

RWR 4015

Traffic Simulation for Planning Applications

Dr. Ahmad Mohammadi

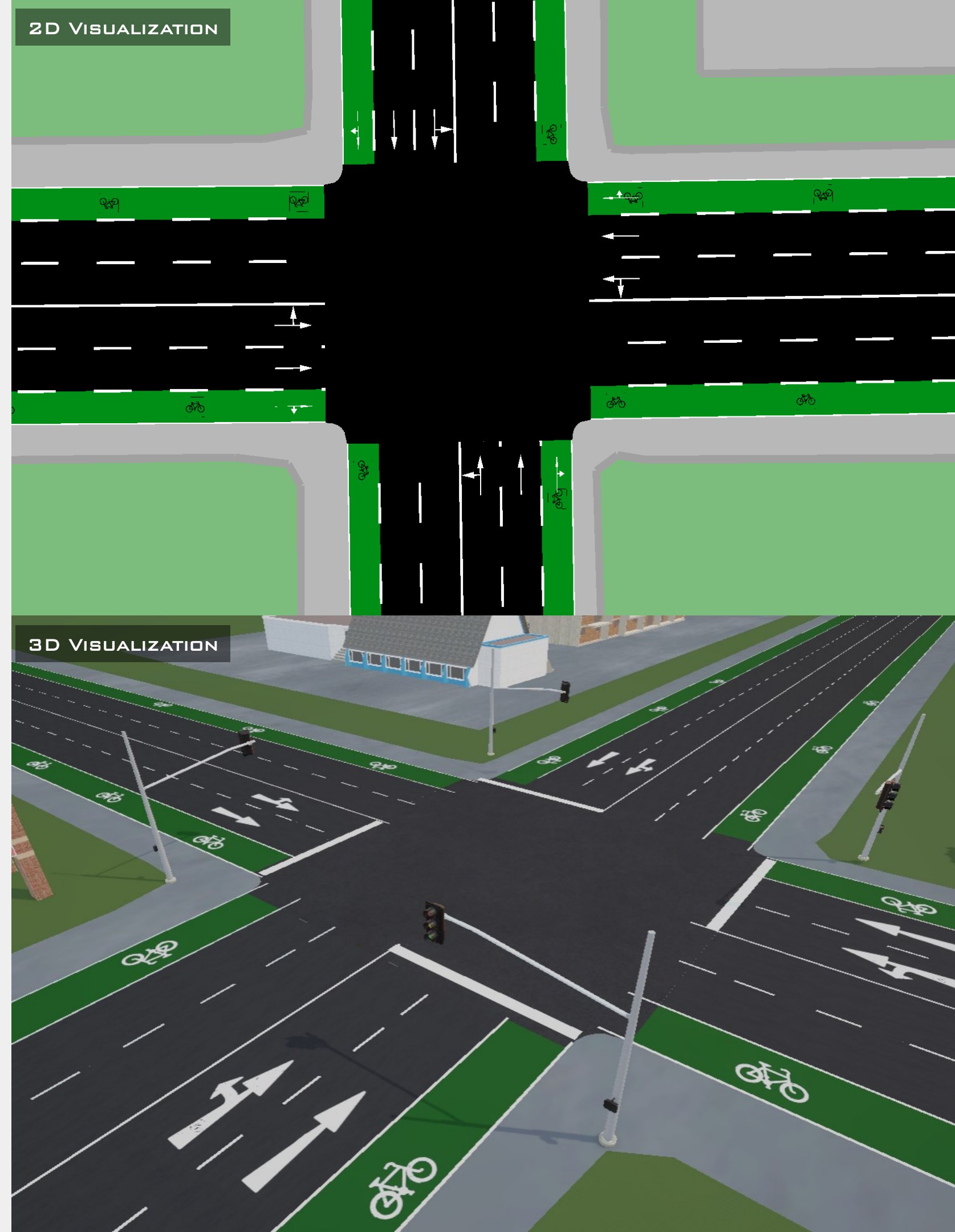
Week 12 | Lecture:
Portfolio and Communication

Fall 2026

RoadwayVR



roadwayvr.github.io/TrafficSimulationforPlanningApplications



Agenda

☐ **Final Project Website + Demo Video + Screenshots + KPI Tables/Plots**

☐ **Final Project Presentations**

Final Project Website: Github

- **GitHub is an open-source platform** to create a free website and publish your Demo Video + Screenshots + KPI Tables/Plots.
- **A GitHub link strengthens** your CV by providing proof of what you built (e.g., a 3D Simulation) with demos.
- **Show, don't just tell:** screenshots and short videos in a website can communicate your work faster than long text.

github.com/SimuTraffX-Lab/SUMO2Unity

form ▾ Solutions ▾ Resources ▾ Open Source ▾ Enterprise ▾ Pricing

Search or jump to... / Sign in Sign up

affX-Lab / SUMO2Unity Public

Issues 8 Pull requests Actions Projects Security Insights

main 8 Branches 2 Tags

Go to file Code

About

No description, website, or topics provided.

1 SUMO Unity

2 SUMO Unity

3 Performance Function #1 Performance Function #2

shijasck11 Muhammed Shijas

SimuTraffXLab

File	Commit	Time
.github	Create ISSUE_TEMPLATE	2 years ago
Assets	FourthCommit	5 months ago
Packages	v2.0.0	5 months ago
ProjectSettings	Third Commit	5 months ago
RequiredFiles	Update Sumo2UnityTool_combined.py	5 months ago
Results	Sumo2Unity V2.0.0	5 months ago
.gitattributes	FirstCommit	2 years ago
.gitignore	Initial commit	2 years ago
.vsconfig	Initial Commit	2 years ago
README.md	Update README.md	2 months ago

README

Welcome to Sumo2Unity Traffic Co-Simulation Tool

CONTRIBUTORS	4	FORKS	6	STARS	49	ISSUES	8 OPEN	LICENSE	MIT	LINKEDIN	CONNECT
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Steps:

Goal: Publish a free GitHub Pages site to showcase your project (video + results)

