

Modifying a repo structure

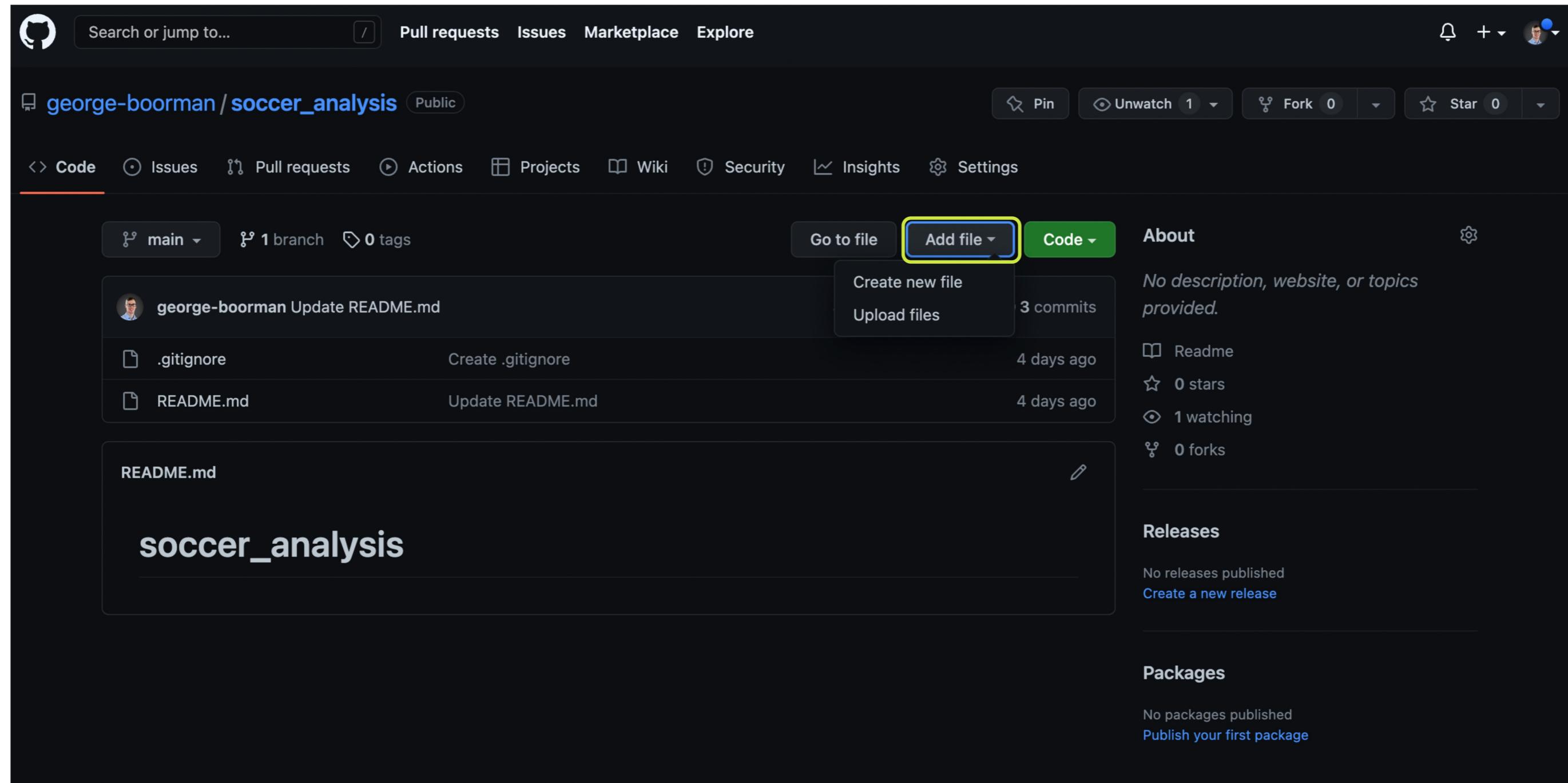
GITHUB CONCEPTS



George Boorman

Curriculum Manager, DataCamp

Creating a new file



The screenshot shows a GitHub repository page for 'george-boorman / soccer_analysis'. The repository is public and has 1 branch and 0 tags. The 'Code' tab is selected. The 'Add file' button in the 'Code' dropdown menu is highlighted with a yellow box. The dropdown menu also includes 'Go to file', 'Create new file', and 'Upload files'. The repository has 3 commits, 4 days ago. The 'About' section notes 'No description, website, or topics provided.' It shows 0 stars, 1 watching, and 0 forks. The 'Releases' and 'Packages' sections are also present.

george-boorman / soccer_analysis (Public)

Code Issues Pull requests Actions Projects Wiki Security Insights Settings

main 1 branch 0 tags

george-boorman Update README.md

.gitignore Create .gitignore 4 days ago

README.md Update README.md 4 days ago

README.md

soccer_analysis

Go to file Add file Create new file Upload files 3 commits 4 days ago

About

No description, website, or topics provided.

Readme 0 stars 1 watching 0 forks

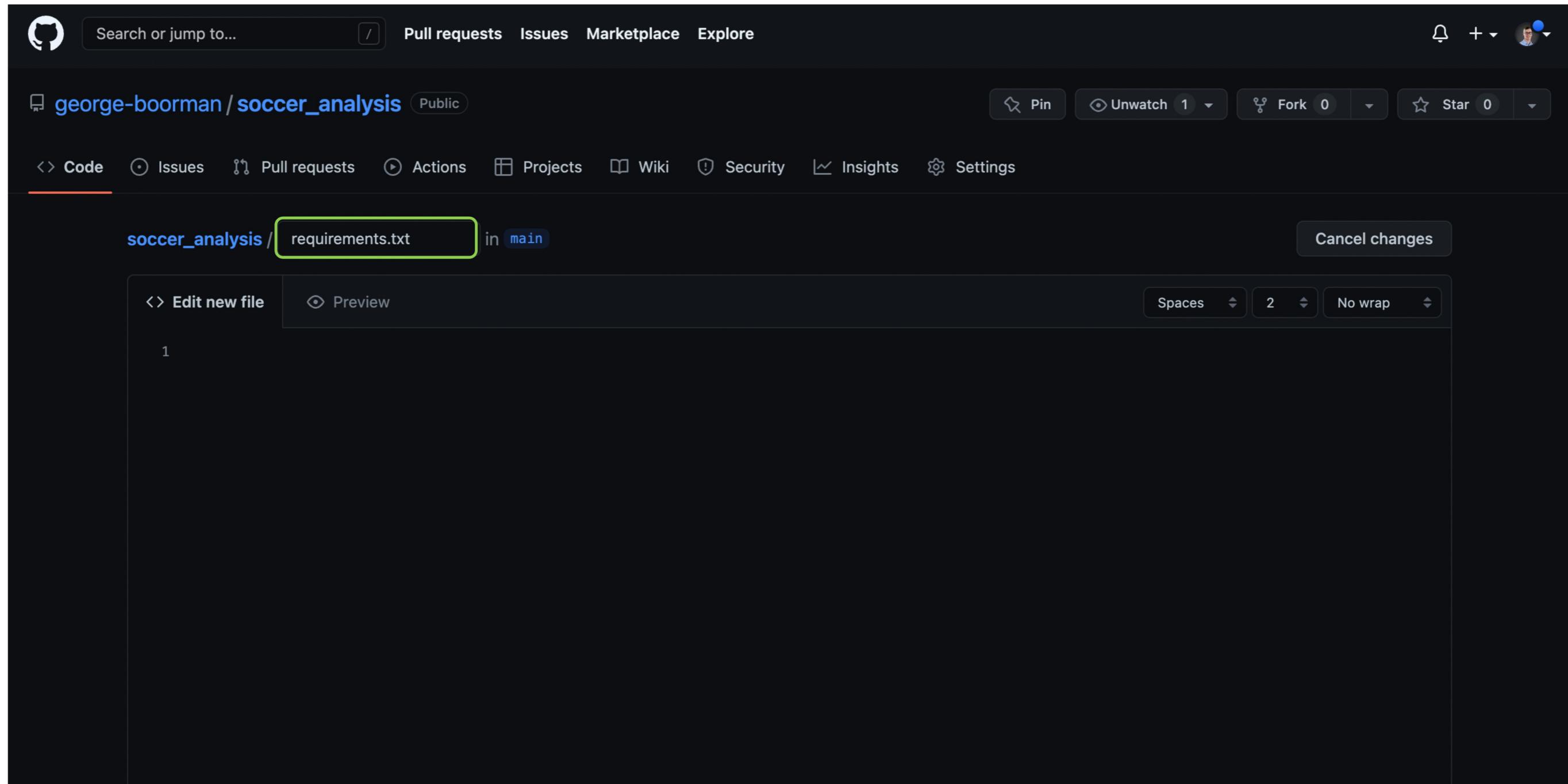
Releases

No releases published Create a new release

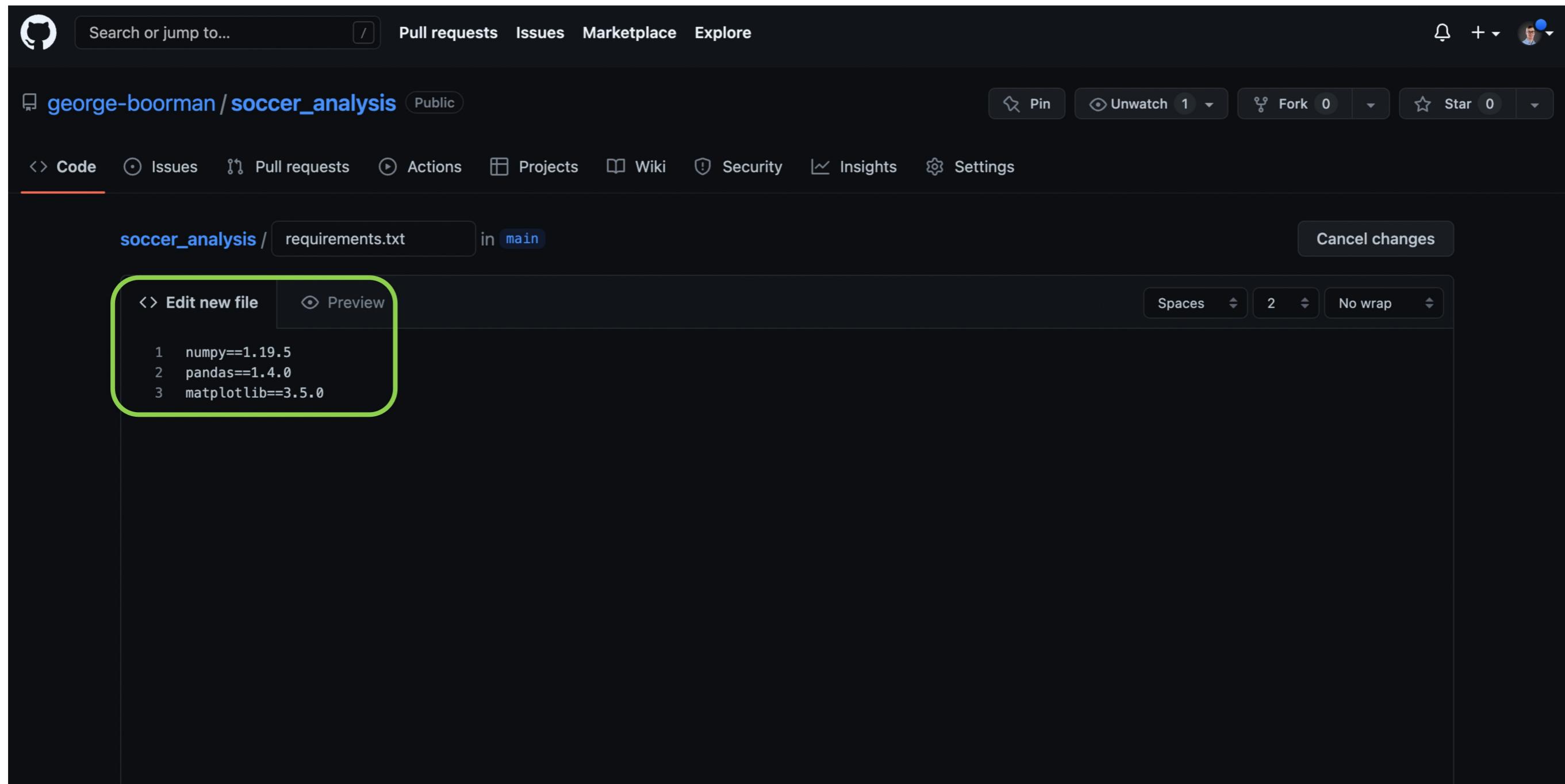
Packages

No packages published Publish your first package

Naming the file



Editing the new file



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

george-boorman / soccer_analysis Public

Pin Unwatch 1 Fork 0 Star 0

Code Issues Pull requests Actions Projects Wiki Security Insights Settings

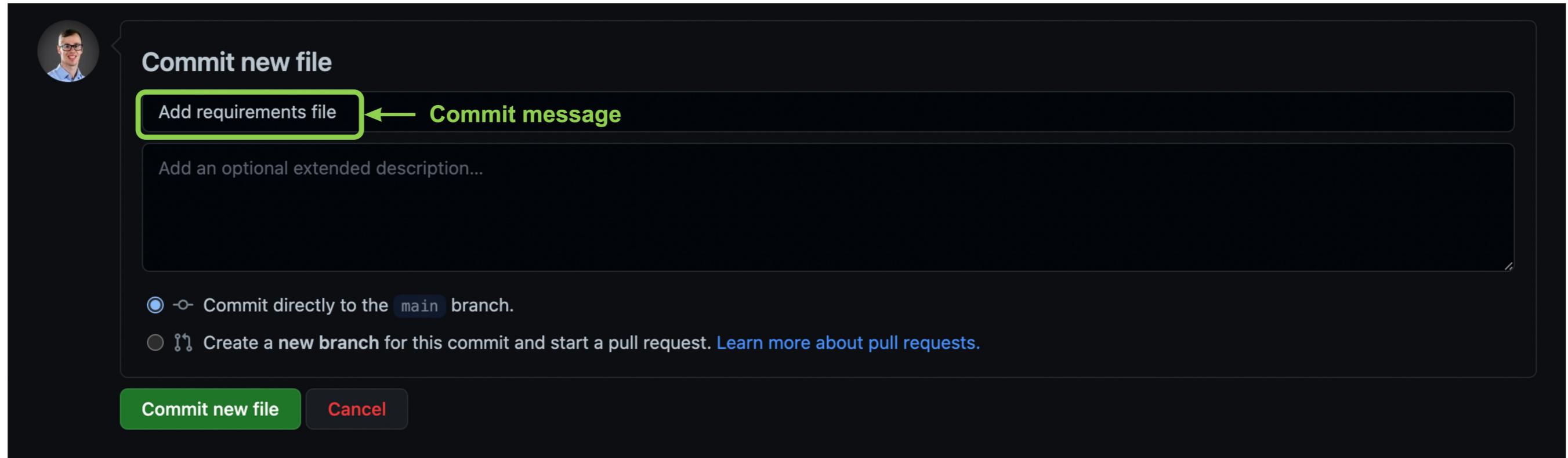
soccer_analysis / requirements.txt in main Cancel changes

