

# Fairlearn website illustrations V3: Homepage

**Fairlearn** Get Started Learn API Docs Contribute Community FAQ About Us 

## Improve fairness of AI systems

Learn about AI fairness from our guides and use cases. Assess and mitigate fairness issues using our Python toolkit. Join our community and contribute metrics, algorithms, and other resources.

[Get Started](#)



Fairlearn is an open-source, community-driven project to help data scientists improve fairness of AI systems.

### FAIRNESS IS SOCIOTECHNICAL

Fairness of AI systems is about more than simply running lines of code. In each use case, both societal and technical aspects shape who might be harmed by AI systems and how. There are many complex sources of unfairness and a variety of societal and technical processes for mitigation, not just the mitigation algorithms in our library.

Throughout this website, you can find resources on how to think about fairness as sociotechnical, and how to use Fairlearn's metrics and algorithms while considering the AI system's broader societal context.



### USE CASE | CREDIT-CARD LOANS

## Assessment and mitigation of fairness issues in credit-card default models



When making a decision to approve or decline a loan, financial services organizations use a variety of models, including a model that predicts the applicant's probability of default. These predictions are sometimes used to automatically reject or accept an application, directly impacting both the applicant and the organization.

In this scenario, fairness-related harms may arise when the model makes more mistakes for some groups of applicants compared to others. We use Fairlearn to assess how different groups, defined in terms of their sex, are affected and how the observed disparities may be mitigated.

[Jupyter Notebook](#)

## Get Started with Fairlearn

To get started, install the Fairlearn package. But the process does not end there! See our user guide and other resources to understand what fairness means for your use case.

If you run into any issues, reach out on [Gitter](#).

Fairlearn can be installed with pip from PyPI as follows:

```
pip install fairlearn
```

[Quickstart](#)



## Resources



### User Guide

Learn more about fairness in AI, fairness metrics, and mitigation algorithms.



### API Documentation

Library reference with examples.



### Contributor Guide

Help us with case studies, documentation, or code. There are many ways to contribute, regardless of your background or expertise.



### Quickstart

Cursus in hac habitasse platea dictumst. Blandit turpis cursus in hac habitasse platea dictumst quisque.

## Join the Community

Fairlearn community consists of open source contributors, data science practitioners, and responsible AI enthusiasts across many disciplines and locations. Join the latest conversation, ask usage questions, learn about the most recent updates, and find out how to get involved.

### Gitter

Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore reprehenderit.

### Stack Overflow

Consequat aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu voluptate.

### GitHub

Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore reprehenderit.

### Twitter

Consequat aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu voluptate.



## Contribute to Fairlearn

Fairlearn is built and maintained by open source contributors with a variety of backgrounds and expertise. Join the effort and contribute feedback, metrics, algorithms, visualizations, ideas and more, so we can evolve the toolkit together!

[Contributor Guide](#)

### Resources

- [Quickstart](#)
- [User Guide](#)
- [API Documentation](#)
- [Examples](#)
- [Contributor Guide](#)
- [Discussions on GitHub](#)
- [Conversations on Gitter](#)

### Fairlearn

- [About Fairlearn](#)
- [Code of Conduct](#)
- [Governance](#)
- [Project Roadmap](#)
- [FAQ](#)
- [Feedback](#)
- [Contact Us](#)

### Stay Connected

Be the first to hear about the latest Fairlearn announcements, new publications, and events.