☐ **Create a GitHub account**

☐ **Create The Website Domain**

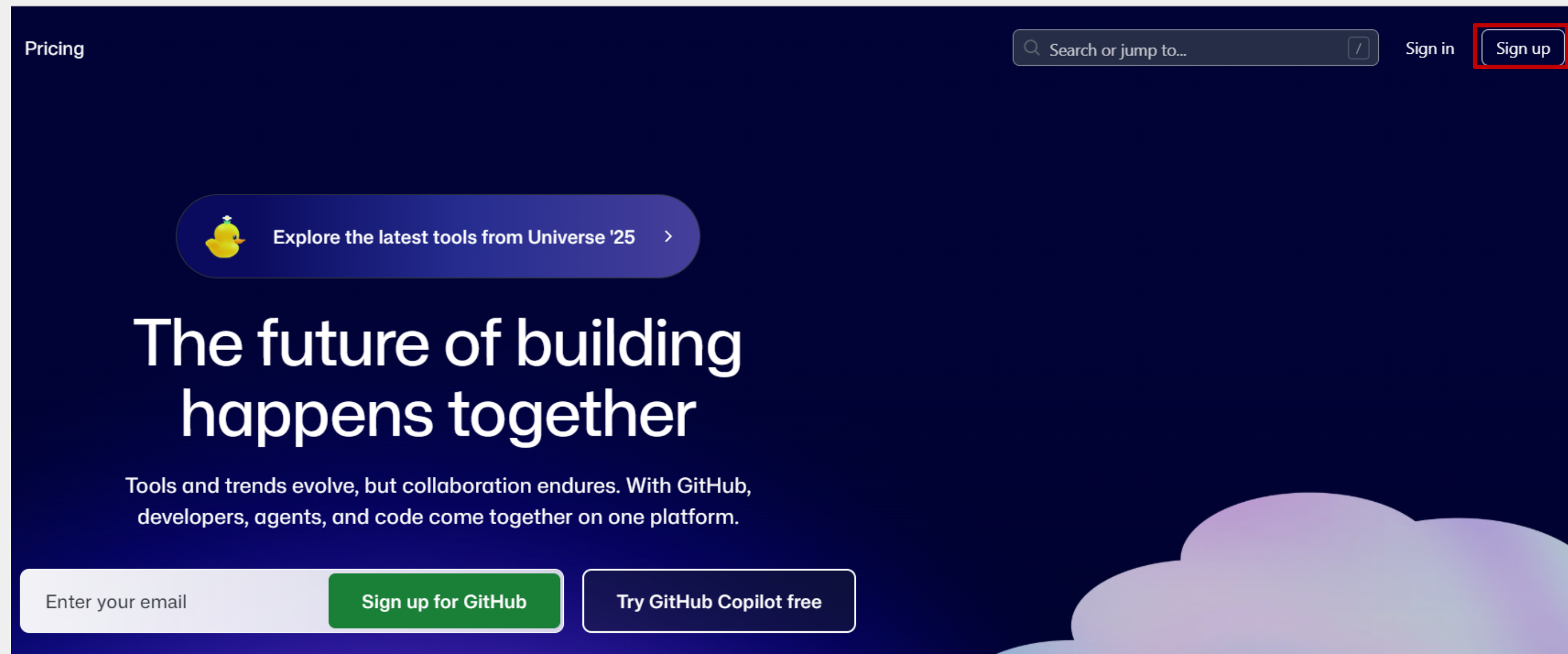
☐ **Create The Website Template**

☐ **Publish the Website**

☐ **Add Your Project Files (Videos, Images, Data)**

Create a GitHub account

1. Open Github.com and Sign UP




Create a GitHub account


2. Create an Account using your email

3. Login to your account

4. Username is: FirstNameLastName

Sign up for GitHub

 Continue with Google

 Continue with Apple

or

Email*

Email

Password*

Password

Password should be at least 15 characters OR at least 8 characters including a number and a lowercase letter.

Username*

Username

Username may only contain alphanumeric characters or single hyphens, and cannot begin or end with a hyphen.

Your Country/Region*

Canada

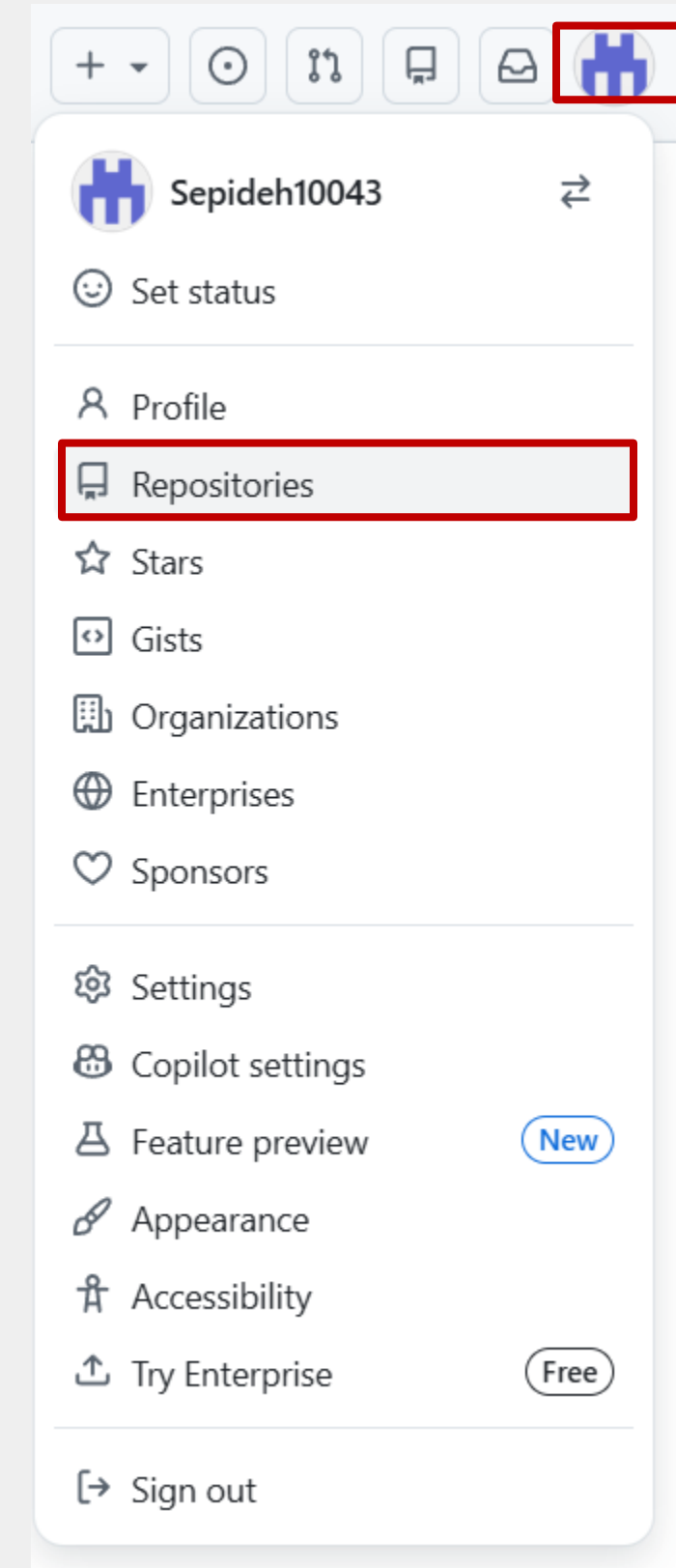
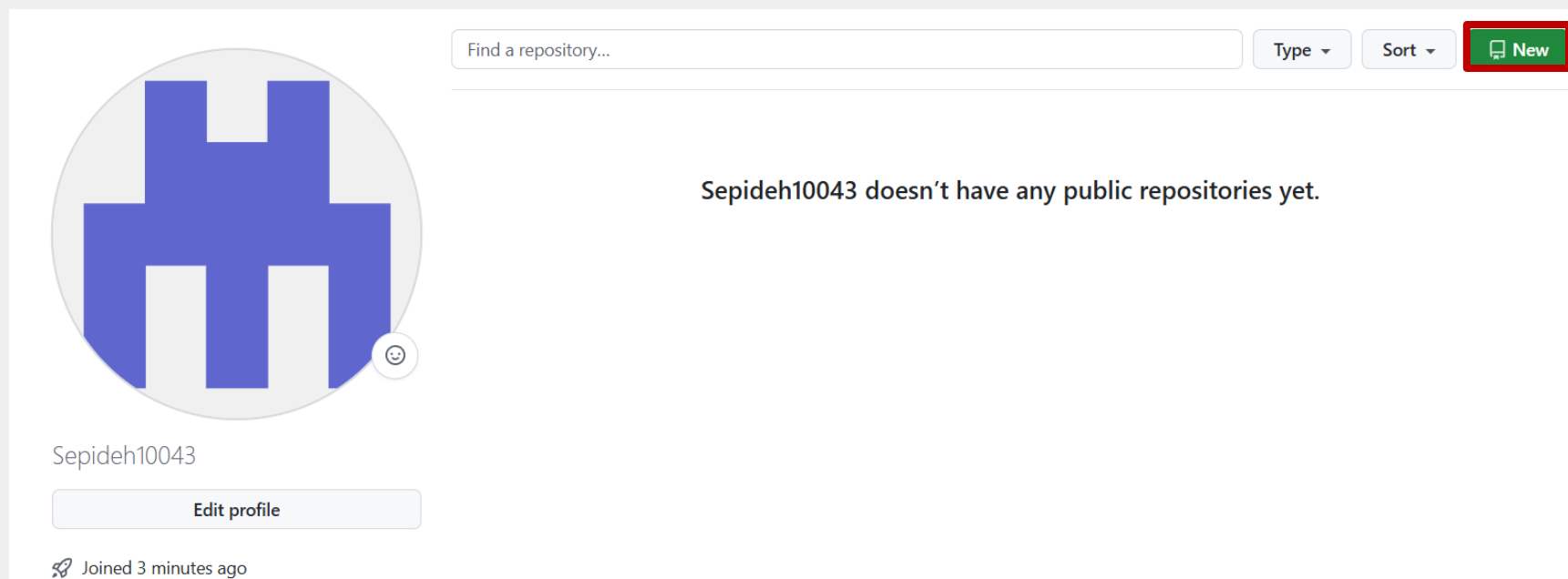
For compliance reasons, we're required to collect country information to send you occasional updates and announcements.