Edit new file Preview

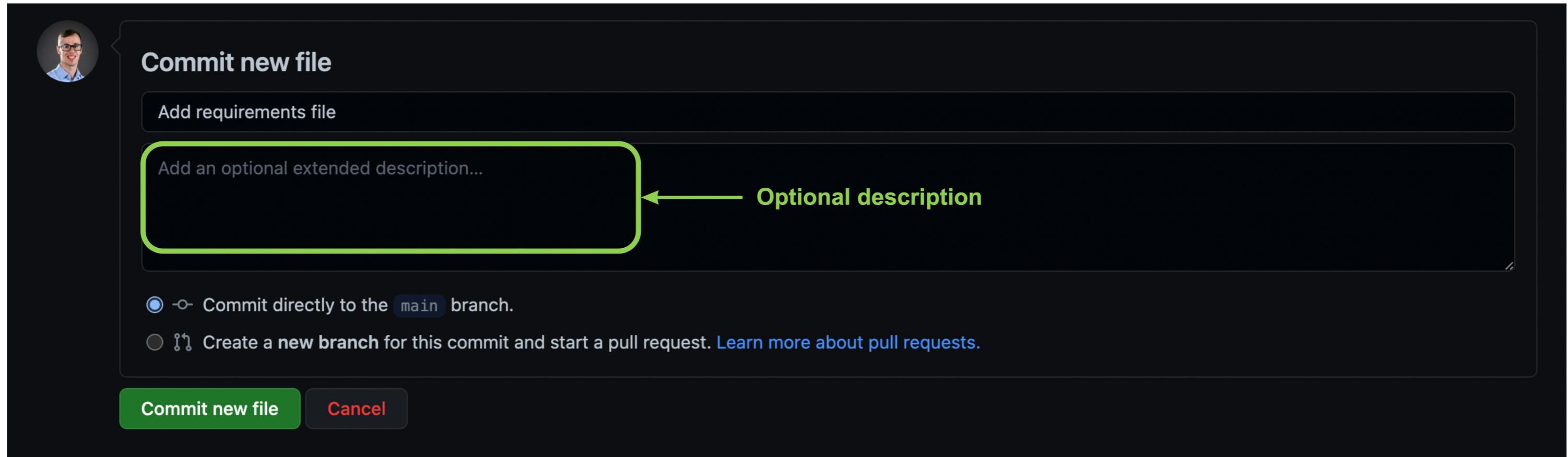
```
1 numpy==1.19.5
2 pandas==1.4.0
3 matplotlib==3.5.0
```

Spaces 2 No wrap

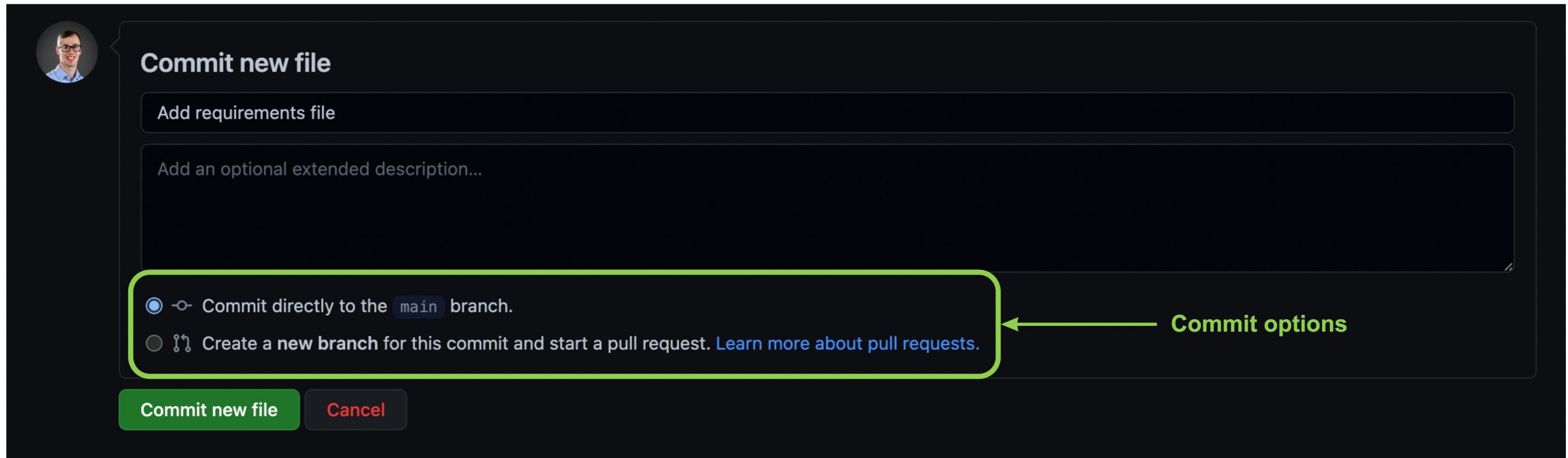
Committing the new file



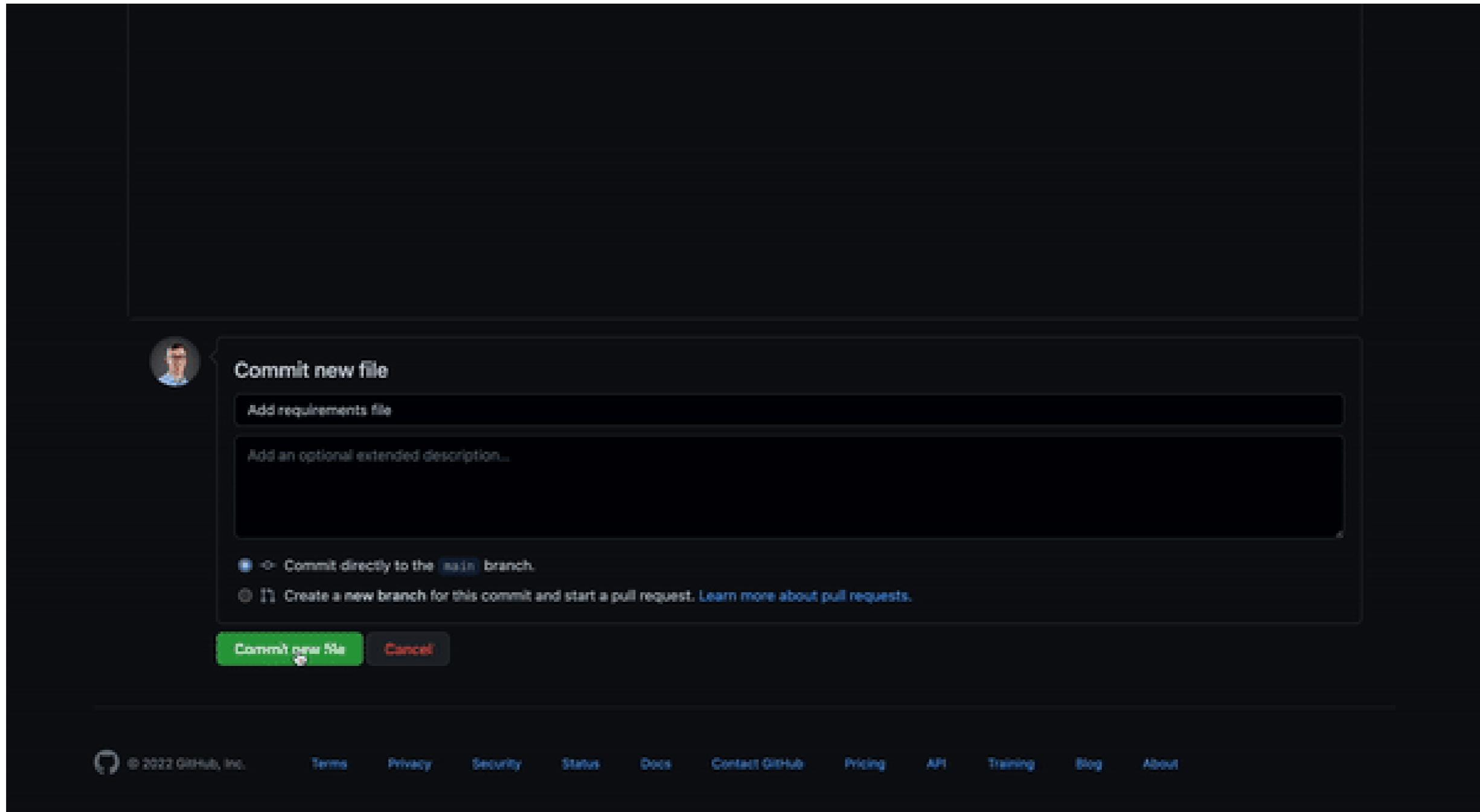
Committing the new file



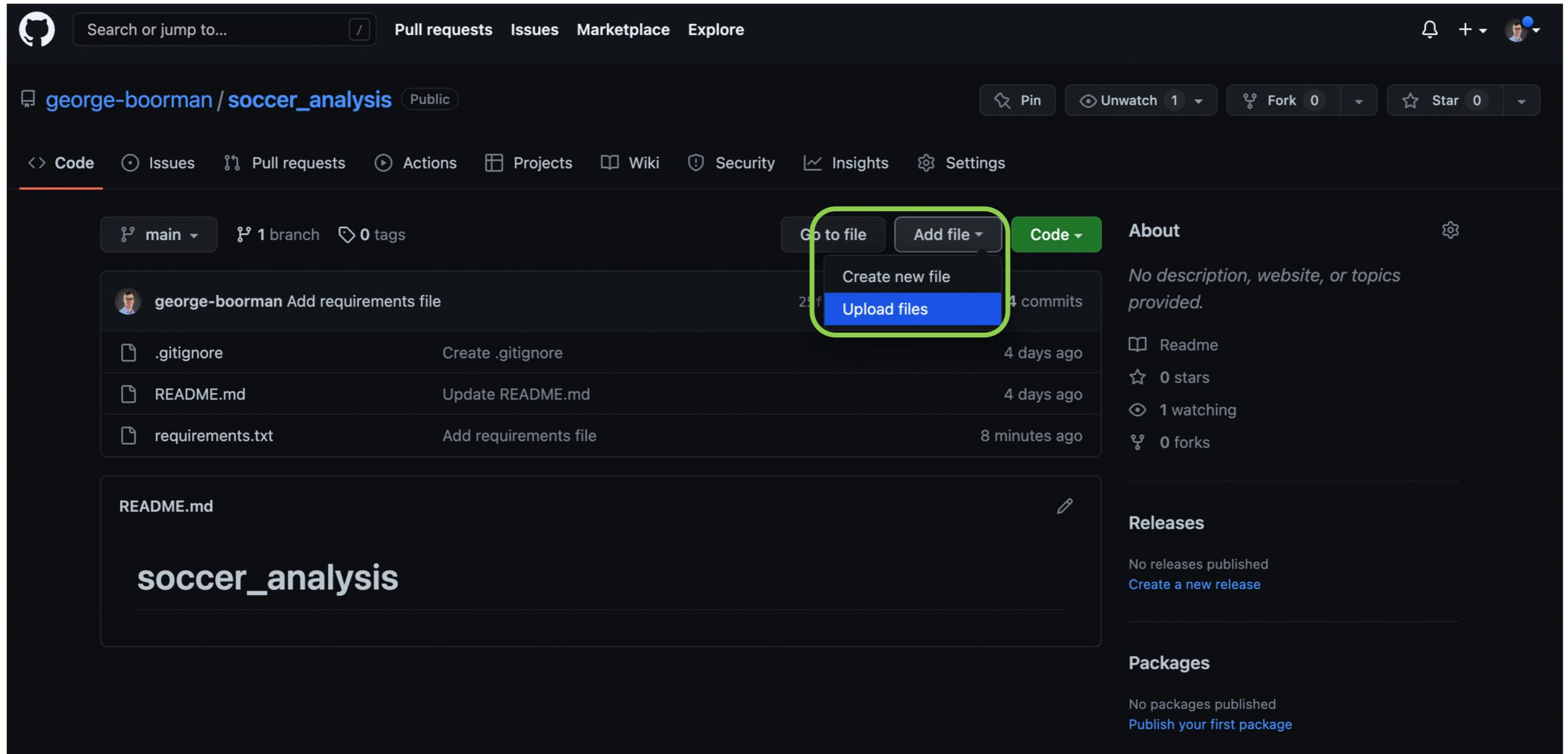
Committing the new file



Committing the new file



Uploading a file



The screenshot shows a GitHub repository page for `george-boorman/soccer_analysis`. The repository is public and has 1 branch and 0 tags. The `Code` tab is selected. A context menu is open over the repository summary, with the `Upload files` option highlighted with a green box.

