updated `README.md`. The commit message is "Update README.md". A link to the commit history is provided. Below the commit, it says "All 1 contributor". At the bottom, there are download options for the file (Raw, Blame, etc.) and a preview section titled "Soccer Analysis" which contains the text "Premier League".

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

All 1 contributor

3 lines (2 sloc) | 68 Bytes

Soccer Analysis

Premier League

# Images

The screenshot shows a GitHub repository page for `jasminludolf/soccer_analysis`. The repository is public. The main navigation bar includes links for Pulls, Issues, Marketplace, and Explore. On the right side of the header are icons for notifications, creating a new repository, and user profile.

The repository name `soccer_analysis` is displayed above the README file. The README file is currently being edited, with the preview tab selected. The preview shows the following content:

```
1 # Soccer Analysis
```

Below the preview, there are buttons for Edit file, Preview, Spaces (set to 2), and Soft wrap. A file named `latiga.jpeg` is attached to the file. There are also buttons for Cancel changes and Commit changes.

# 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!

GITHUB CONCEPTS