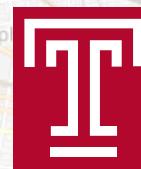


# Mapathon

## Mapping Philly in OpenStreetMap



TEMPLE  
UNIVERSITY®

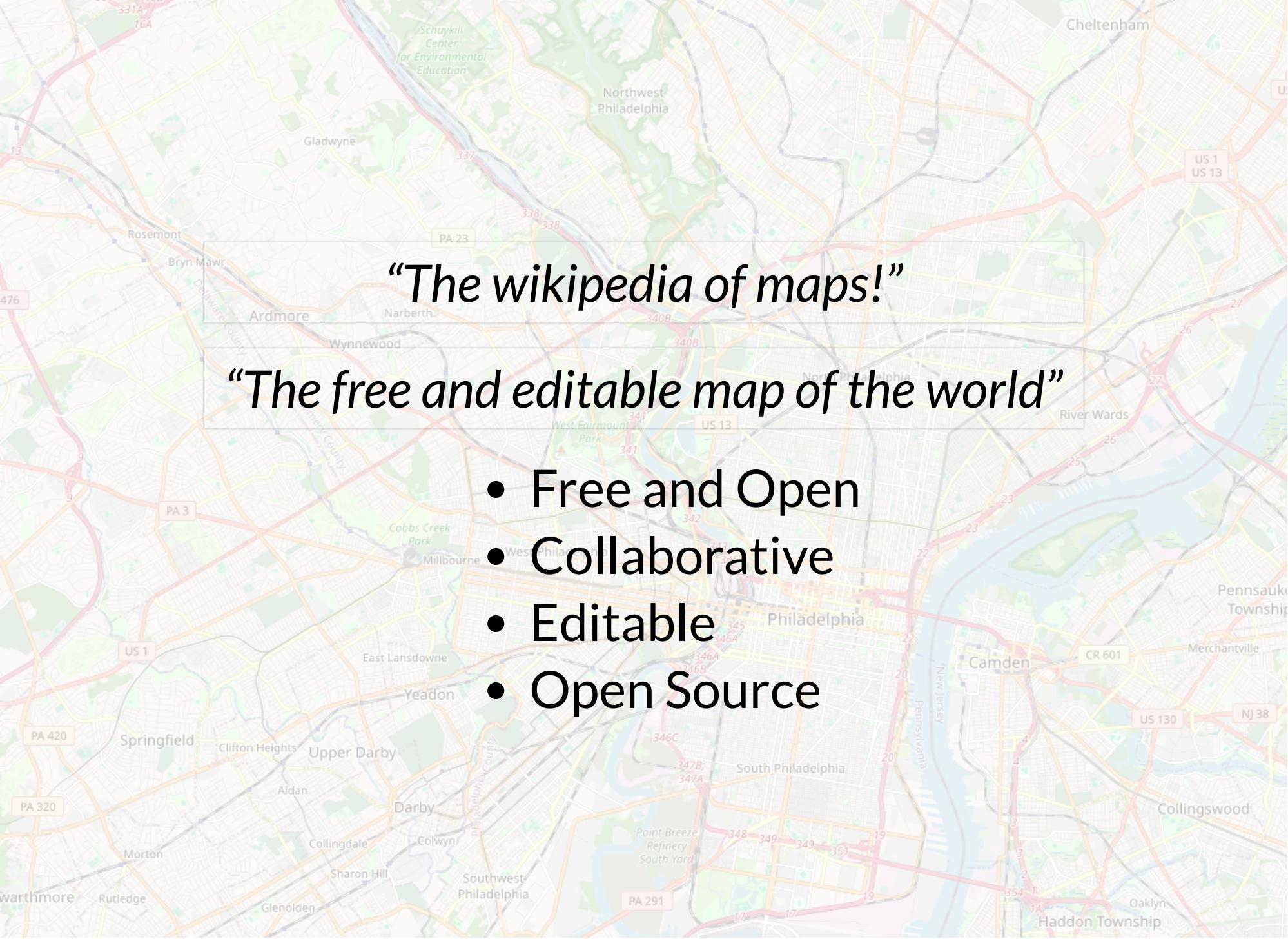
April 2025

# Agenda

Time	Activity
1:00pm	What is OpenStreetMap?
1:15pm	OSM communities and groups
1:25pm	How to contribute?
1:35pm	Adding elements to the map
1:45pm	Editing tags to add details
2:00pm	Break
2:10pm	Open mapping time
2:30pm	Questions & Answers
2:50pm	Wrap up