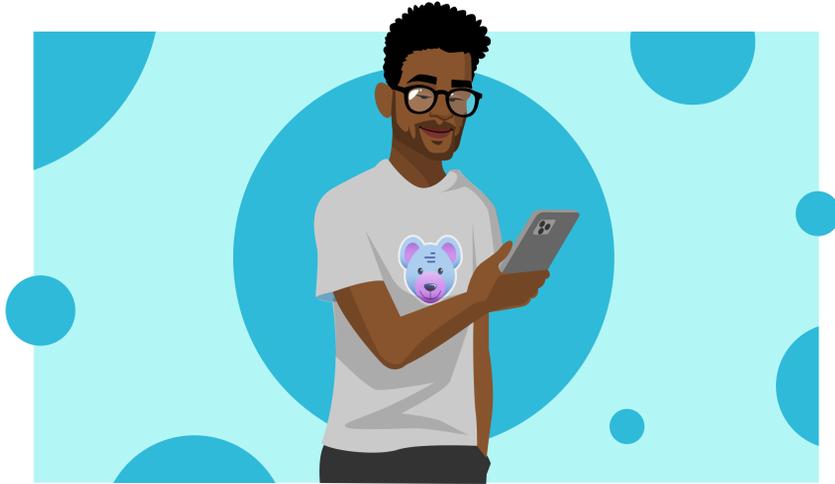
- 
- 
- 
- 
- [#fairlearn](#)

# Fairlearn website illustrations V3: Getting Started

## Get Started with Fairlearn

Introduction to sociotechnical impact, such as different types of harms and how one's formula influences the impact of one's system. Pellentesque pulvinar pellentesque habitant. Ut sem viverra aliquet eget sit amet.

[Read more about sociotechnical impact](#) →



### Install Fairlearn

To get started, install the Fairlearn package. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur.

Having trouble? Reach out on [Gitter](#).

Fairlearn can be installed with pip from PyPI as follows:

```
Command lorem ipsum
```

Duis aute irure dolor in reprehenderit in voluptate velit:

```
Command lorem ipsum
```

Morbi enim nunc faucibus a pellentesque sit amet porttitor. Aliquam vestibulum morbi blandit cursus risus at. Ante metus dictum at tempor commodo.

Interactive example  
— or —  
Screen recording showing the steps to  
get started

## Resources



### User Guide

Learn more about fairness in AI, fairness metrics, and mitigation algorithms.



### API Documentation

Library reference with examples.



### Contributor Guide

Help us with case studies, documentation, or code. There are many ways to contribute, regardless of your background or expertise.



### Quickstart

Cursus in hac habitasse platea dictumst. Blandit turpis cursus in hac habitasse platea dictumst quisque.

### Resources

- Quickstart
- User Guide
- API Documentation
- Examples
- Contributor Guide
- Discussions on GitHub
- Conversations on Gitter

### Fairlearn

- About Fairlearn
- Code of Conduct
- Governance
- Project Roadmap
- FAQ
- Feedback
- Contact Us

### Stay Connected

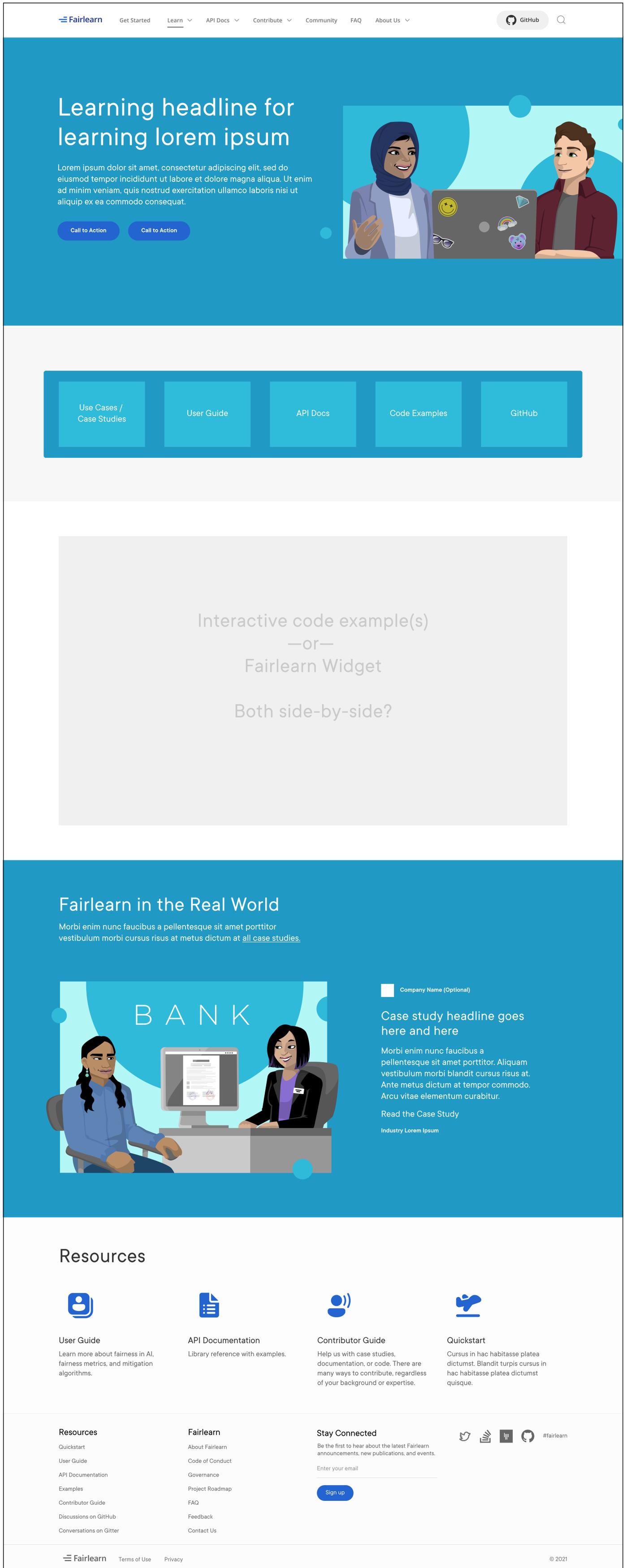
Be the first to hear about the latest Fairlearn announcements, new publications, and events.