Code tab selected.

Repository summary:

- 1 branch
- 0 tags
- george-boorman Add requirements file
- .gitignore
- README.md
- requirements.txt

Context menu (Code dropdown):

- Go to file
- Add file
- Upload files (highlighted)
- Create new file

About section:

No description, website, or topics provided.

Code section:

- Readme
- 0 stars
- 1 watching
- 0 forks

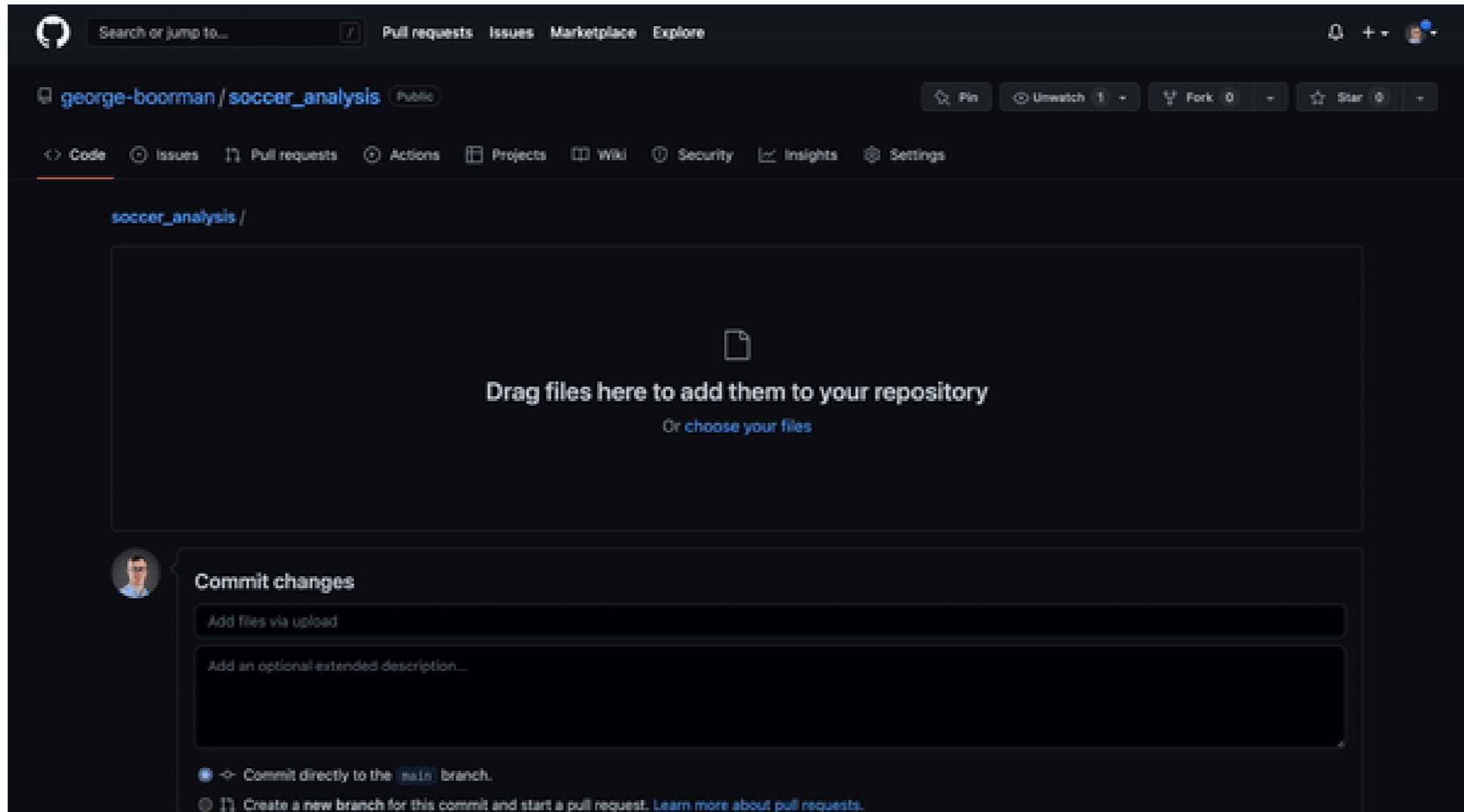
Releases section:

No releases published

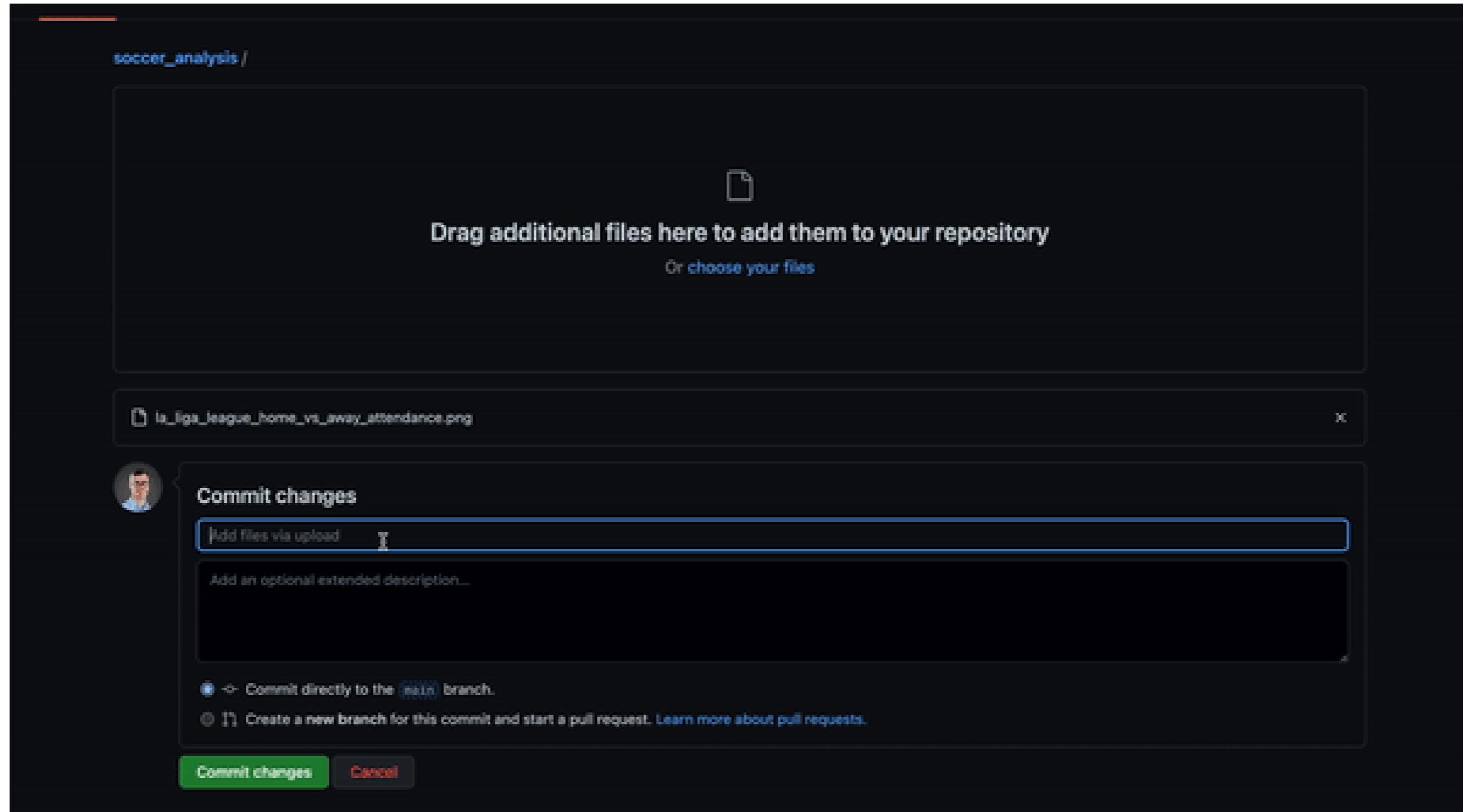
Packages section:

No packages published

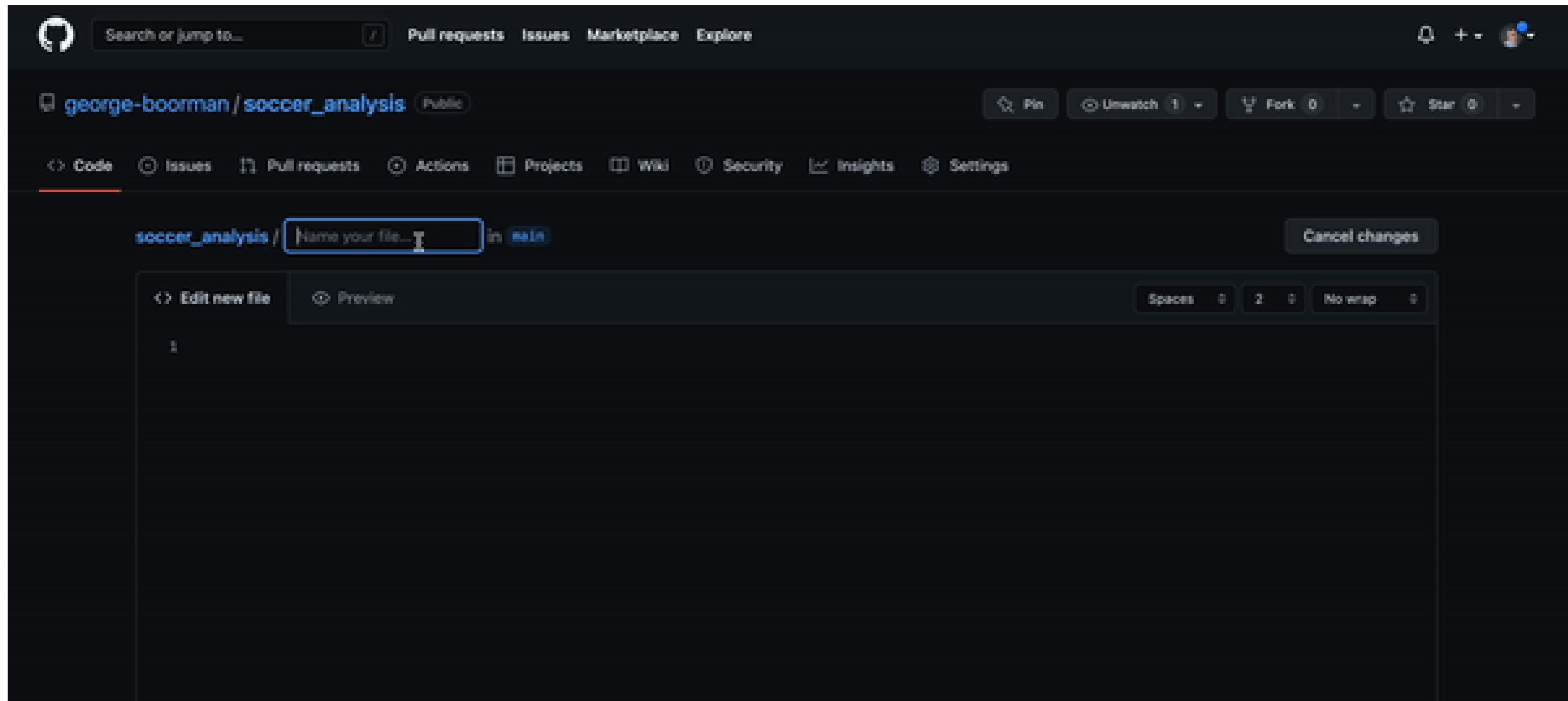
Uploading a file



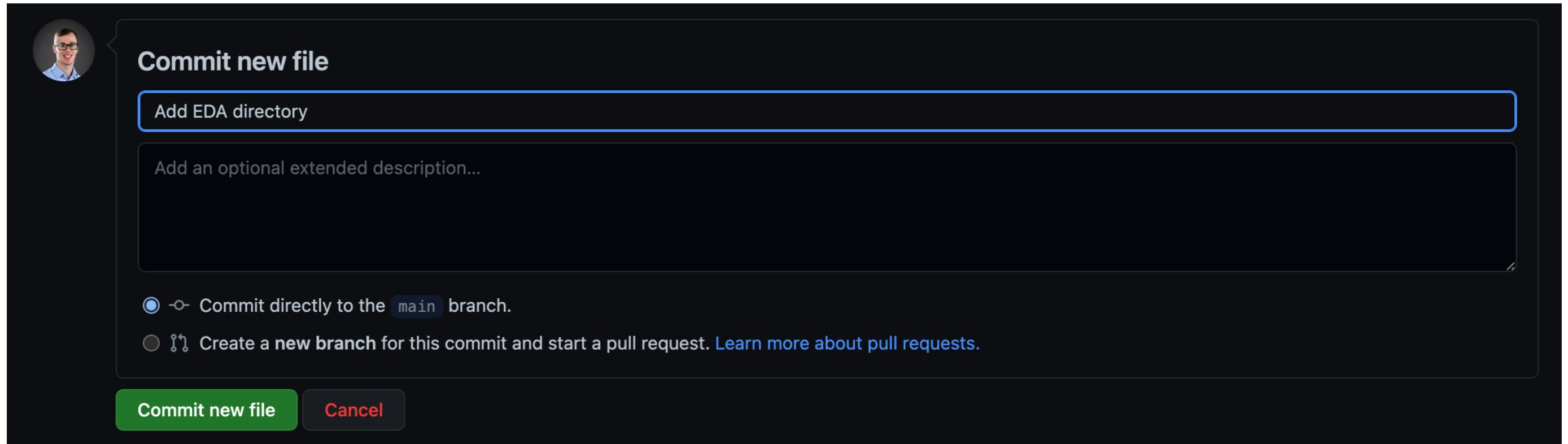
Uploading a file



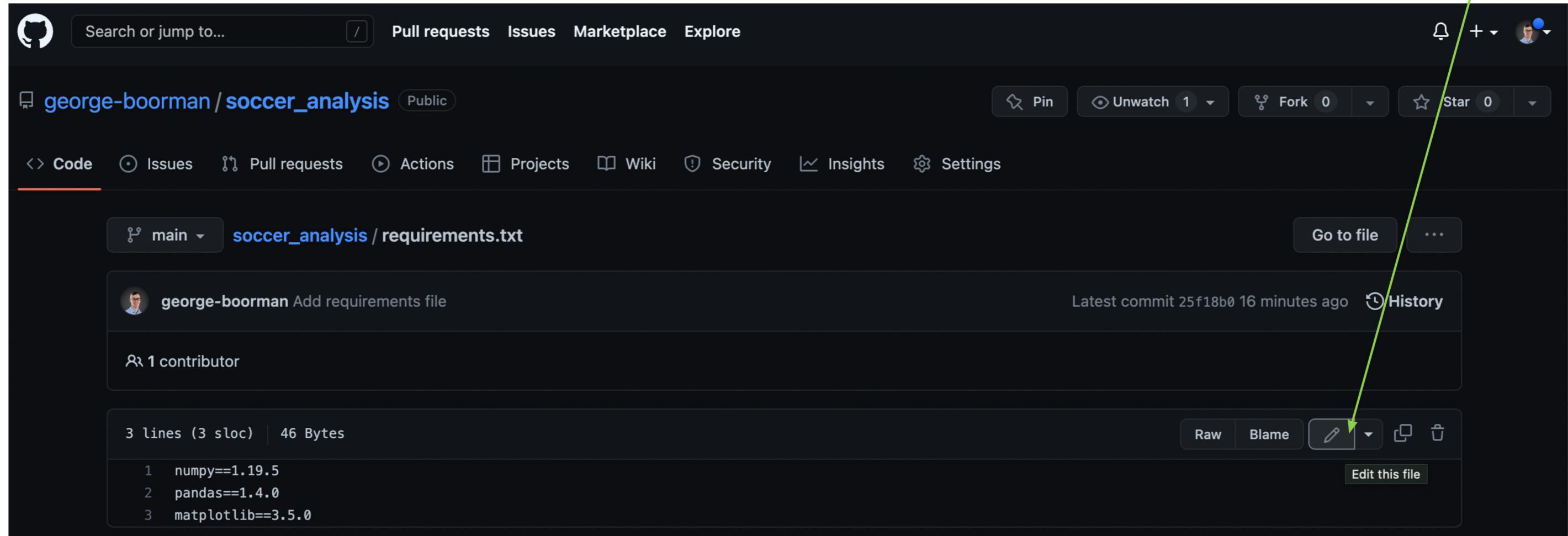
Creating a new directory



Creating a new directory



Modifying a file

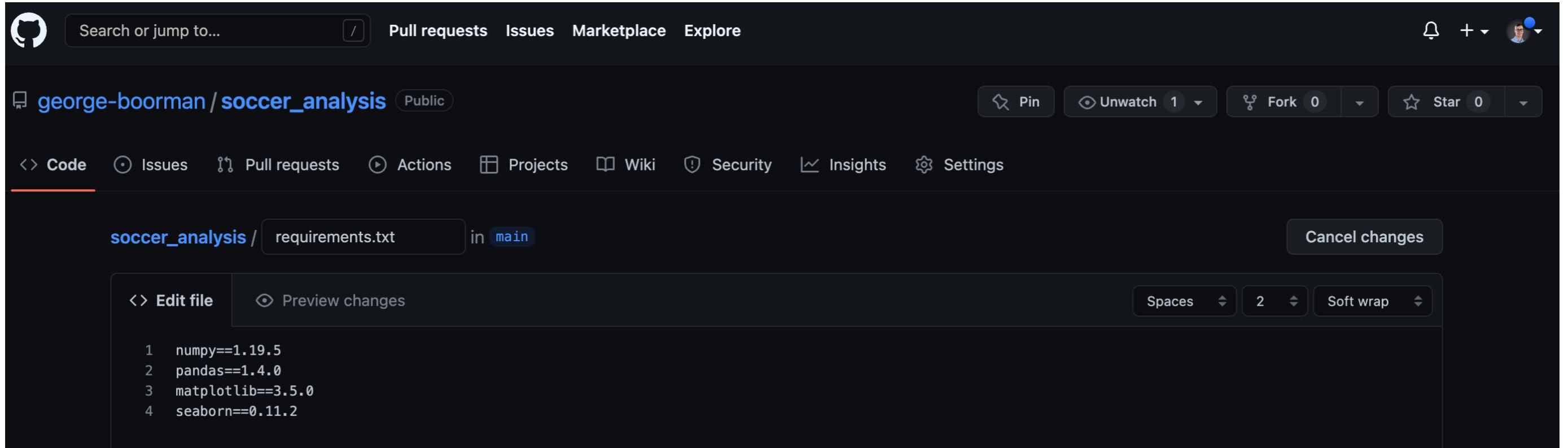


A screenshot of a GitHub repository page for `george-boorman / soccer_analysis`. The repository is public. The 'Code' tab is selected. The file `requirements.txt` is displayed, showing its contents:

```
1 numpy==1.19.5
2 pandas==1.4.0
3 matplotlib==3.5.0
```

The file has 3 lines (3 sloc) and 46 Bytes. The 'Edit this file' button in the toolbar is highlighted with a green arrow.

Modifying a file



The screenshot shows a GitHub repository page for 'george-boorman / soccer_analysis'. The 'Code' tab is selected. A modal window is open, showing the content of the 'requirements.txt' file in the 'main' branch. The file contains the following dependencies:

```
1 numpy==1.19.5
2 pandas==1.4.0
3 matplotlib==3.5.0
4 seaborn==0.11.2
```

The GitHub interface includes a search bar, navigation links (Pull requests, Issues, Marketplace, Explore), and user profile icons. The repository is public, with 1 watch, 0 forks, and 0 stars.

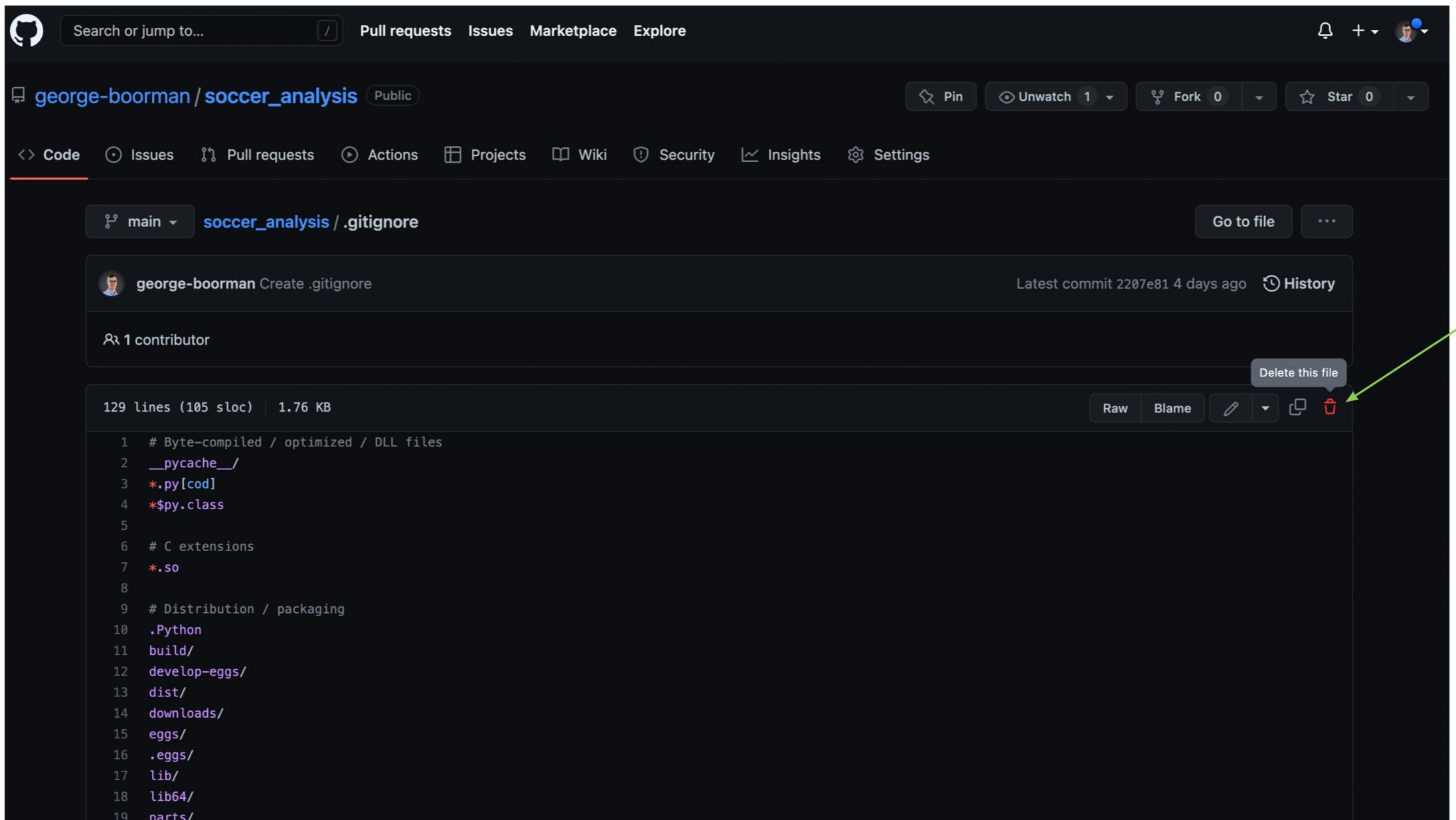
Deleting a file

The screenshot shows a GitHub repository page for `george-boorman / soccer_analysis`. The repository is public and has 1 branch and 0 tags. The `Code` tab is selected. A commit history is displayed, showing the following changes:

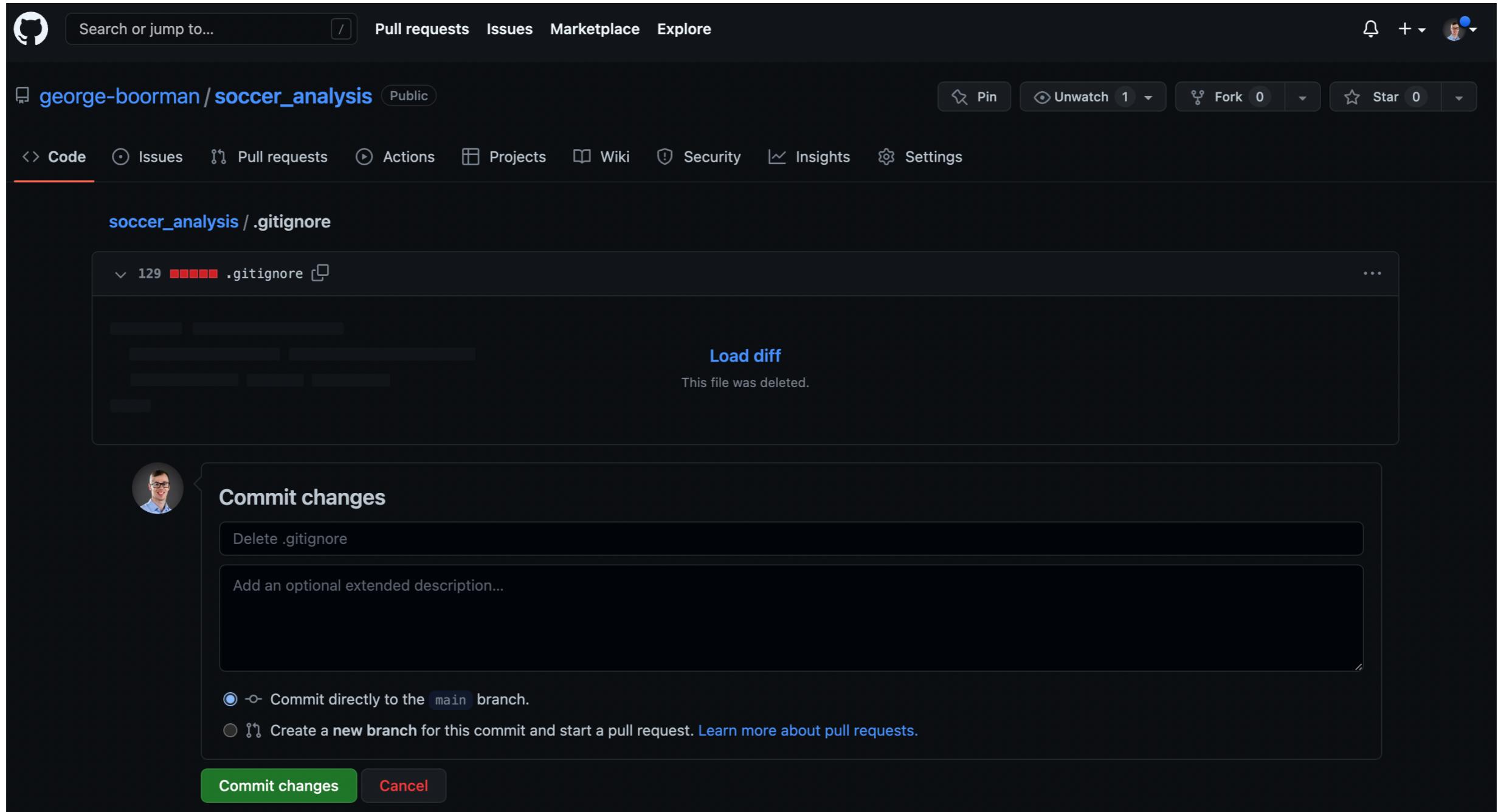
- george-boorman Add EDA directory (8795fb3, 1 minute ago, 9 commits)
- EDA Add EDA directory (1 minute ago)
- .gitignore Create .gitignore (4 days ago)
- README.md Update README.md (4 days ago)
- la_liga_league_home_vs_away_att... Add la liga attendance plot (11 minutes ago)
- requirements.txt Add seaborn to requirements.txt (6 minutes ago)

On the right side, there are sections for **About**, **Releases**, and **Packages**. The **About** section notes "No description, website, or topics provided." The **Releases** section says "No releases published" and "Create a new release". The **Packages** section says "No packages published" and "Publish your first package".