# What is OpenStreetMap?





*“The wikipedia of maps!”*

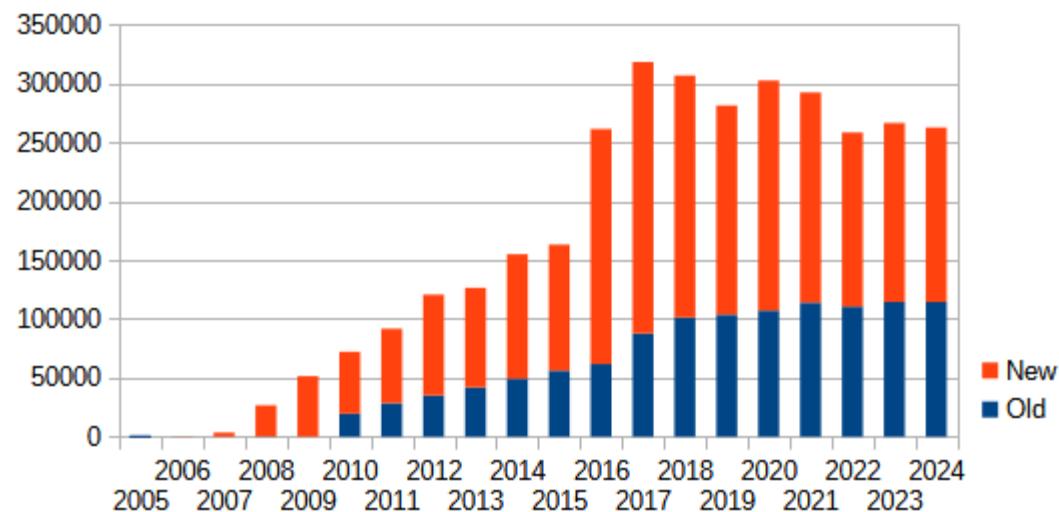
*“The free and editable map of the world”*

- Free and Open
- Collaborative
- Editable
- Open Source

# About OSM

- Founded in 2004 in response to data restrictions
- Created and maintained by volunteers
- 5 million + registered users
- 1 million + contributors

Active Contributors per Year



# What to map?



OpenStreetMap is a place for mapping things that are both *real* and *current* - it includes millions of buildings, roads, and other details about places. You can map whatever real-world features are interesting to you.



What it *doesn't* include is opinionated data like ratings, historical or hypothetical features, and data from copyrighted sources. Unless you have special permission, don't copy from online or paper maps.