Enter your email

Sign up



# Fairlearn website illustrations V3: Learn



# Fairlearn website illustrations V3: Community

[Fairlearn](#) [Get Started](#) [Learn](#) [API Docs](#) [Contribute](#) [Community](#) [FAQ](#) [About Us](#) [GitHub](#)

## Community headline lorem

Morbi enim nunc faucibus a pellentesque sit amet porttitor. Aliquam vestibulum morbi blandit cursus risus at. Ante metus dictum at tempor commodo.

**Gitter**

Headline description lorem ipsum dolor

Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore reprehenderit eu voluptate fugiat.

**Stack Overflow**

Headline description lorem ipsum dolor

Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore reprehenderit eu voluptate fugiat.

**GitHub**

Headline description lorem ipsum dolor

Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore reprehenderit eu voluptate fugiat.

**Twitter**

Headline description lorem ipsum dolor

Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore reprehenderit eu voluptate fugiat.

### Latest Discussion Groups on GitHub

Discussion title sit amet luctus fringilla  
UserID started ## days ago in General

---

Discussion title sit amet  
UserID started ## days ago in General

---

Discussion title venenatis lectus magna fringilla  
UserID started ## days ago in General

---

Discussion title sit amet luctus lectus  
UserID started ## days ago in General

---

Discussion title magna fringilla  
UserID started ## days ago in General

[All Discussions](#) →

### Latest Community Conversations on Gitter

fairlearn/community

Firstname Lastname @userid  
MM DD, YYYY at 00:00

Post lorem ipsum turpis cursus in hac habitasse platea dictumst quisque sagittis. Magna ac placerat vestibulum lectus mauris ultrices eros. Ipsum dolor sit amet consectetur adipiscing elit dui tristique. [linkloremipsum](#)

Firstname Lastname @userid  
MM DD, YYYY at 00:00

Post lorem ipsum turpis cursus in hac habitasse platea dictumst quisque sagittis. Magna ac placerat vestibulum lectus mauris ultrices eros. Ipsum dolor sit amet consectetur adipiscing elit dui tristique. [linkloremipsum](#)

Firstname Lastname @userid  
MM DD, YYYY at 00:00

Post lorem ipsum turpis cursus in hac habitasse platea dictumst quisque sagittis. Magna ac placerat vestibulum lectus mauris ultrices eros. Ipsum dolor sit amet consectetur adipiscing elit dui tristique. [linkloremipsum](#)

[All Conversations](#)

### Latest Code Questions on StackOverflow

January 2, 2021 at 17:11

Stack Overflow question purus sit amet luctus venenatis lectus magna fringilla?