Create account >

Create The Website Domain

1. Select your account (Top Right)
2. Click Repositories and you will see below (you don't have any project 😊)

3. Select new



Create The Website Domain

4. Repository name: FirstNameLastName.github.io

(must match your GitHub username from Slide 6)

5. Description: My personal website showcasing
computer vision, traffic simulation, and
optimization skills

6. Initialize repository: Add a README (ON)

7. Click Create repository

Create a new repository

Repositories contain a project's files and version history. Have a project elsewhere? [Import a repository](#).
Required fields are marked with an asterisk (*).

1

General

Owner *

Sepideh10043

Repository name *

AhmadMohammadi.github.io

✓ AhmadMohammadi.github.io is available.

Great repository names are short and memorable. How about [super-palm-tree?](#)

Description

My Personal Website Showcasing Computer Vision, Traffic Simulation, and Optimization Skills

91 / 350 characters

2

Configuration

Choose visibility *

Choose who can see and commit to this repository

Public

Add README

READMEs can be used as longer descriptions. [About READMEs](#)

On

Add .gitignore

.gitignore tells git which files not to track. [About ignoring files](#)

No .gitignore

Add license

Licenses explain how others can use your code. [About licenses](#)

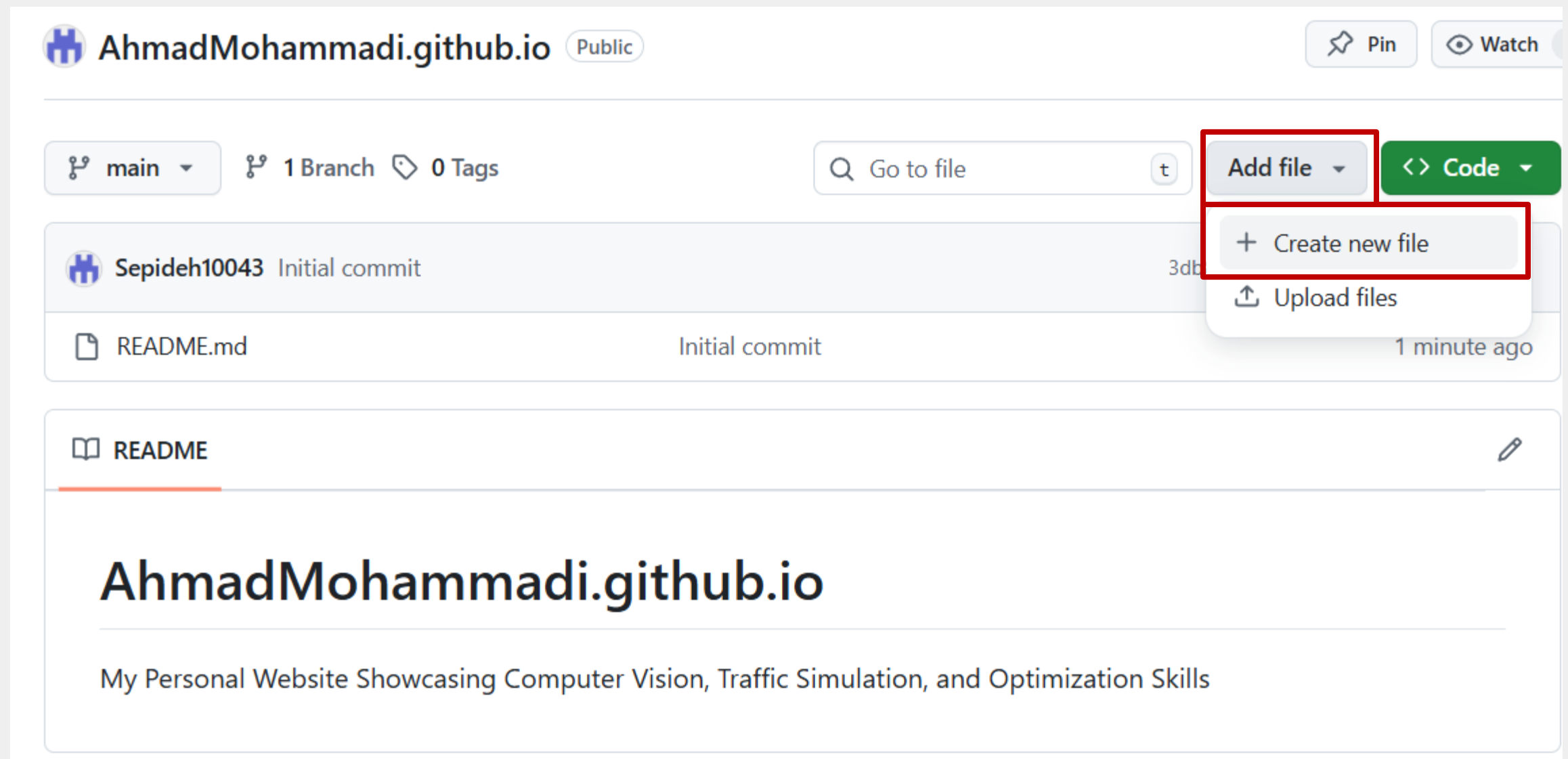
No license

Create repository

Create The Website Template

1. In the repo

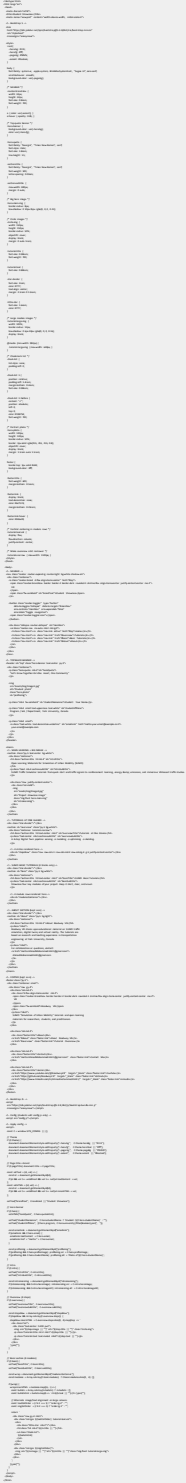
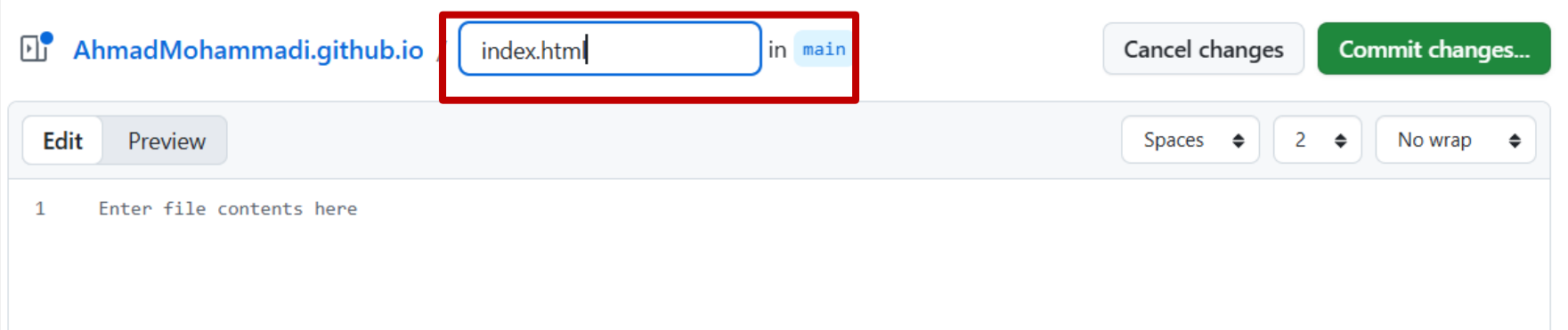
2. Add File → Create new file



Create The Website Template

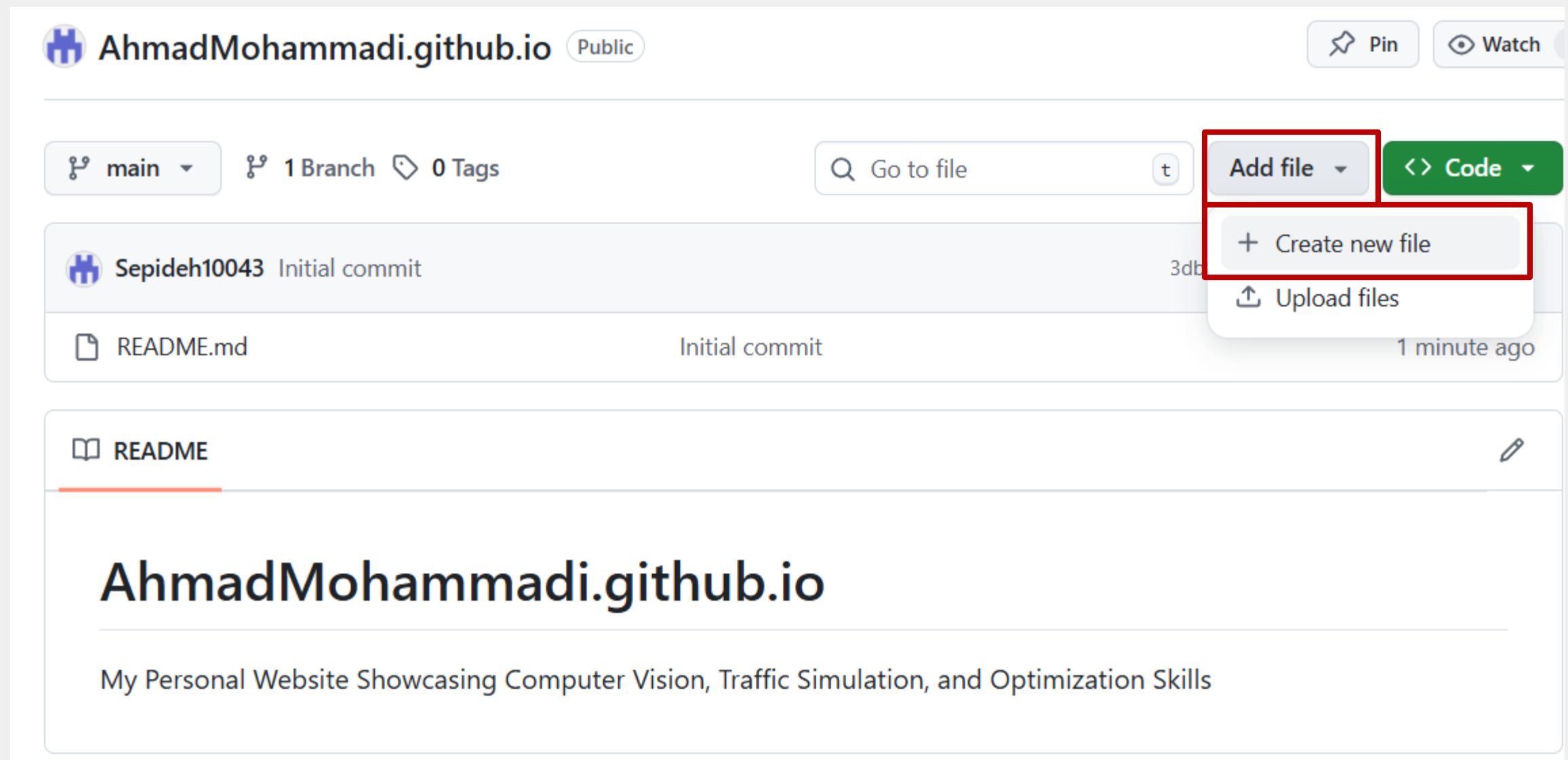
3. In File name:
Type “index.html”

4. Copy and paste this code
into the big text box



Create The Website Template

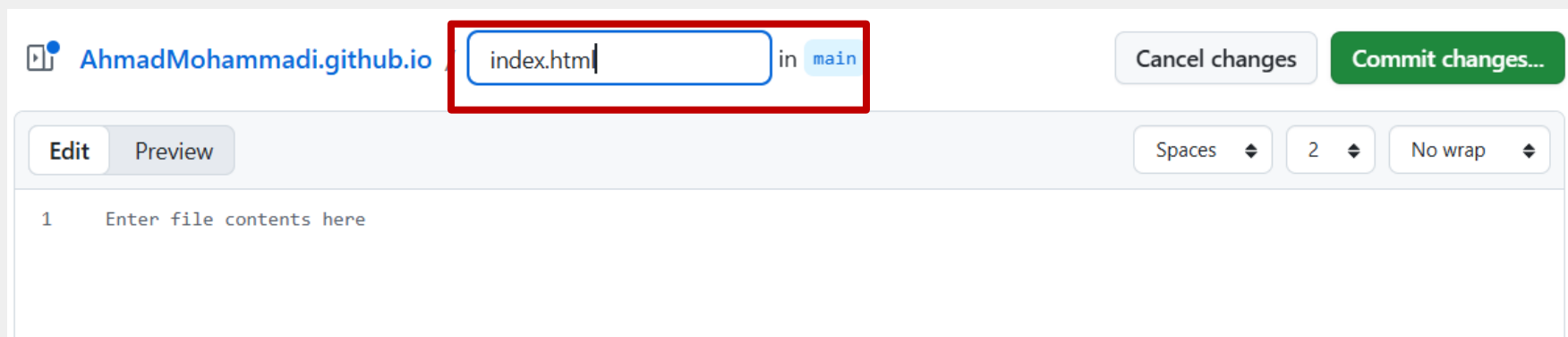
5. In the repo → Add File → Create new file