# OSM Communities and Groups





Humanitarian  
OpenStreetMap  
Team

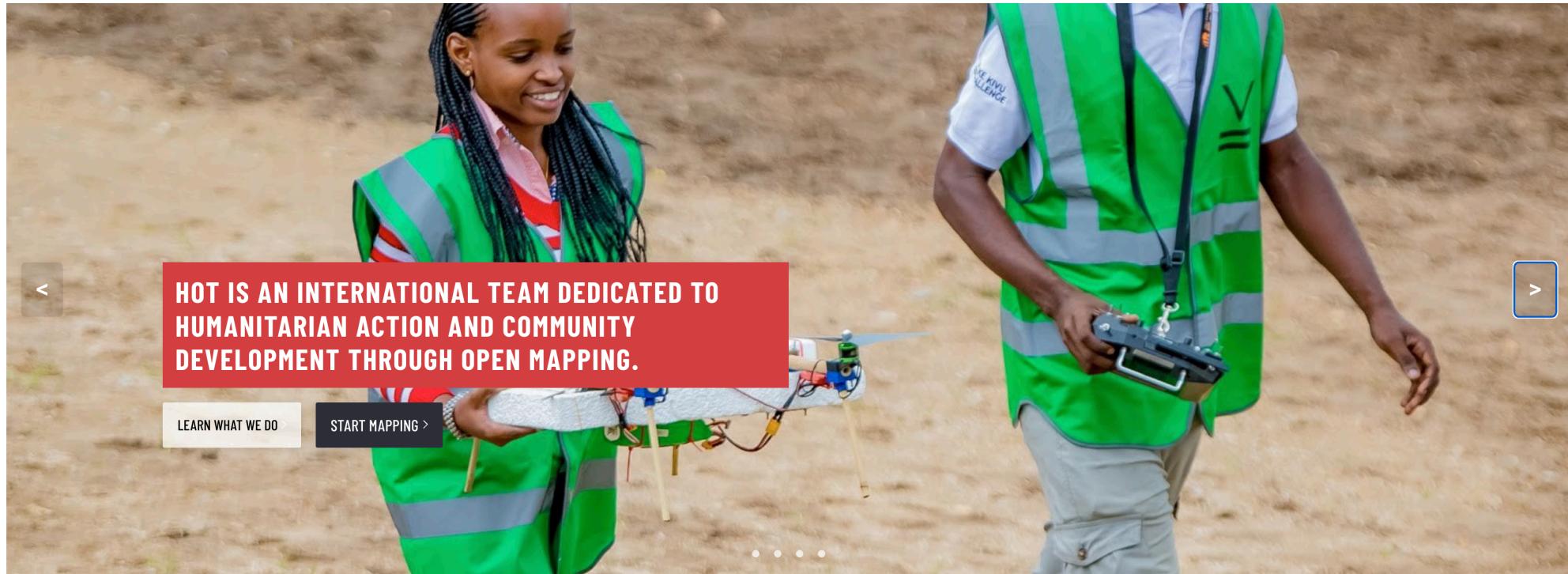




Humanitarian  
OpenStreetMap  
Team

WHAT WE DO   OUR WORK   TOOLS & DATA   NEWS

OPEN MAPPING HUBS   COMMUNITY & ORGANIZATION   PARTNER WITH US   GET INVOLVED



**491K**

Total Mappers<sup>①</sup>

**260M**

Total Map Edits<sup>①</sup>

**156.4M**

Buildings Mapped<sup>①</sup>

**3.4M**

Roads Mapped (KM)<sup>①</sup>



youthmappers

CHAPTERS

PARTICIPATE

PROJECTS

BLOG

ABOUT US

NEWS



SEARCH



WE DON'T JUST  
BUILD MAPS.  
WE BUILD  
MAPPERS

Capitalizing on web-based open geospatial technologies, and a network of universities around the globe, our mission is to cultivate a generation of young leaders to create resilient communities and to define their world by mapping it.