Deleting a file



Deleting a file



The screenshot shows a GitHub repository page for `george-boorman / soccer_analysis`. The repository is public. The `Code` tab is selected. In the code listing, a file named `.gitignore` is shown, with a message indicating it was deleted.

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

`soccer_analysis / .gitignore`

129 129 .gitignore

Load diff
This file was deleted.

Commit changes

Delete `.gitignore`

Add an optional extended description...

Commit directly to the `main` branch.

Create a new branch for this commit and start a pull request. [Learn more about pull requests](#).

Commit changes | **Cancel**

Let's practice!

GITHUB CONCEPTS

Working with branches

GITHUB CONCEPTS

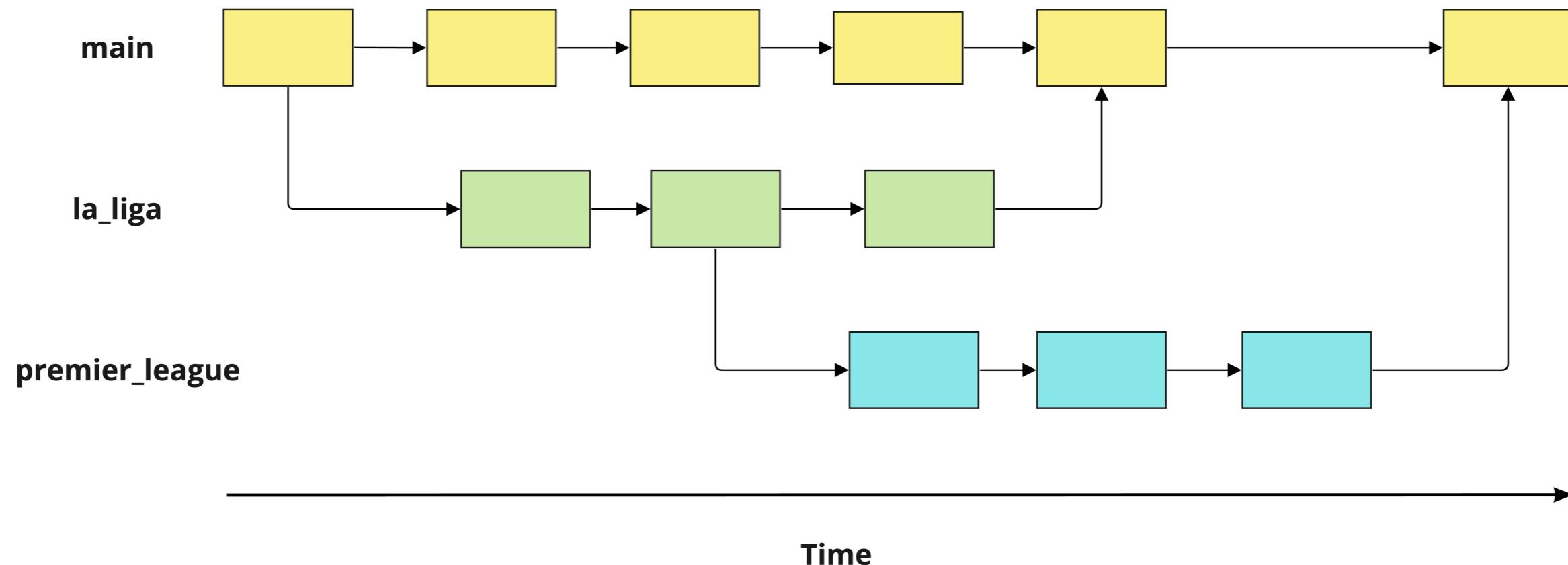


George Boorman

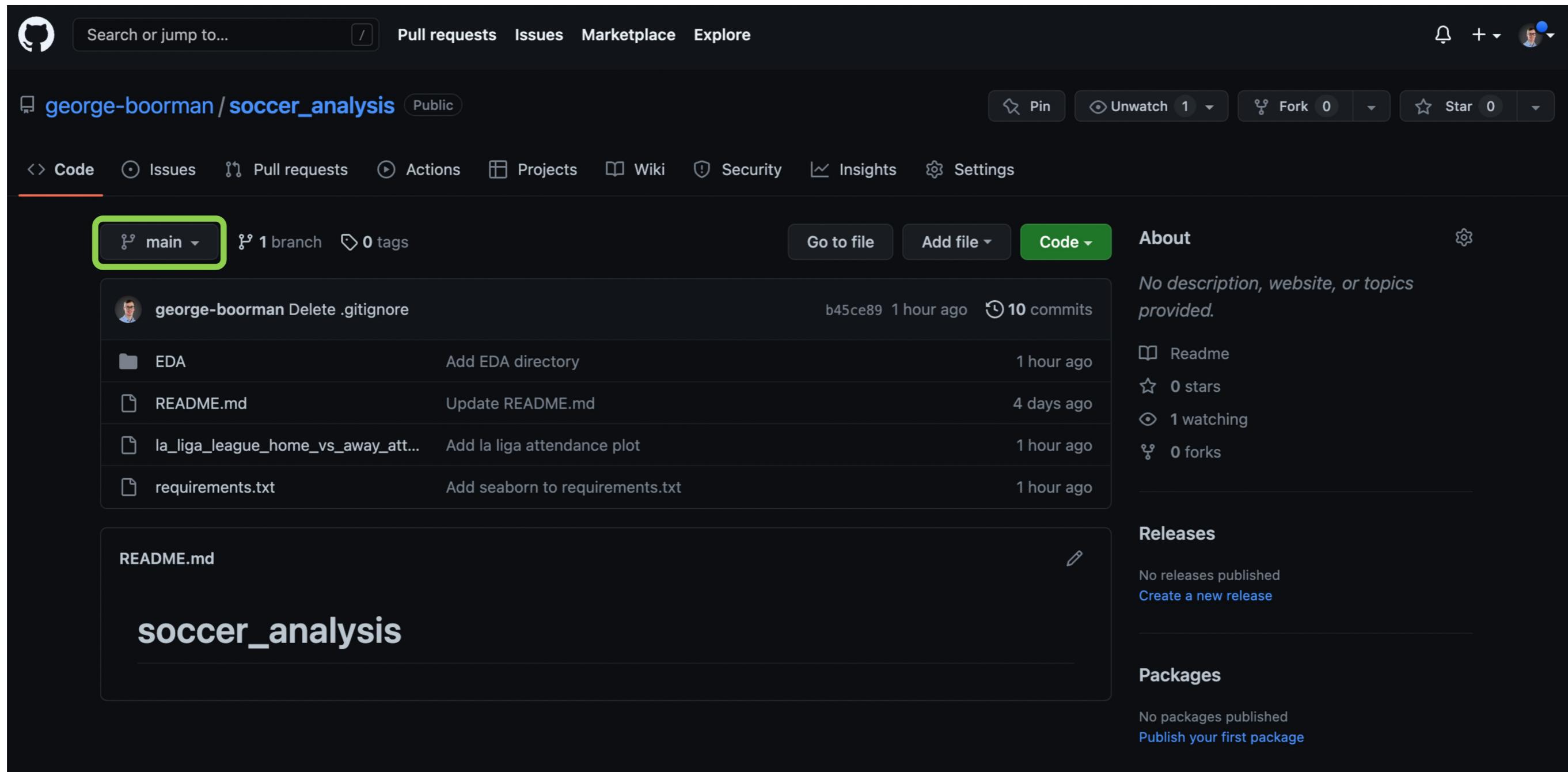
Curriculum Manager, DataCamp

Branches

- Enable concurrent work on different parts of a project
- Help reduce the risk of conflicting file versions

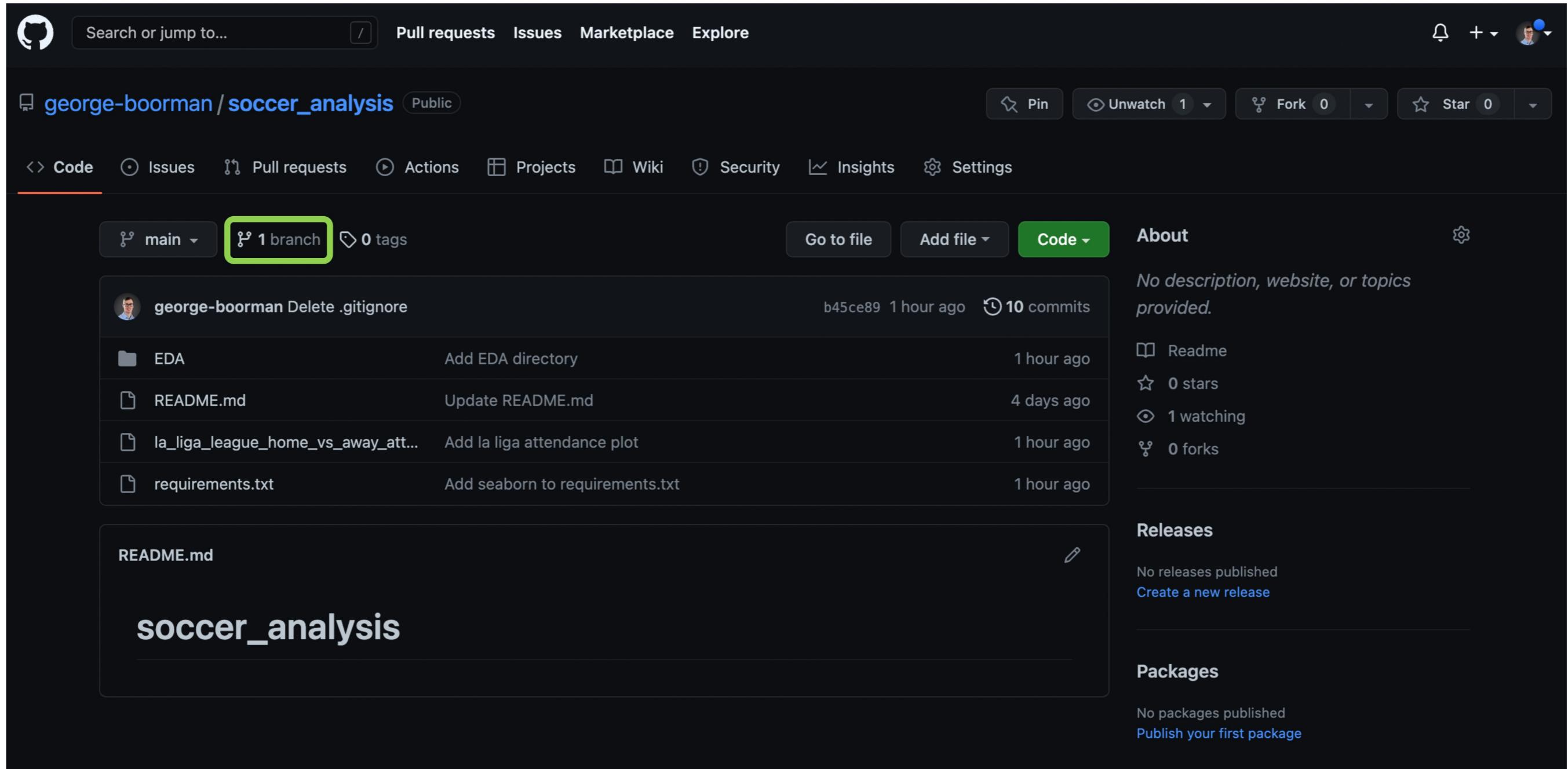


Main branch



The screenshot shows a GitHub repository page for the user 'george-boorman' 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, there are buttons for 'Pin', 'Unwatch', 'Fork', and 'Star'. Below the navigation, there are links for 'Code', 'Issues', 'Pull requests', 'Actions', 'Projects', 'Wiki', 'Security', 'Insights', and 'Settings'. The 'Code' tab is selected and highlighted in green. A dropdown menu for the 'main' branch is open, showing 'main' with a dropdown arrow and '1 branch' and '0 tags'. The repository's description is 'No description, website, or topics provided.' It has 0 stars, 1 watching, and 0 forks. The 'About' section also includes a link to 'Readme'. The 'Releases' section indicates 'No releases published' and 'Create a new release'. The 'Packages' section indicates 'No packages published' and 'Publish your first package'. The repository's history shows a single commit by 'george-boorman' named 'Delete .gitignore' with a commit hash 'b45ce89' and 10 commits, made 1 hour ago. The commit details are: 'Add EDA directory' (1 hour ago), 'Update README.md' (4 days ago), 'Add la_liga_league_home_vs_away_att...' (1 hour ago), and 'Add seaborn to requirements.txt' (1 hour ago). The 'README.md' file content is displayed as 'soccer_analysis'.

How many branches?