Create The Website Template

6. In File name: Type “config.js”

7. Copy and paste this code into the big text box



Publish the Website

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

main

AhmadMohammadi.github.io /

Go to file

Add file

Sepideh10043

Create index.html

0c9c441 · 2 minutes ago

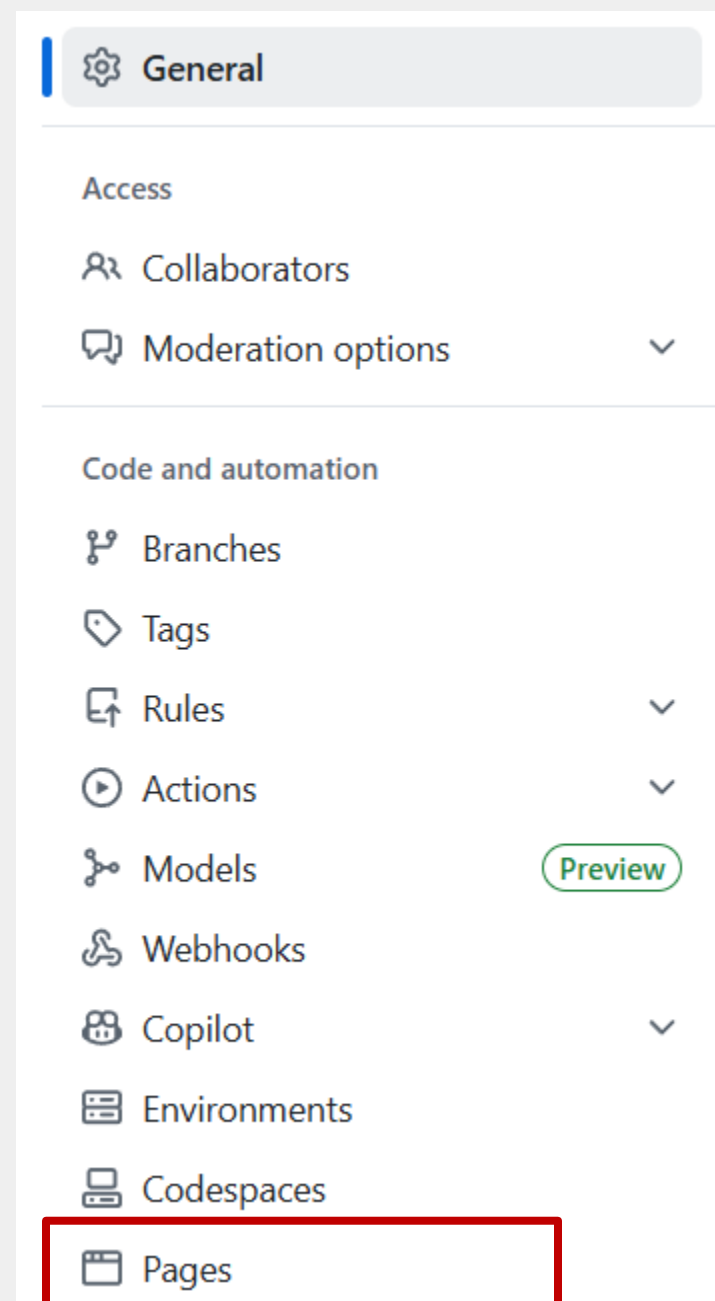
Name	Last commit message	Last commit date
README.md	Initial commit	48 minutes ago
index.html	Create index.html	2 minutes ago

README.md

AhmadMohammadi.github.io

My Personal Website Showcasing Computer Vision, Traffic Simulation, and Optimization Skills

Publish the Website



Build and deployment

Source

Deploy from a branch ▾

Branch

GitHub Pages is currently disabled. Select a source below to enable GitHub Pages for this repository.

[Learn more about configuring the publishing source for your site.](#)

None ▾

Save

Select branch

Q |

main

✓ None

Access to your GitHub Pages site by publishing it
are your internal documentation or knowledge base
to Enterprise risk-free for 30 days. [Learn more about](#)

Publish the Website

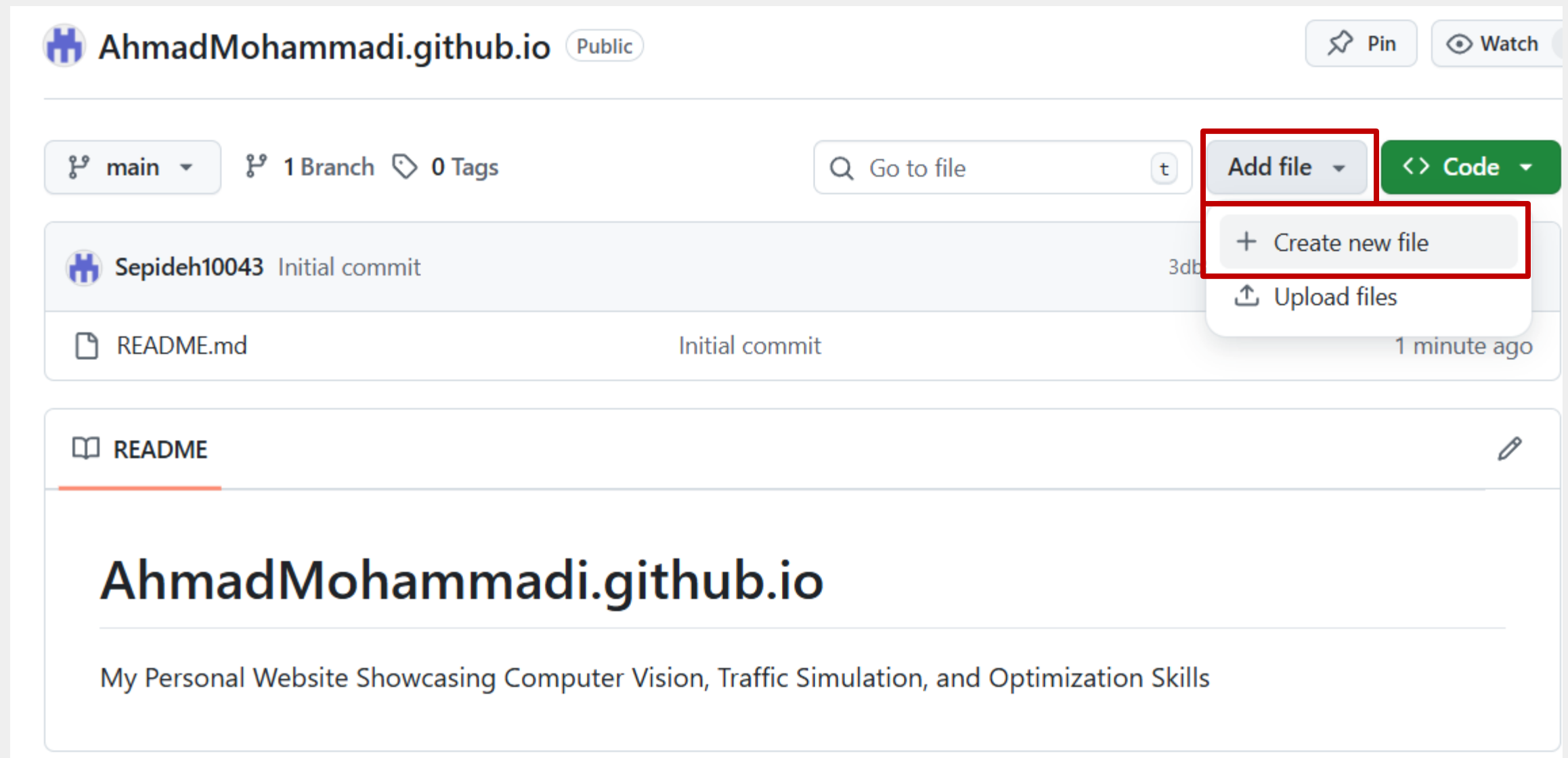
- ❑ Open `FirstNameLastName.github.io`
- ❑ Congrats you have now a website domain with your name → Now, you can start modifying it