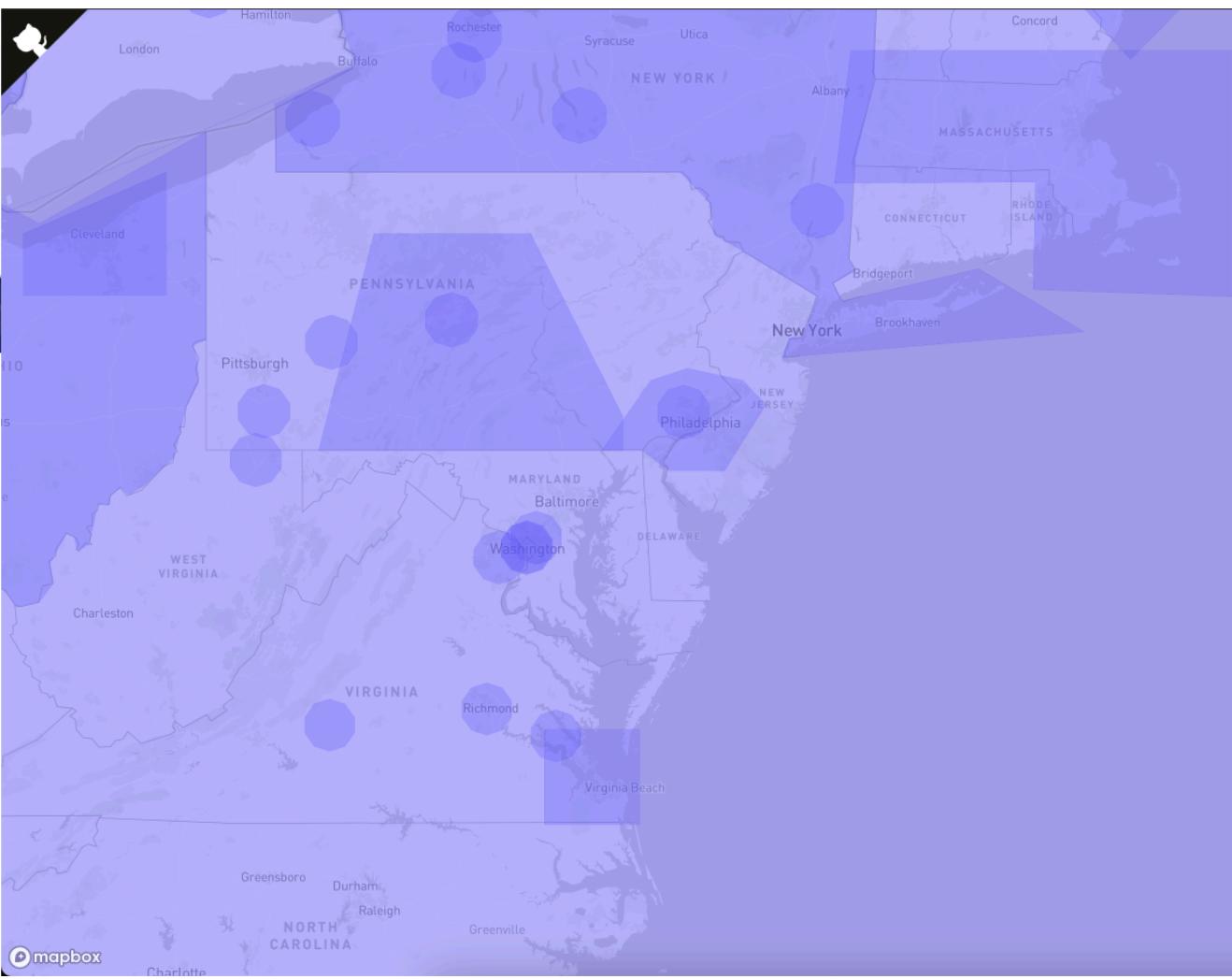
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