The screenshot shows a GitHub repository page for the user 'george-boorman' with the repository name 'soccer_analysis'. The page is in dark mode. At the top, there is a navigation bar with links for 'Pull requests', 'Issues', 'Marketplace', and 'Explore'. On the right side of the top bar are icons for a bell (notifications), a plus sign (new repository), and a user profile. Below the navigation bar, the repository name 'george-boorman / soccer_analysis' is displayed, along with a 'Public' badge. To the right of the repository name are buttons for 'Pin', 'Unwatch 1', 'Fork 0', and 'Star 0'. Below these buttons is a horizontal navigation bar with links for 'Code', 'Issues', 'Pull requests', 'Actions', 'Projects', 'Wiki', 'Security', 'Insights', and 'Settings'. The 'Code' link is underlined, indicating it is the active tab. Under the 'Code' tab, there are buttons for 'main' (with a dropdown arrow) and '1 branch' (with a dropdown arrow), with '1 branch' being highlighted with a green box. To the right of these buttons are 'Go to file', 'Add file', and a 'Code' dropdown button. To the right of the repository details, there is a 'About' section with the text: 'No description, website, or topics provided.' Below this are icons for 'Readme', '0 stars', '1 watching', and '0 forks'. Further down, there are sections for 'Releases' (with the message 'No releases published' and 'Create a new release') and 'Packages' (with the message 'No packages published' and 'Publish your first package').

george-boorman / soccer_analysis Public

Code Issues Pull requests Actions Projects Wiki Security Insights Settings

main 1 branch 0 tags

george-boorman Delete .gitignore b45ce89 1 hour ago 10 commits

EDA Add EDA directory 1 hour ago

README.md Update README.md 4 days ago

la_liga_league_home_vs_away_att... Add la liga attendance plot 1 hour ago

requirements.txt Add seaborn to requirements.txt 1 hour ago

README.md

soccer_analysis

Pin Unwatch 1 Fork 0 Star 0

About

No description, website, or topics provided.

Readme 0 stars 1 watching 0 forks

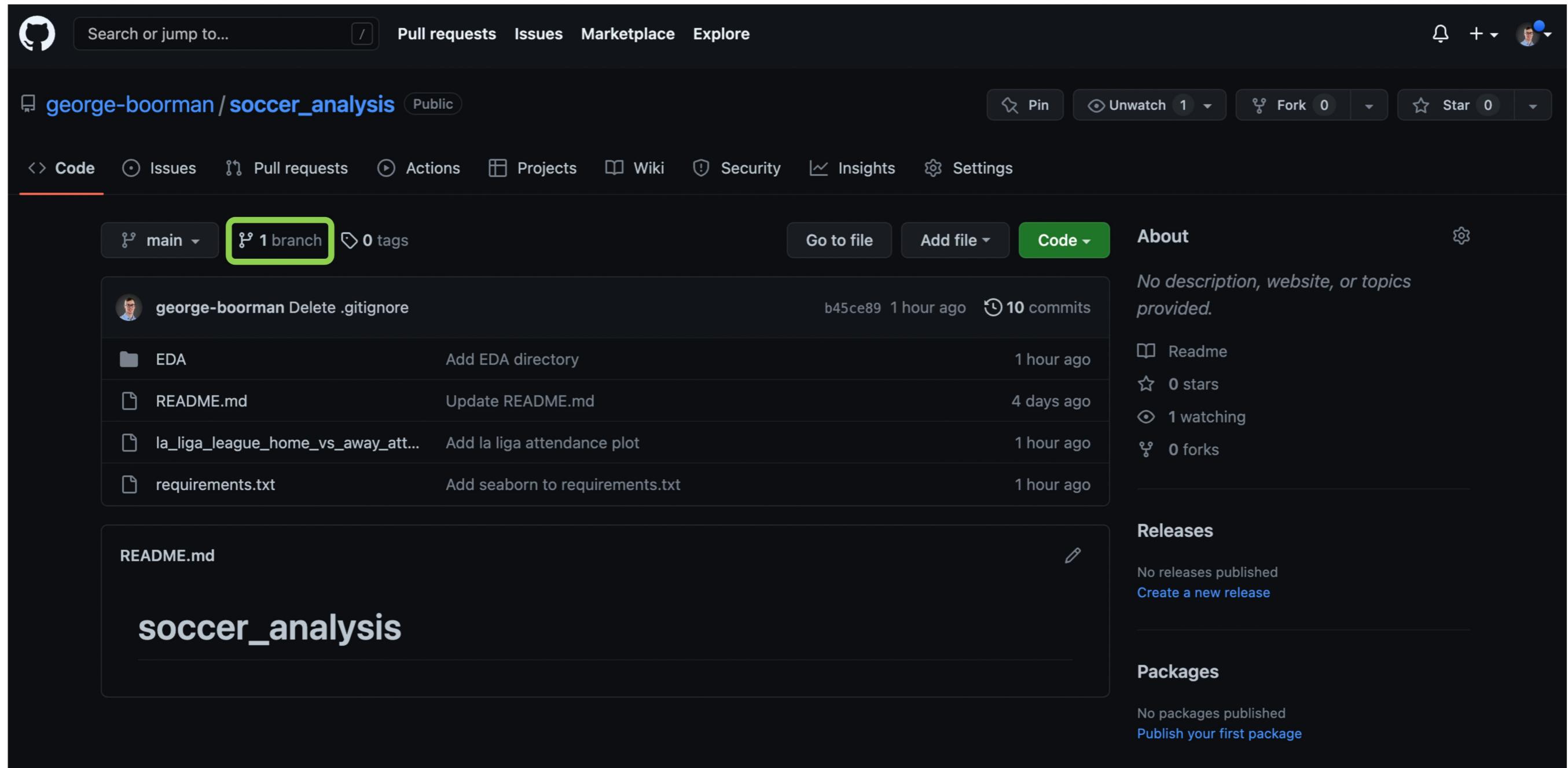
Releases

No releases published Create a new release

Packages

No packages published Publish your first package

Creating a new branch



The screenshot shows a GitHub repository page for `george-boorman / soccer_analysis`. The page is in dark mode. The top navigation bar includes links for `Search or jump to...`, `Pull requests`, `Issues`, `Marketplace`, and `Explore`. On the right, there are buttons for `Pin`, `Unwatch` (1), `Fork` (0), and `Star` (0). The repository name is `george-boorman / soccer_analysis` (Public). Below the navigation, there are links for `Code`, `Issues`, `Pull requests`, `Actions`, `Projects`, `Wiki`, `Security`, `Insights`, and `Settings`. The `Code` tab is selected. On the left, there are buttons for `main` (selected) and `1 branch` (highlighted with a green box). Below these buttons, there are 10 commits listed in a table format. The commits are as follows:

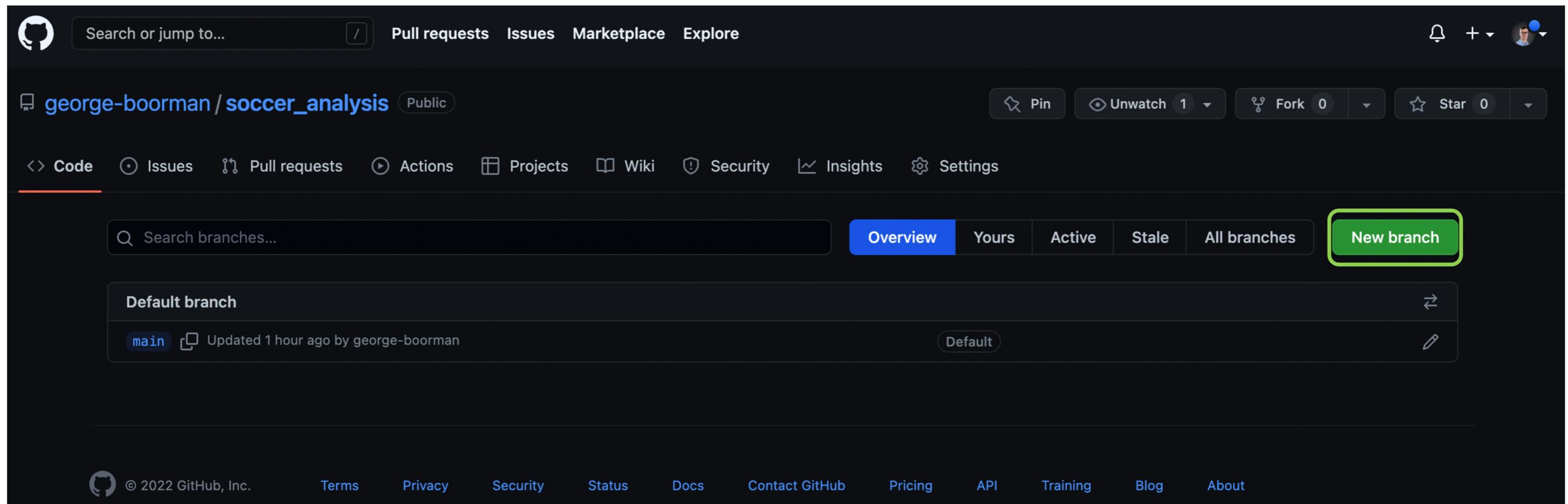
Author	Commit Message	Time Ago
george-boorman	Delete .gitignore	b45ce89 1 hour ago
	EDA	1 hour ago
	README.md	4 days ago
	la_liga_league_home_vs_away_att...	1 hour ago
	requirements.txt	1 hour ago

On the right side of the page, there is an `About` section with the following information:

- No description, website, or topics provided.*
- `Readme`
- `0 stars`
- `1 watching`
- `0 forks`

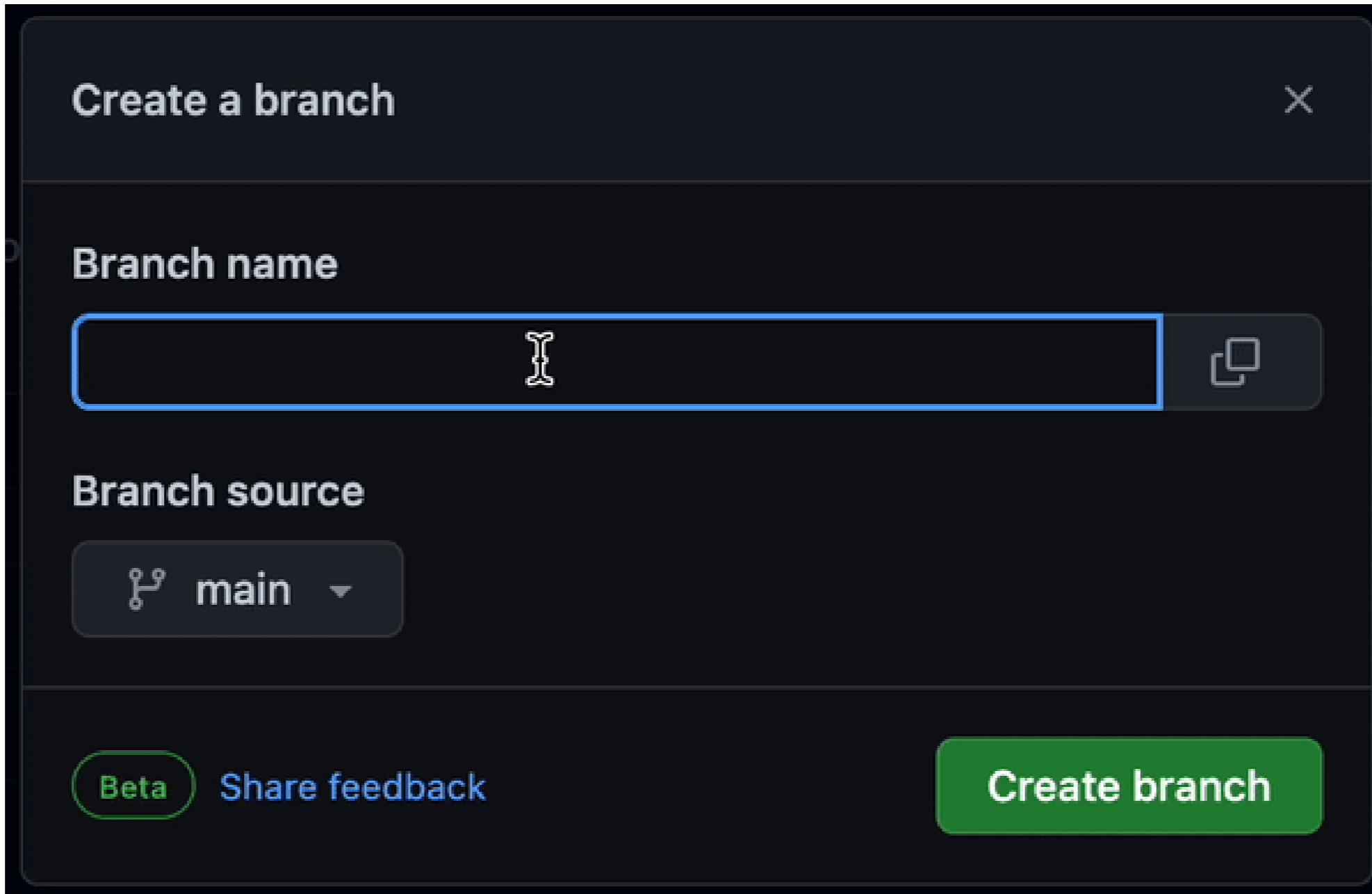
Below the `About` section, there are sections for `Releases` and `Packages`, both of which indicate no releases or packages have been published.