Add Your Project Files (Videos, Images, Data)

1. Go to your repo main page:

[https://github.com/FirstnameLastName/ FirstnameLastName.github.io](https://github.com/FirstnameLastName/FirstnameLastName.github.io)

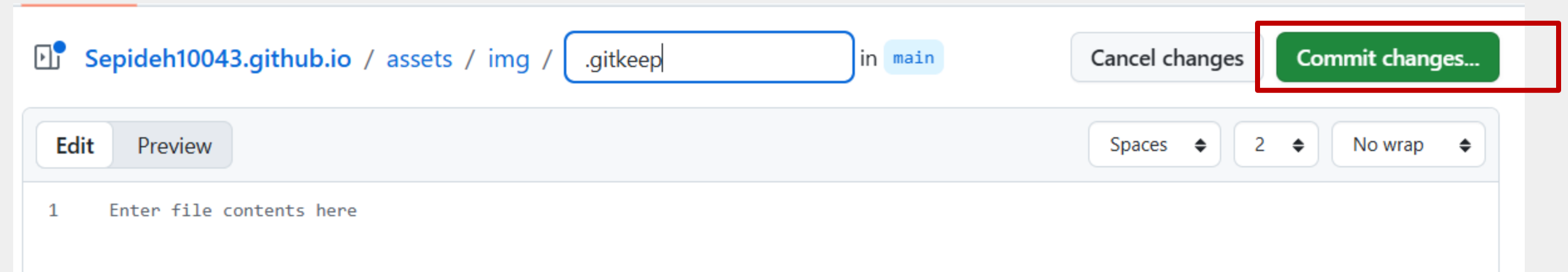
2. Add File → Create new File



Add Your Project Files (Videos, Images, Data)

3. At the top where it says “name your file ...”, type this exactly:

Assets/img/.gitkeep



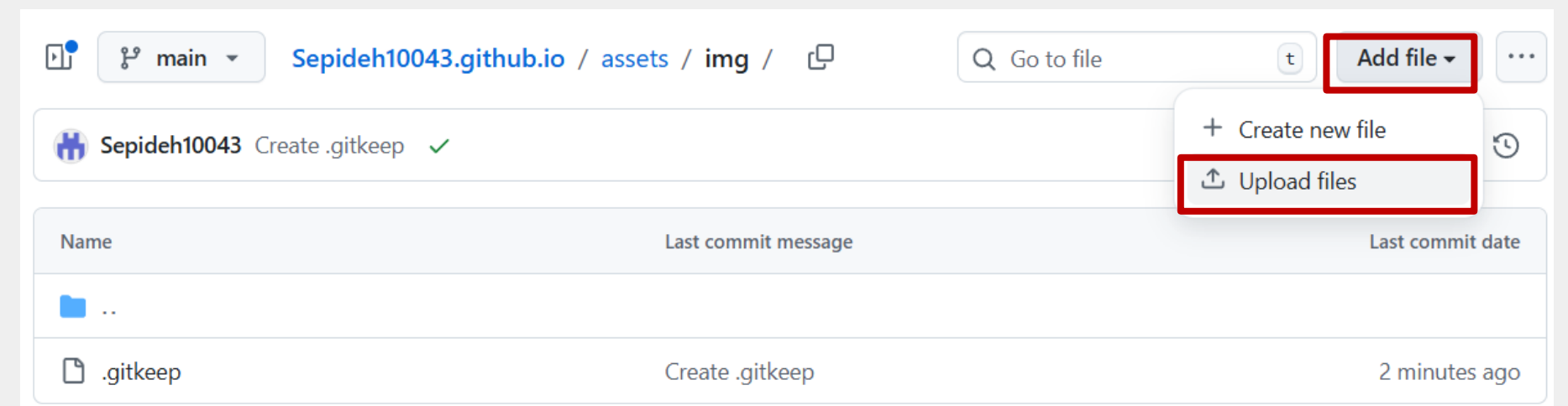
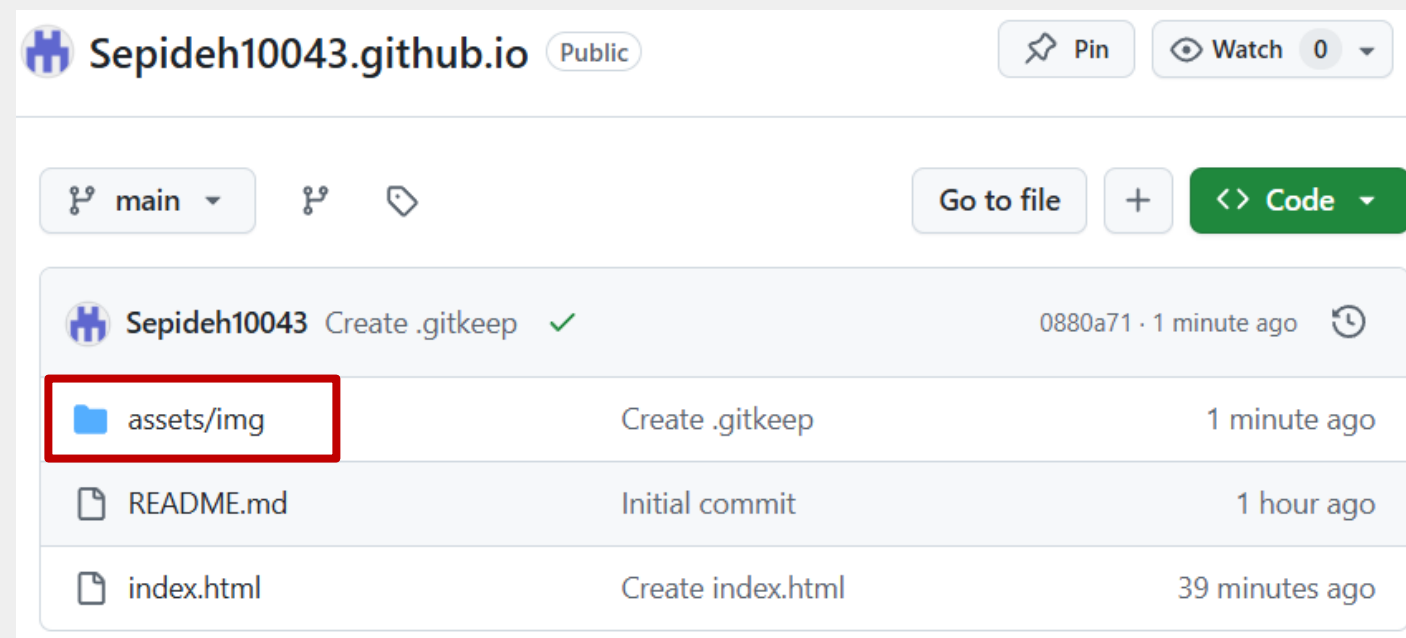
Add Your Project Files (Videos, Images, Data)