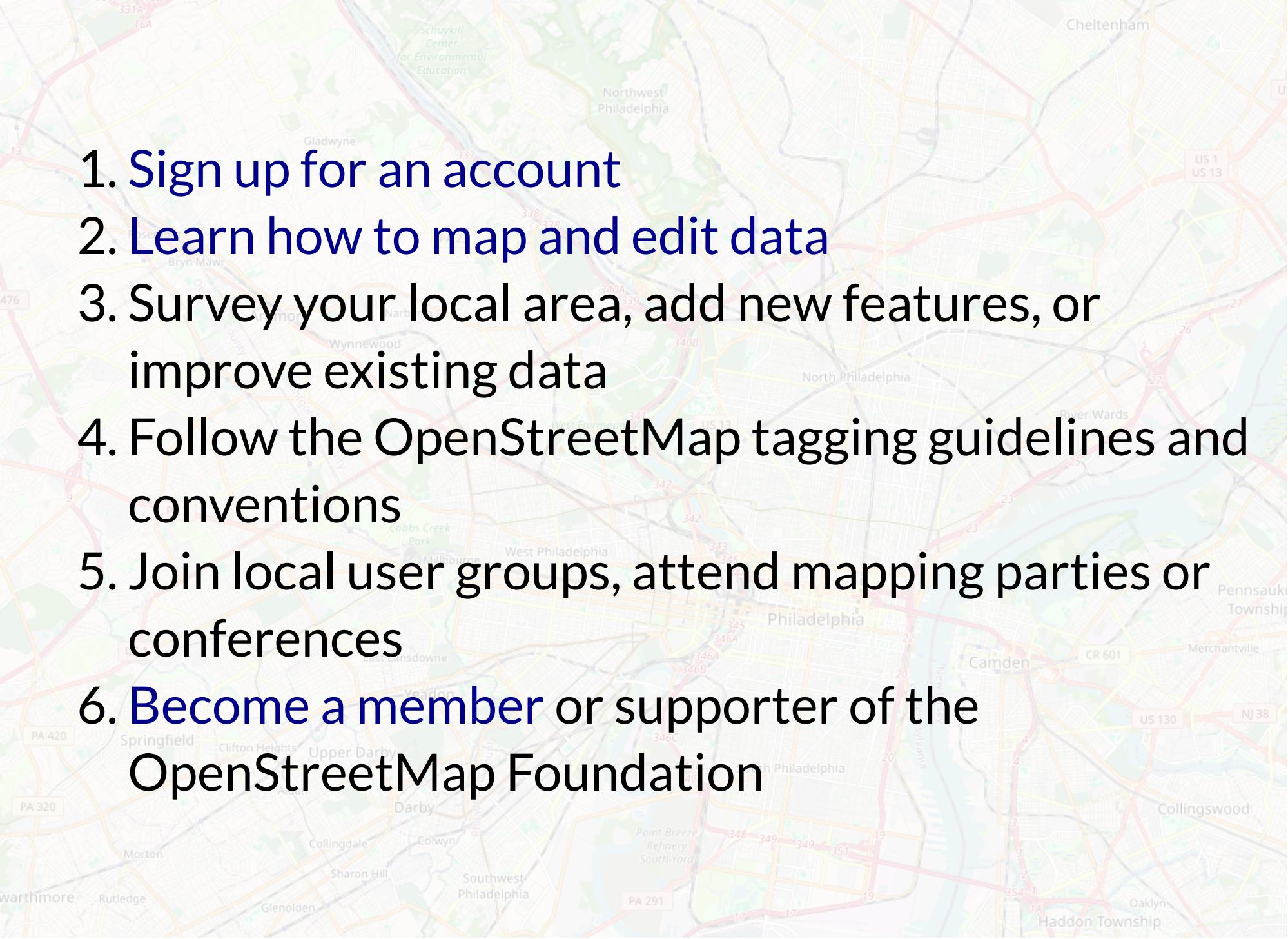
## OSM Communities