Creating a new branch

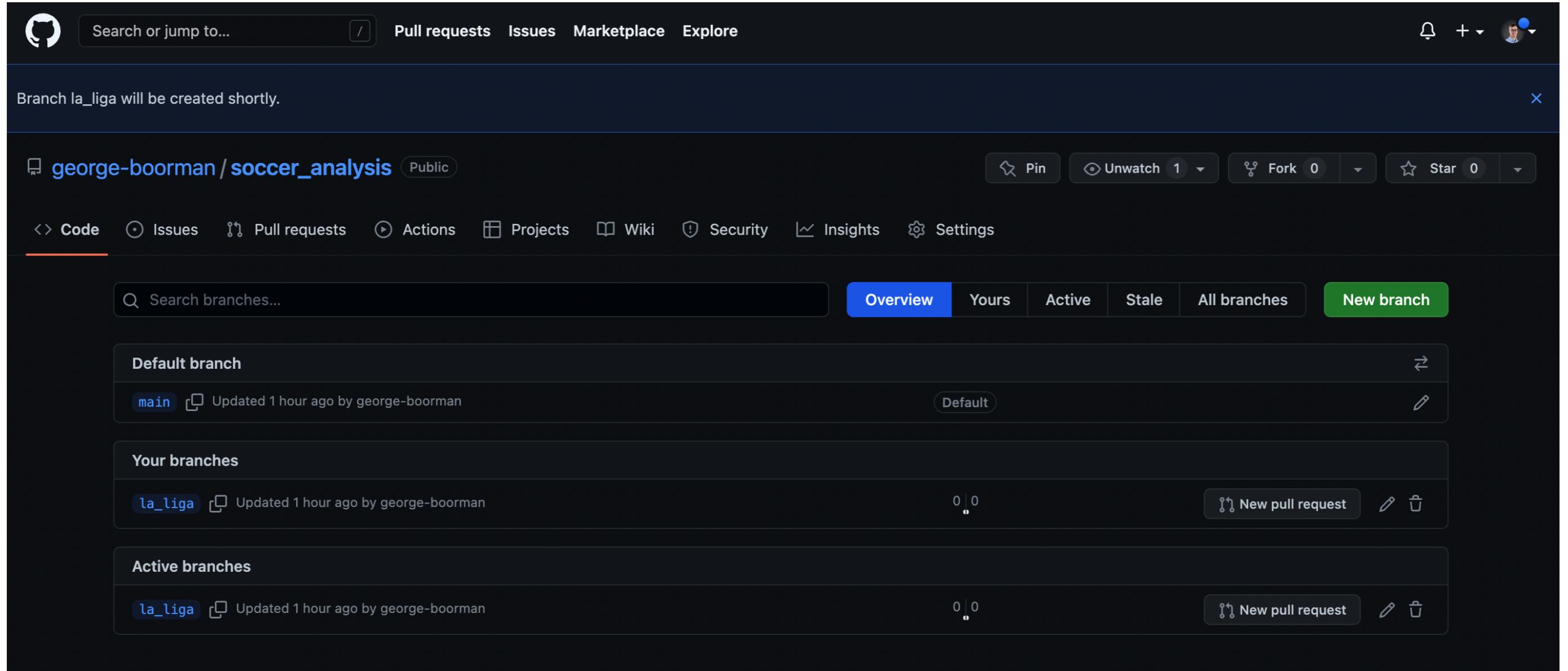


The screenshot shows a GitHub repository page for 'george-boorman/soccer_analysis'. The 'Code' tab is selected. At the top right, there is a 'New branch' button, which is highlighted with a green box. The repository has 1 unwatched star and 0 forks. The main content area shows the 'main' branch, which was updated 1 hour ago by 'george-boorman'. The footer contains links to GitHub's Terms, Privacy, Security, Status, Docs, Contact GitHub, Pricing, API, Training, Blog, and About pages.

Creating a new branch

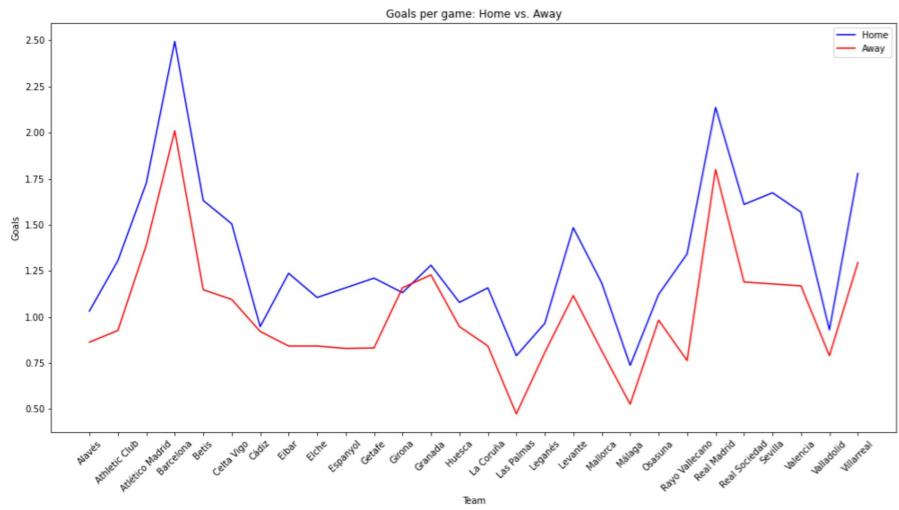


Creating a new branch



The screenshot shows a GitHub repository page for `george-boorman/soccer_analysis`. The repository is public. At the top, there is a search bar and navigation links for Pull requests, Issues, Marketplace, and Explore. A notification bell icon with a blue dot and a user profile icon are on the right. A message at the top of the page says "Branch `la_liga` will be created shortly." Below the header, there are buttons for Pin, Unwatch (1), Fork (0), and Star (0). The main navigation bar includes Code, Issues, Pull requests, Actions, Projects, Wiki, Security, Insights, and Settings. The `Code` tab is selected. A search bar for branches is present. Below it, the `Default branch` is listed as `main`, updated 1 hour ago by `george-boorman`. The `Default` label is next to it. The `Overview` tab is selected. Other tabs include Yours, Active, Stale, All branches, and a green `New branch` button. The `Your branches` section shows a single branch, `la_liga`, updated 1 hour ago by `george-boorman`. It has 0 pull requests, 0 issues, and 0 active branches. Buttons for New pull request, edit, and delete are available. The `Active branches` section shows the same branch, `la_liga`, updated 1 hour ago by `george-boorman`. It also has 0 pull requests, 0 issues, and 0 active branches. Buttons for New pull request, edit, and delete are available.

Adding a file



Search or jump to...

Pull requests Issues Marketplace Explore

george-boorman / soccer_analysis Public

Code Issues Pull requests Actions Projects Wiki Security Insights Settings

la_liga had recent pushes less than a minute ago

la_liga 2 branches 0 tags

This branch is 1 commit ahead of main.

george-boorman Add la liga home vs away goals plot

EDA Add EDA directory 16 hours ago

README.md Update README.md 5 days ago

la_liga_league_home_vs_away_att... Add la liga attendance plot 16 hours ago

la_liga_league_home_vs_away_goa... Add la liga home vs away goals plot now

requirements.txt Add seaborn to requirements.txt 16 hours ago

README.md

soccer_analysis

About

No description, website, or topics provided.

Readme

0 stars

1 watching

0 forks

Releases

No releases published

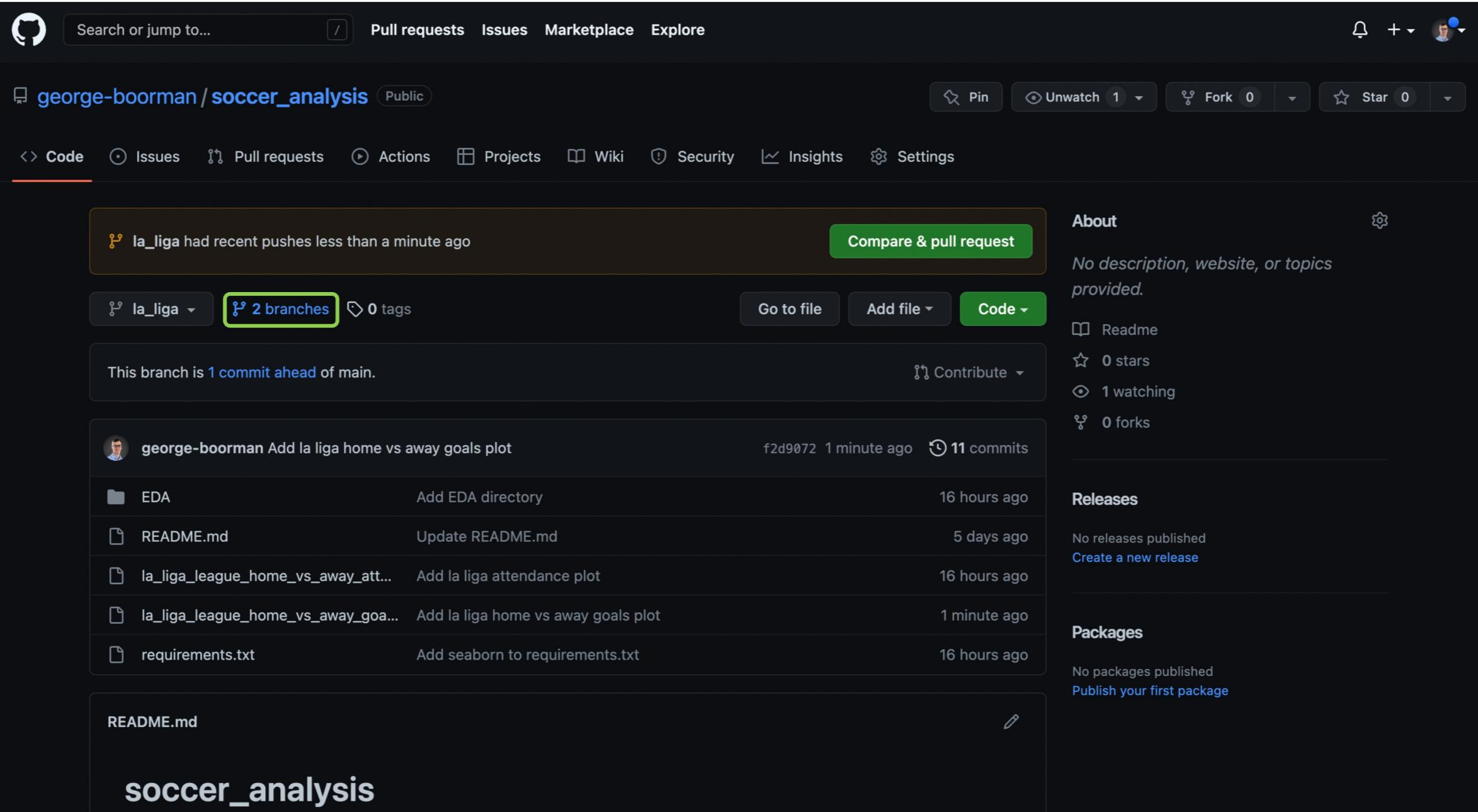
Create a new release

Packages

No packages published

Publish your first package

Listing branches



The screenshot shows a GitHub repository page for `george-boorman/soccer_analysis`. The repository is public and has 2 branches. The `Code` tab is selected. The main content area shows a commit history with 11 commits. The most recent commit is by `george-boorman` and adds a plot for La Liga home vs away goals. The commit hash is `f2d9072` and it was made 1 minute ago. The repository has 0 stars, 1 watching, and 0 forks. The `About` section notes that `la_liga` had recent pushes less than a minute ago.

george-boorman/soccer_analysis (Public)

Code Issues Pull requests Actions Projects Wiki Security Insights Settings

la_liga had recent pushes less than a minute ago

la_liga 2 branches 0 tags

This branch is 1 commit ahead of main.

george-boorman Add la liga home vs away goals plot f2d9072 1 minute ago 11 commits

File	Commit Message	Time Ago
EDA	Add EDA directory	16 hours ago
README.md	Update README.md	5 days ago
la_liga_league_home_vs_away_att...	Add la liga attendance plot	16 hours ago
la_liga_league_home_vs_away_goa...	Add la liga home vs away goals plot	1 minute ago
requirements.txt	Add seaborn to requirements.txt	16 hours ago

README.md

soccer_analysis

About

No description, website, or topics provided.

Readme 0 stars 1 watching 0 forks

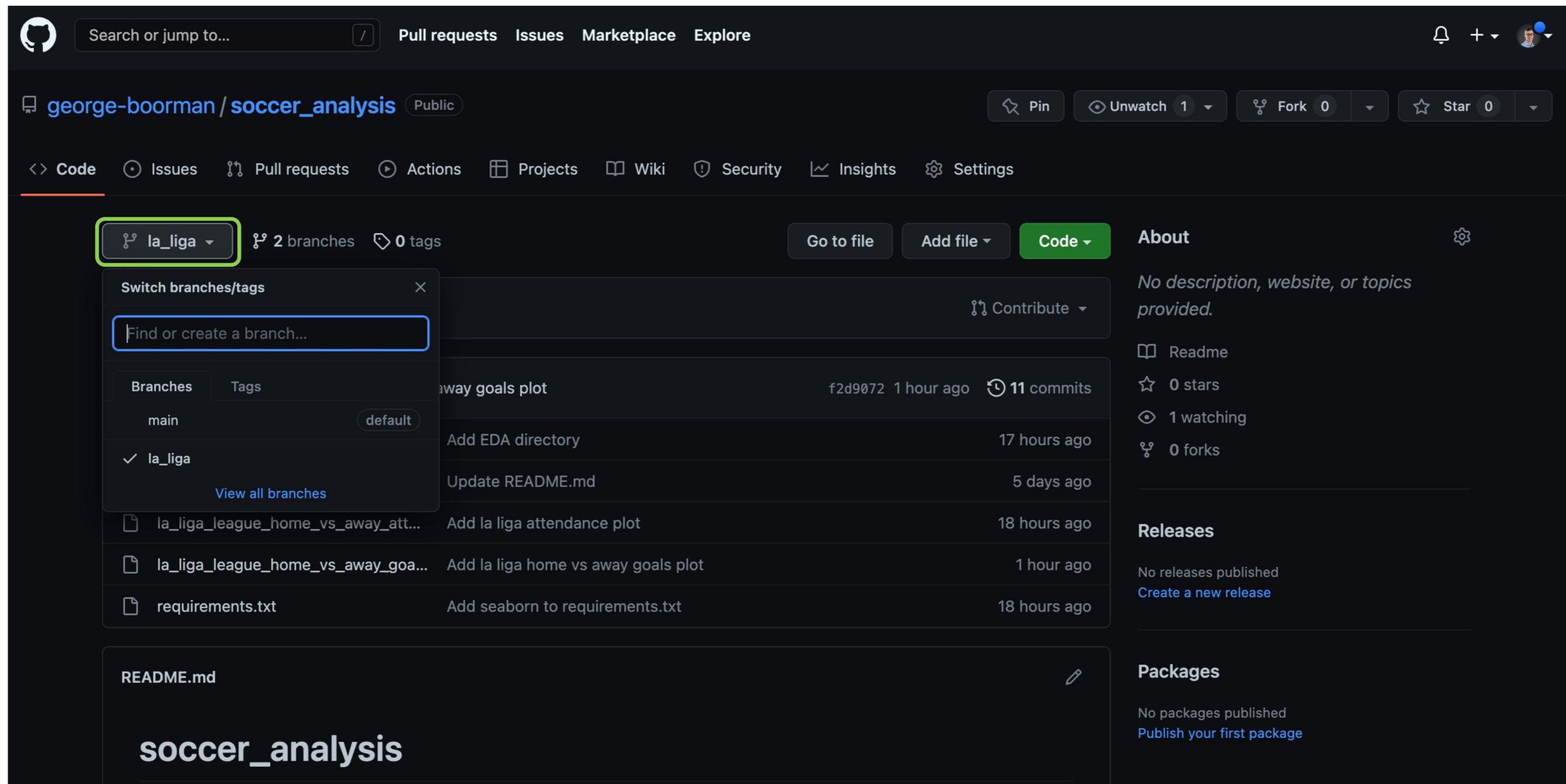
Releases

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

Packages

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

Switching branches



The screenshot shows a GitHub repository page for `george-boorman / soccer_analysis`. The repository is public and contains 2 branches and 0 tags. The `Code` tab is selected. A dropdown menu titled "Switch branches/tags" is open, showing the `la_liga` branch is currently selected. The repository has 11 commits in the `la_liga` branch, with the most recent commit being a pull request. The repository has 0 stars, 1 watching, and 0 forks. The README.md file contains the text "soccer_analysis".