4. In the repo → Click Assets → img → you are inside assets/img

5. Click Add files → Upload Files

6. Drag and Drop your images into Upload folder

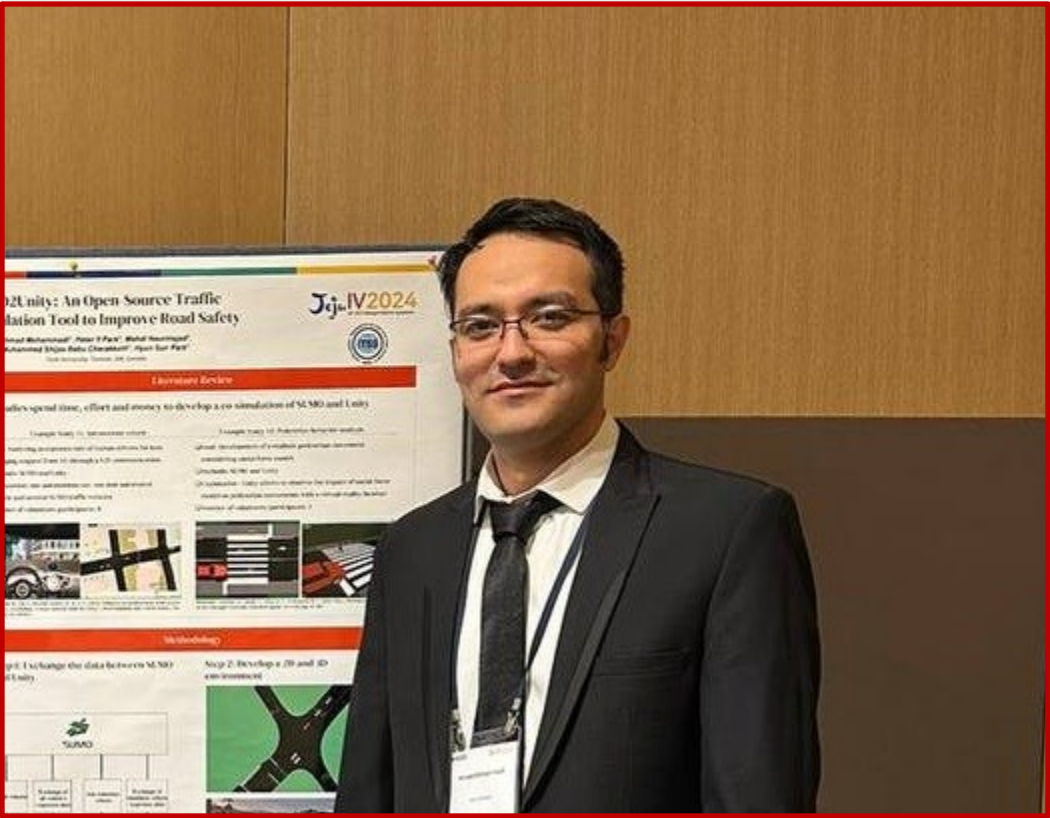
7. Hit Commit



Add Your Project Files (Videos, Images, Data)

8. Replace Image1.jpg with the image you prefer

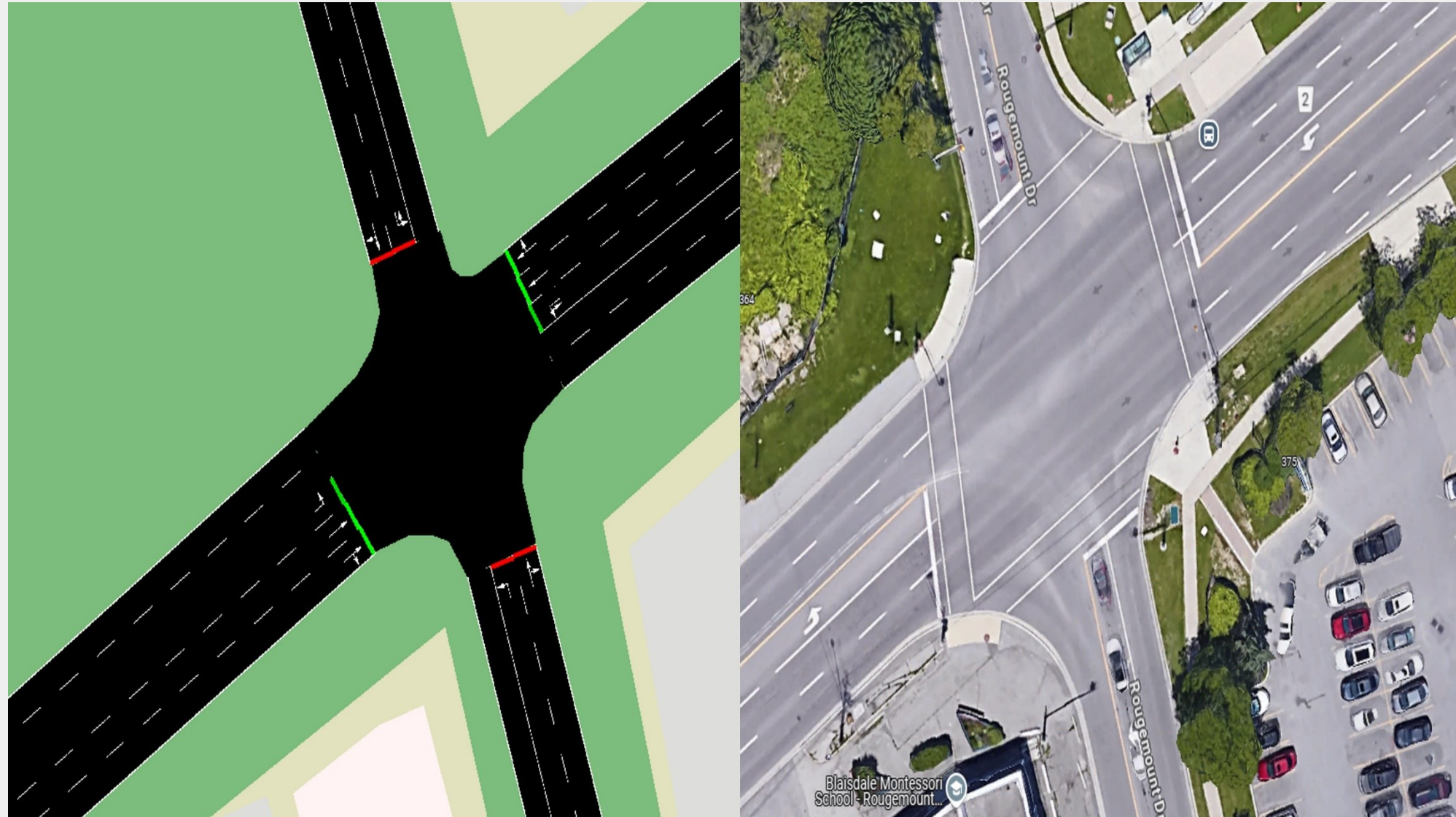
Image1.jpg



Add Your Project Files (Videos, Images, Data)