- [The Villanova Globepotters](#)
- [GeoPhilly](#)
- [OpenStreetMap US Slack](#)
- [OpenStreetMap US Community Forum](#)
- [OpenStreetMap US](#)
- [OpenStreetMap Foundation](#)
- [OpenStreetMap Community Forum](#)
- [OpenStreetMap World Discord](#)
- [OpenStreetMap on Mastodon](#)
- [OpenStreetMap Telegram](#)
- [OpenStreetMap on X](#)
- [OpenStreetMap on Facebook](#)
- [OpenStreetMap on IRC](#)

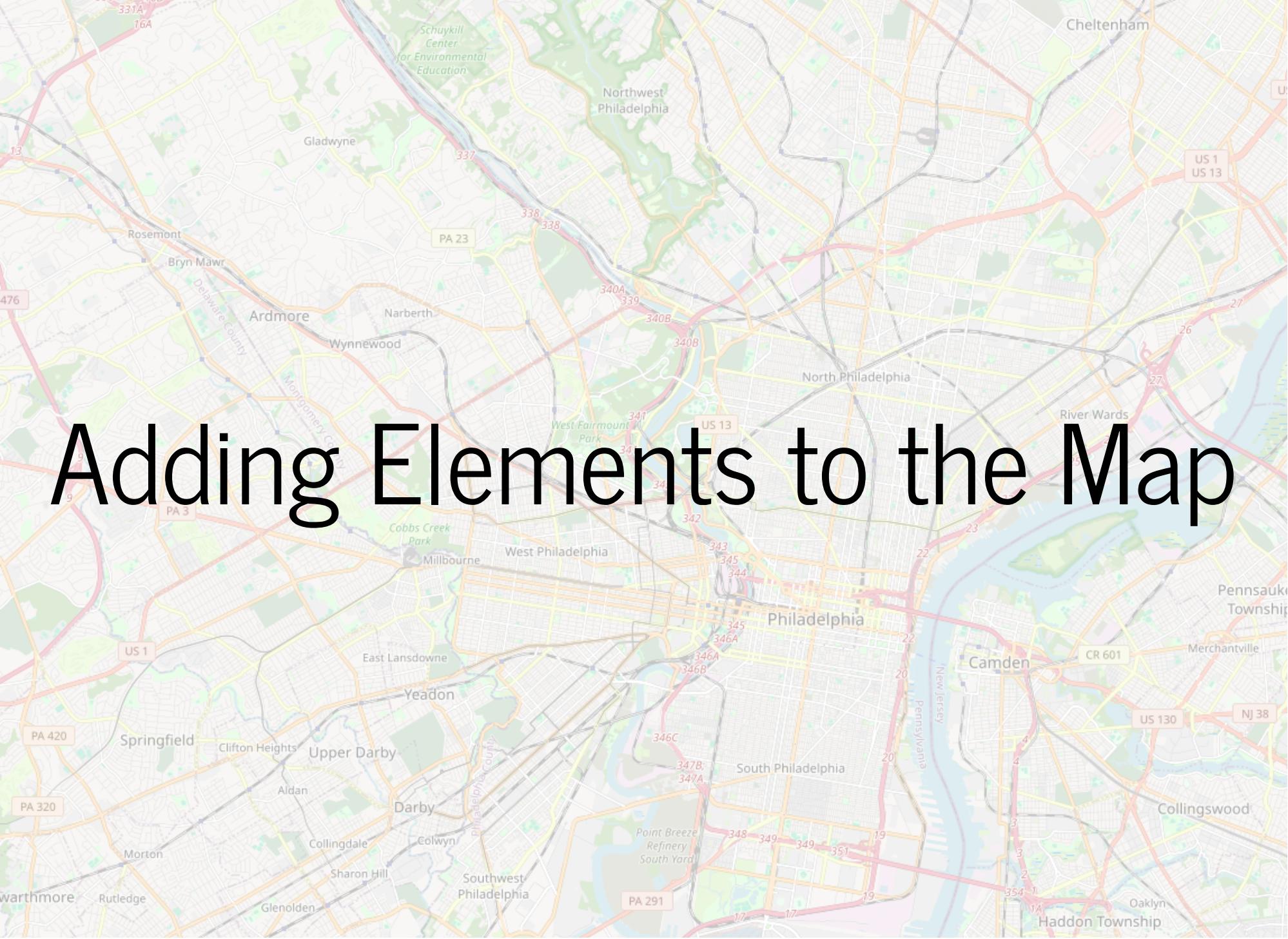
[Permalink to this position](#)

# How to contribute?



- 
1. Sign up for an account
  2. Learn how to map and edit data
  3. Survey your local area, add new features, or improve existing data
  4. Follow the OpenStreetMap tagging guidelines and conventions
  5. Join local user groups, attend mapping parties or conferences
  6. Become a member or supporter of the OpenStreetMap Foundation

# Adding Elements to the Map



# Basic Terms For Mapping

OpenStreetMap has some of its own lingo. Here are a few key words that'll come in handy.



An **editor** is a program or website you can use to edit the map.



A **node** is a point on the map, like a single restaurant or a tree.



A **way** is a line or area, like a road, stream, lake or building.



A **tag** is a bit of data about a node or way, like a restaurant's name or a road's speed limit.

# Editors

## Desktop



iD



JOSM



Rapid



Potlatch

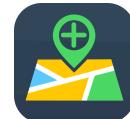
## Mobile



StreetComplete



Vespucci



Go Map!!