george-boorman / soccer_analysis (Public)

Code Issues Pull requests Actions Projects Wiki Security Insights Settings

la_liga 2 branches 0 tags

Switch branches/tags

Find or create a branch...

Branches Tags

main default

✓ la_liga

View all branches

away goals plot f2d9072 1 hour ago 11 commits

Add EDA directory 17 hours ago

Update README.md 5 days ago

la_liga_league_home_vs_away_att... Add la liga attendance plot 18 hours ago

la_liga_league_home_vs_away_goa... Add la liga home vs away goals plot 1 hour ago

requirements.txt Add seaborn to requirements.txt 18 hours ago

README.md

soccer_analysis

Pin Unwatch 1 Fork 0 Star 0

About

No description, website, or topics provided.

Readme 0 stars 1 watching 0 forks

Contribute

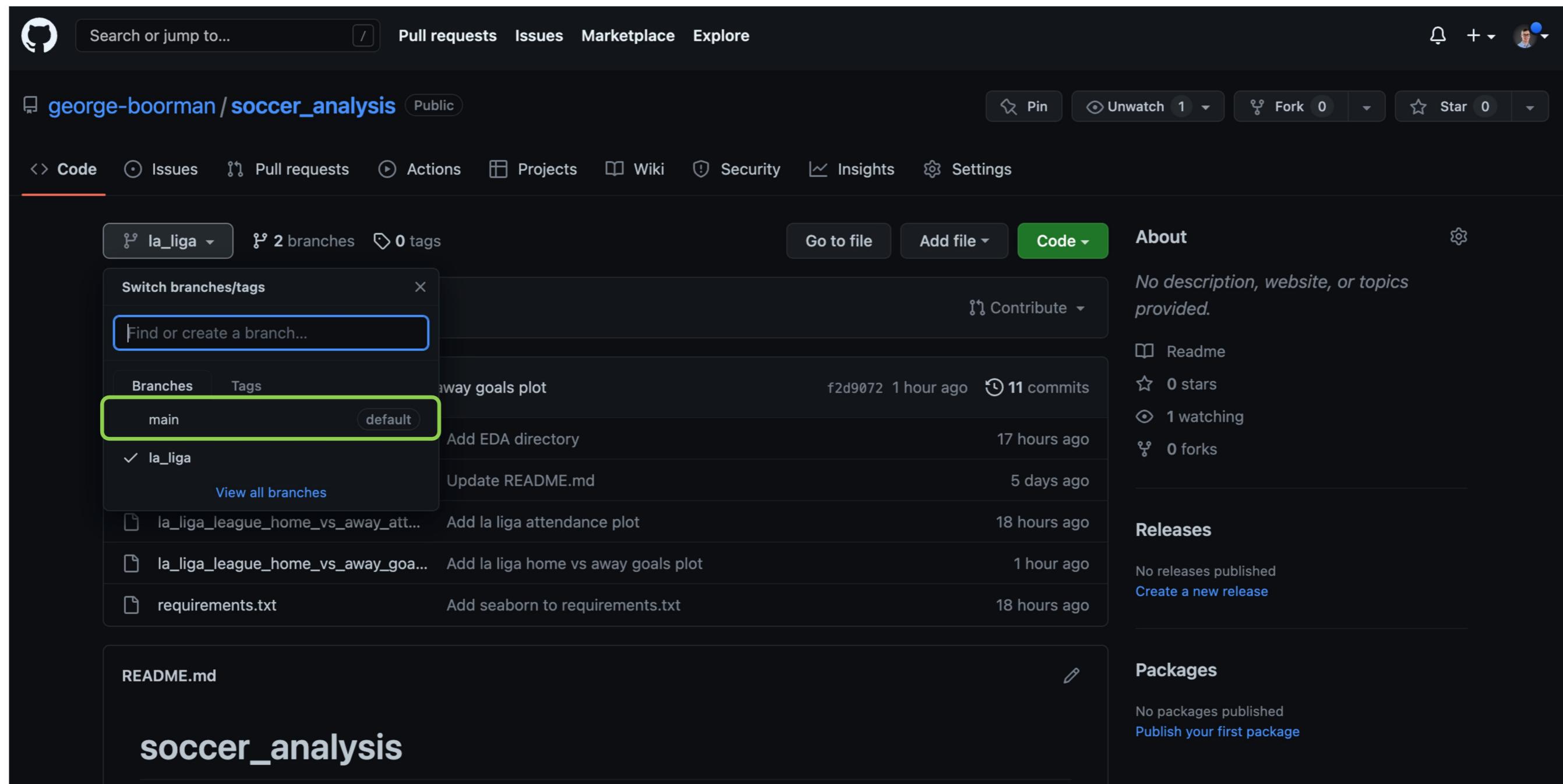
Releases

No releases published Create a new release

Packages

No packages published Publish your first package

Switching branches



The screenshot shows a GitHub repository page for `george-boorman/soccer_analysis`. The repository is public and contains 2 branches and 0 tags. The `Code` tab is selected. A dropdown menu titled "Switch branches/tags" is open, showing the `main` branch as the current default. Other branches listed are `la_liga` (selected) and `default`. The repository has 11 commits in the `main` branch, with the most recent commit being a pull request. The repository has 0 stars, 1 watcher, and 0 forks. The `README.md` file contains the text "soccer_analysis".

george-boorman / soccer_analysis Public

Code Issues Pull requests Actions Projects Wiki Security Insights Settings

la_liga 2 branches 0 tags

Switch branches/tags

Find or create a branch...

Branches Tags

main default

la_liga

View all branches

away goals plot f2d9072 1 hour ago 11 commits

Add EDA directory 17 hours ago

Update README.md 5 days ago

la_liga_league_home_vs_away_att... Add la liga attendance plot 18 hours ago

la_liga_league_home_vs_away_goa... Add la liga home vs away goals plot 1 hour ago

requirements.txt Add seaborn to requirements.txt 18 hours ago

README.md

soccer_analysis

Pin Unwatch 1 Fork 0 Star 0

About

No description, website, or topics provided.

Readme 0 stars 1 watching 0 forks

Releases

No releases published Create a new release

Packages

No packages published Publish your first package

Comparing branches

The screenshot shows a GitHub repository page for `george-boorman/soccer_analysis`. The repository is public and has 2 branches and 0 tags. The `Code` tab is selected. A comparison between the `main` branch and the `la_liga` branch is shown, with the `la_liga` branch having recent pushes 6 minutes ago. The `la_liga` branch contains the following commits:

- george-boorman Delete .gitignore (b45ce89, 16 hours ago, 10 commits)
- EDA (Add EDA directory, 16 hours ago)
- README.md (Update README.md, 5 days ago)
- la_liga_league_home_vs_away_att... (Add la liga attendance plot, 16 hours ago)
- requirements.txt (Add seaborn to requirements.txt, 16 hours ago)

The `la_liga_league_home_vs_away_att...` commit is highlighted with a green border. The repository has 0 stars, 1 watching, and 0 forks. The `About` section notes that there is no description, website, or topics provided. The `Releases` section indicates no releases have been published, with a link to "Create a new release". The `Packages` section indicates no packages have been published, with a link to "Publish your first package".

Working with branches



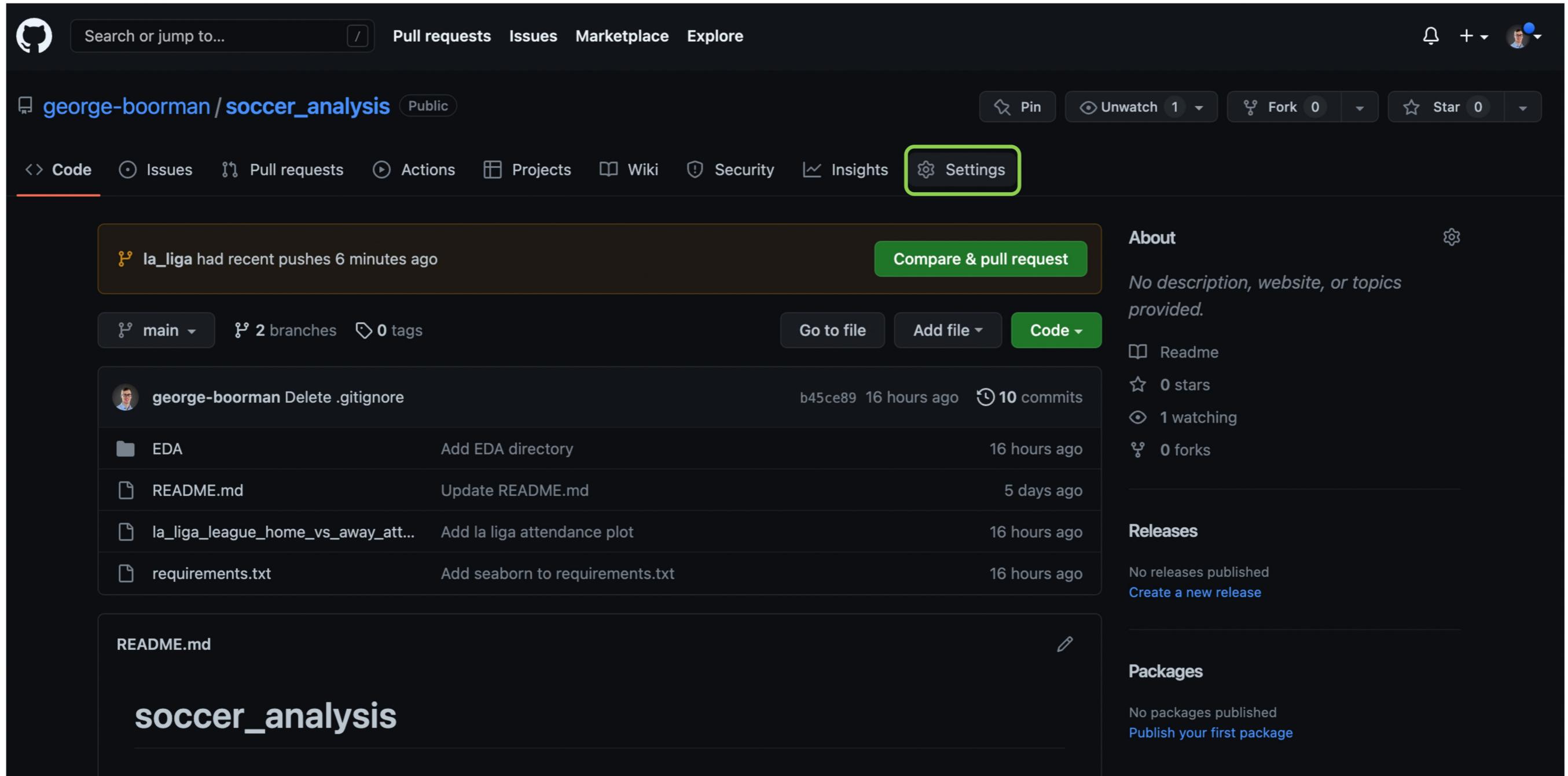
Branch protection rules

- Rules for specific branches
 - Require a pull request before merging
 - Require that pull requests are approved before merging
 - Restrict who can delete a protected branch



¹ Image credit: <https://unsplash.com/@bluzninja>

Branch protection rules



The screenshot shows a GitHub repository page for `george-boorman/soccer_analysis`. The `Settings` tab is highlighted with a green border. The page displays recent activity, including a push from `la_liga` 6 minutes ago. It shows 2 branches and 0 tags. The commit history includes:

- george-boorman Delete .gitignore (b45ce89, 16 hours ago, 10 commits)
- EDA (Add EDA directory, 16 hours ago)
- README.md (Update README.md, 5 days ago)
- la_liga_league_home_vs_away_att... (Add la_liga attendance plot, 16 hours ago)
- requirements.txt (Add seaborn to requirements.txt, 16 hours ago)

The `README.md` file content is shown as:

```
soccer_analysis
```

About
No description, website, or topics provided.

Code

Releases
No releases published
Create a new release

Packages
No packages published
Publish your first package