Cursus in hac habitasse platea dictumst. Blandit turpis cursus in hac habitasse platea dictumst ac placerat vestibulum lectus mauris ultrices eros?

[Read More](#) →

January 2, 2021 at 17:11

Stack Overflow question purus sit amet luctus venenatis lectus magna fringilla?

Cursus in hac habitasse platea dictumst. Blandit turpis cursus in hac habitasse platea dictumst ac placerat vestibulum lectus mauris ultrices eros?

[Read More](#) →

January 2, 2021 at 17:11

Stack Overflow question purus sit amet luctus venenatis lectus magna fringilla?

Cursus in hac habitasse platea dictumst. Blandit turpis cursus in hac habitasse platea dictumst ac placerat vestibulum lectus mauris ultrices eros?

[Read More](#) →

### News and Announcements

A Twitter list by @Fairlearn

Fairlearn  
@Fairlearn  
Replying to @UserHandleLorem

Post lorem ipsum turpis cursus in hac habitasse platea dictumst quisque sagittis. Magna ac placerat vestibulum lectus mauris ultrices eros. Ipsum dolor sit amet consectetur adipiscing elit dui tristique. [linkloremipsum](#)

1hr

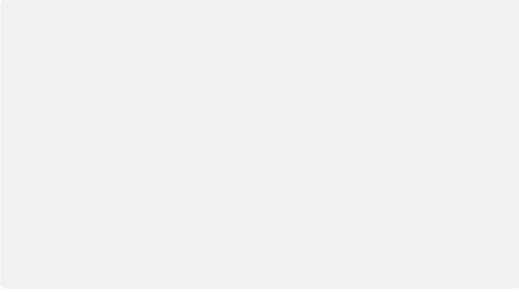
Fairlearn  
@Fairlearn  
Replying to @UserHandleLorem

Post lorem ipsum turpis cursus in hac habitasse platea dictumst quisque sagittis. Magna ac placerat vestibulum lectus mauris ultrices eros. Ipsum dolor sit amet consectetur adipiscing elit dui tristique. [linkloremipsum](#)

1hr

Fairlearn  
@Fairlearn  
Replying to @UserHandleLorem

Post lorem ipsum turpis cursus in hac habitasse platea dictumst quisque sagittis. Magna ac placerat vestibulum lectus mauris ultrices eros. Ipsum dolor sit amet consectetur adipiscing elit dui tristique. [linkloremipsum](#)



1hr

Fairlearn  
@Fairlearn  
Replying to @UserHandleLorem

Post lorem ipsum turpis cursus in hac habitasse platea dictumst quisque sagittis. Magna ac placerat vestibulum lectus mauris ultrices eros. Ipsum dolor sit amet consectetur adipiscing elit dui tristique. [linkloremipsum](#)

1hr

[Load More Tweets](#)

## Contribute to Fairlearn

Fermentum odio eu feugiat pretium nibh ipsum consequat. Nunc faucibus a pellentesque sit amet porttitor eget dolor morbi. Dui nunc mattis enim ut tellus elementum sagittis vitae. Sapien pellentesque habitant morbi tristique senectus et netus et.

[Contributor Guide](#)

#### Resources

- Quickstart
- User Guide
- API Documentation
- Examples
- Contributor Guide
- Discussions on GitHub
- Conversations on Gitter

#### Fairlearn

- About Fairlearn
- Code of Conduct
- Government
- Project Roadmap
- FAQ
- Feedback
- Contact Us

#### Stay Connected

Be the first to hear about the latest Fairlearn announcements, new publications, and events.

Enter your email

[Sign up](#)

[Twitter](#) [Stack Overflow](#) [Gitter](#) [GitHub](#) [#fairlearn](#)

[Fairlearn](#) [Terms of Use](#) [Privacy](#) © 2021

vmg STUDIOS

# Fairlearn website illustrations V3: Homepage

## New character design (red shirt)