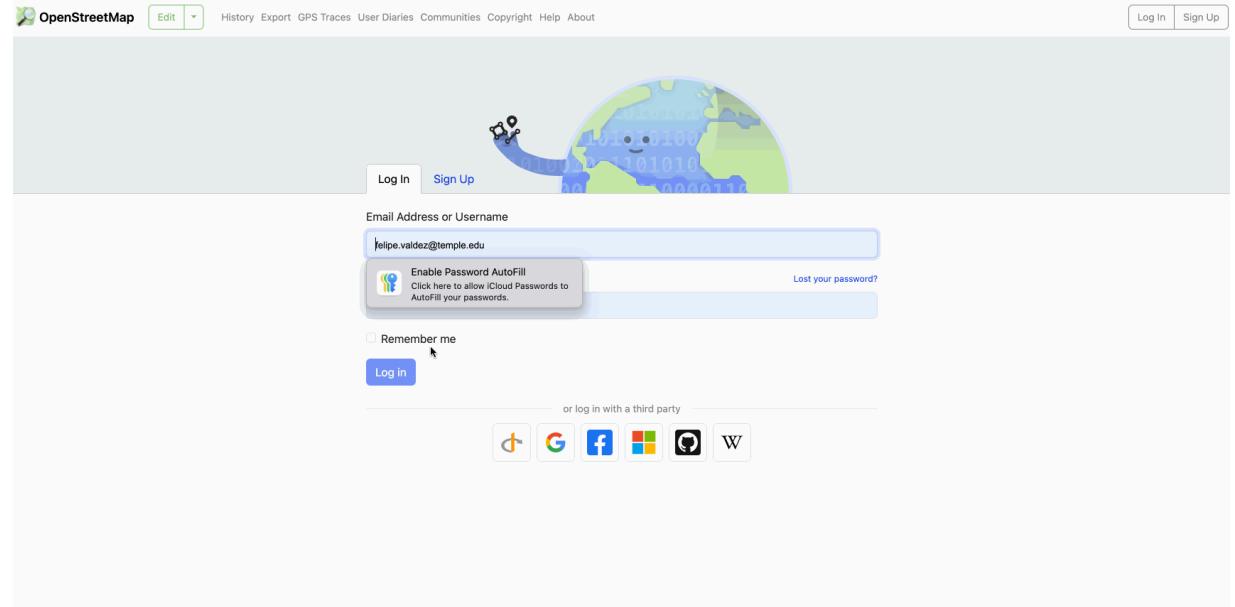


Every Door

# How to use the iD editor?

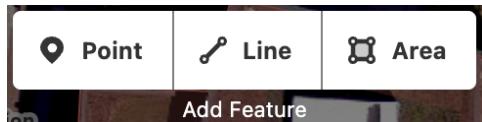
- Login to [openstreetmap.org](https://openstreetmap.org)