9. Replace Image2.jpg with your project images

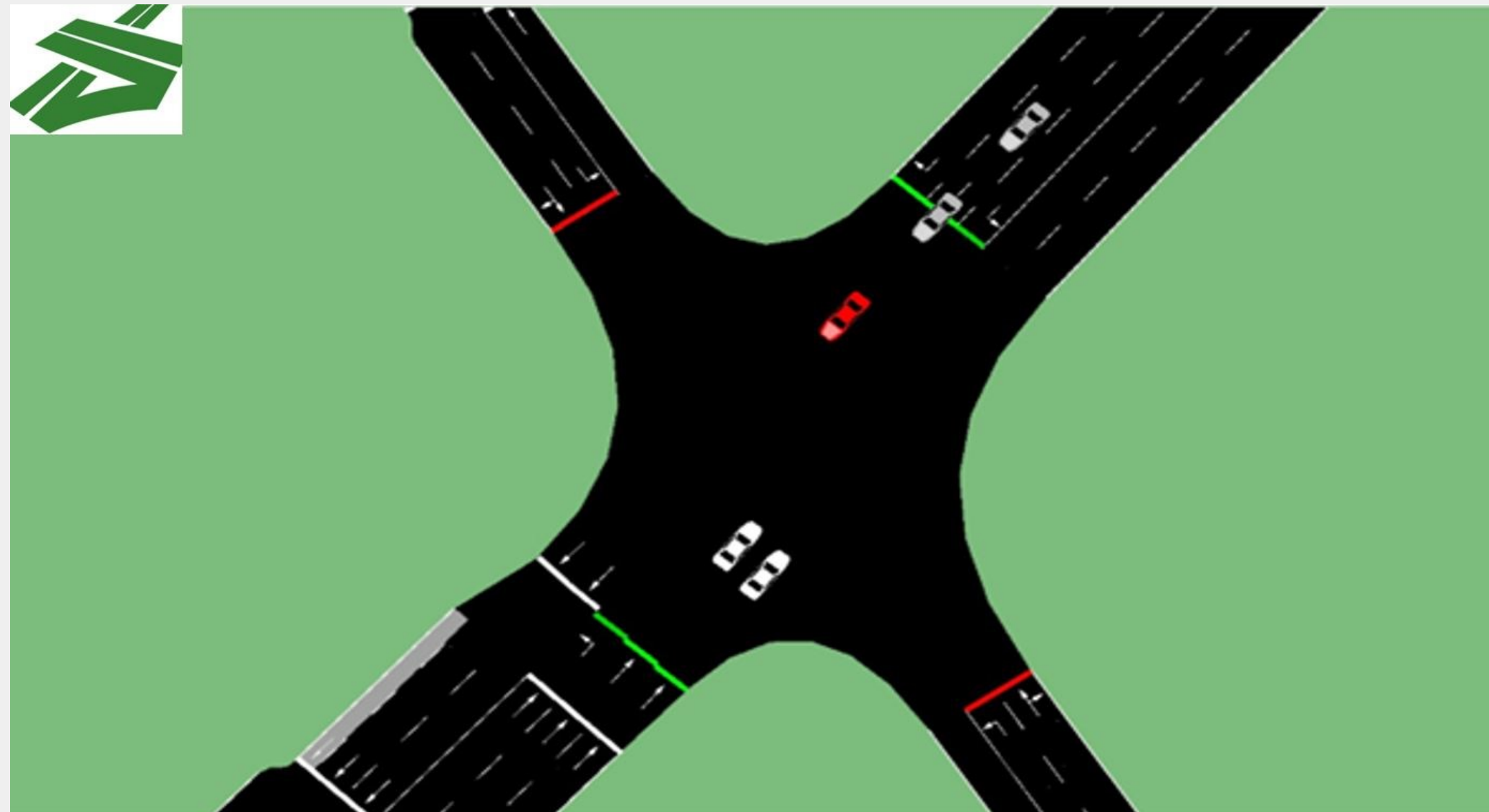
Image2.jpg



Add Your Project Files (Videos, Images, Data)

10. Replace Image3.jpg with your project images

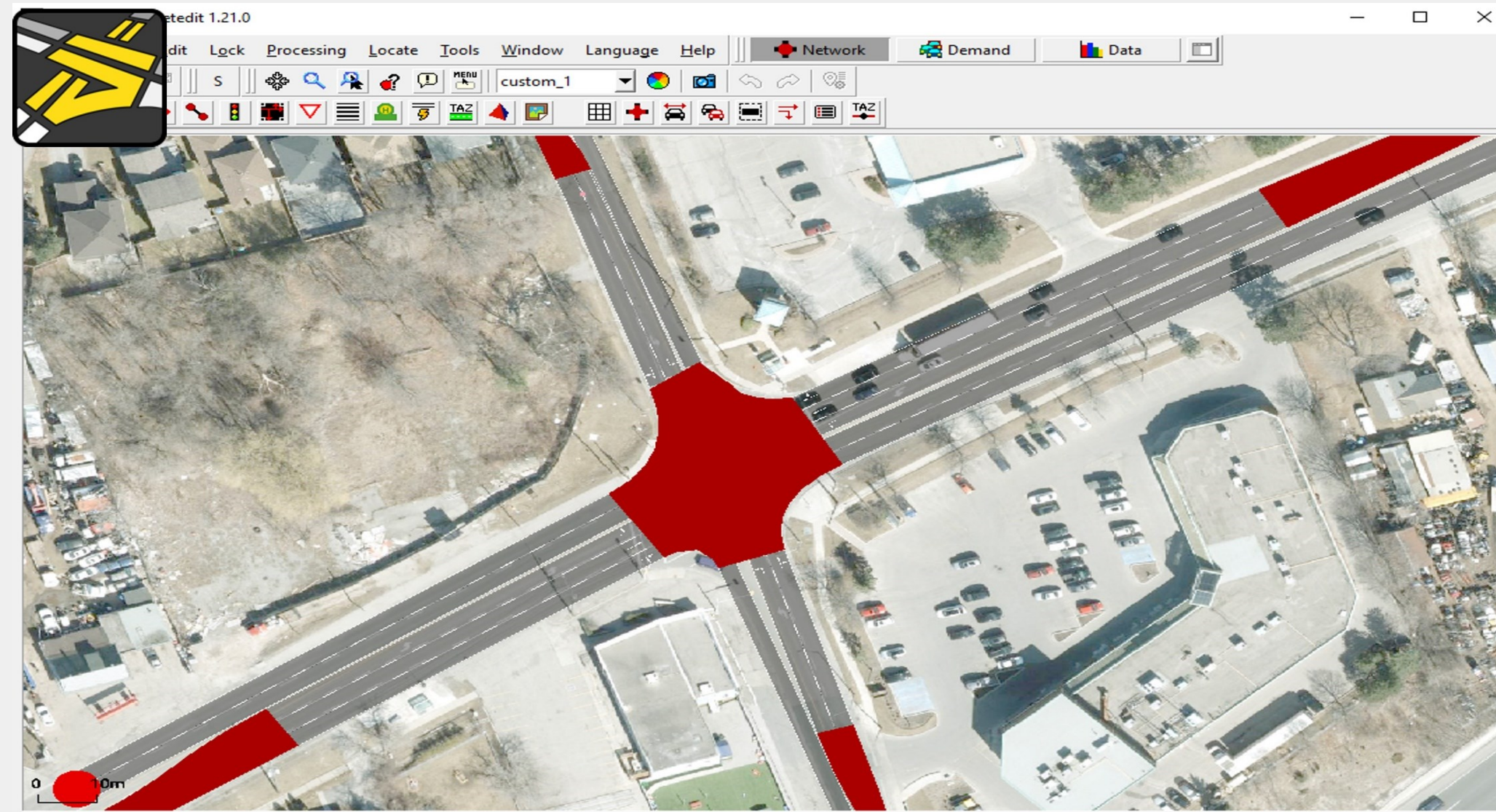
Image3.jpg



Add Your Project Files (Videos, Images, Data)

11. Replace Image4.jpg with your project images

Image4.jpg



Add Your Project Files (Videos, Images, Data)

12. Replace Image5.jpg with your project images