- Click on 

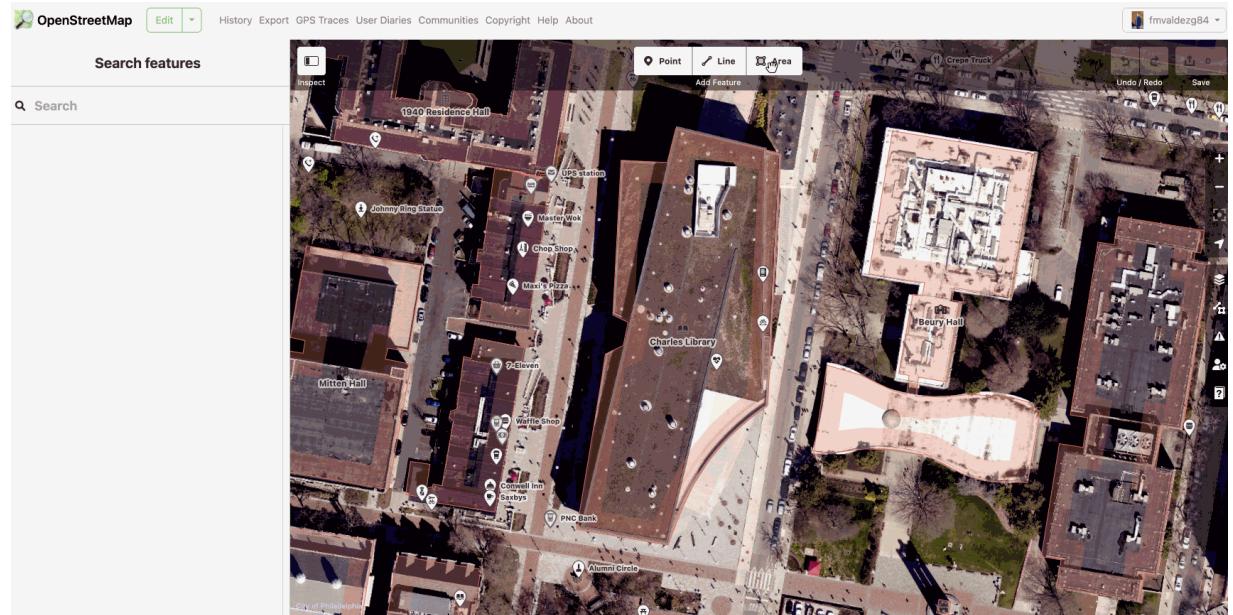


# Creating an element

- Zoom in to the area
- Click on

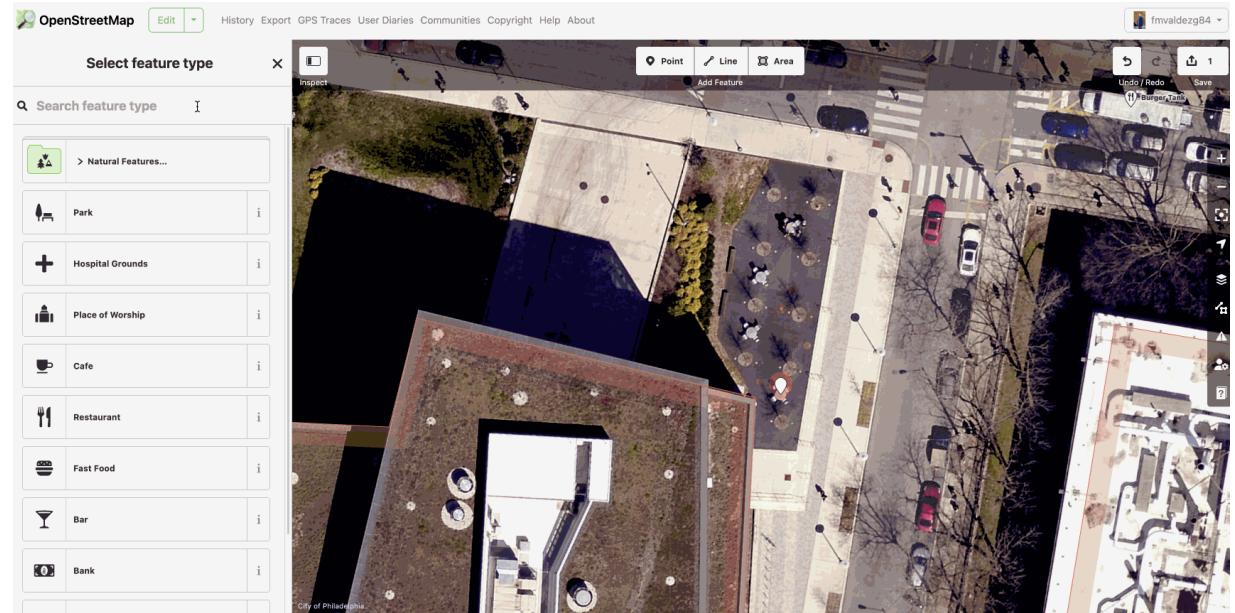


depending on the element you are creating



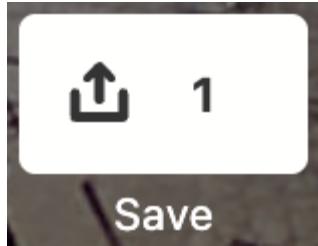
# Adding tags

- On the left side panel
- Type on the search bar
- Select the main tag
- Add more tags as needed



# Saving your edits

- On the top right
- Click on



- Add a comments/sources on the left panel
- Click on

A screenshot of the OpenStreetMap 'Edit feature' interface. The interface has a header with the OpenStreetMap logo and a 'Edit' button. Below the header is a navigation bar with links like History, Export, GPS Traces, User Diaries, Communities, Copyright, Help, and About. The main area is titled 'Edit feature' with a close button. On the left, there's a sidebar with sections for 'Feature Type' (set to 'Picnic Table'), 'Fields' (Material: Metal, Lit: Unknown, Bench: Unknown, Color: Unknown), 'Tags (2)', and 'Relations (0)'. On the right, there's a map view of a park area in Philadelphia, showing streets, buildings, and trees. A callout box in the top right corner says 'Review your changes and upload them to OpenStreetMap, making them visible to other users.' At the bottom left of the map, it says 'City of Philadelphia'. The top right corner of the interface shows a user profile for 'fmvaldezg84' with '1' edit, and buttons for Undo / Redo and Save.

Upload

# Mapping time!

