

RWR 4013

Digital Twins for Smart Cities

Dr. Ahmad Mohammadi

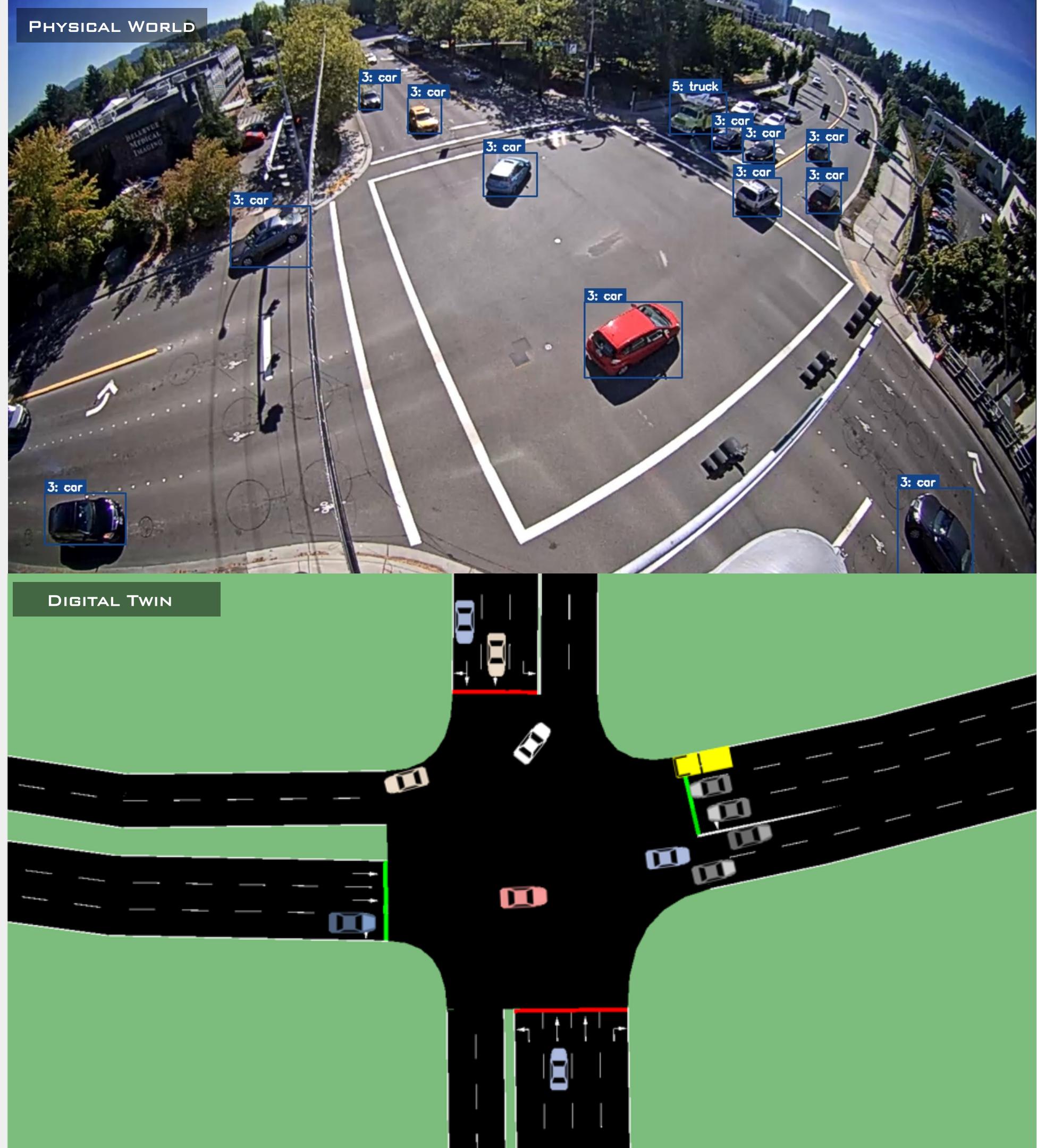
Week 11 | Session 2:
Decision III
(Project Website Showcase)

Fall 2026

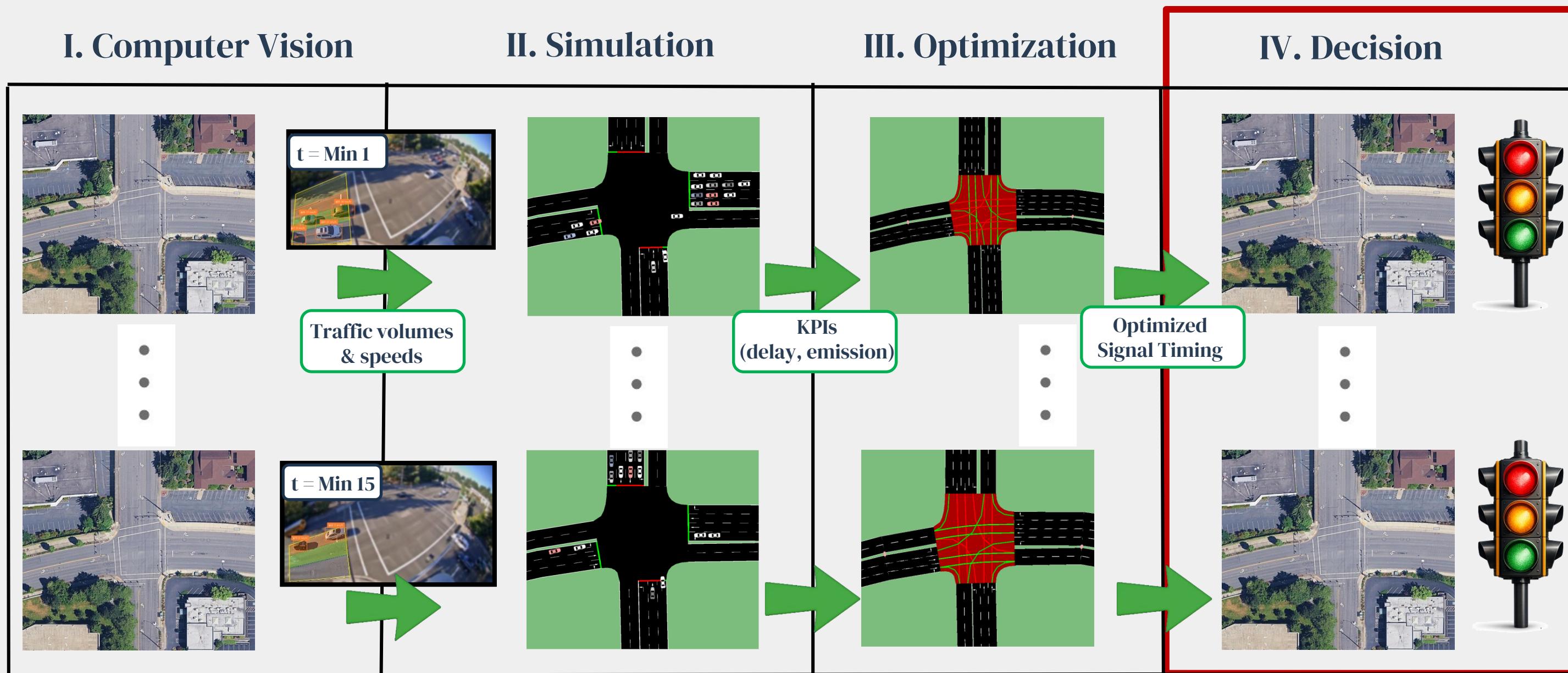
RoadwayVR



roadwayvr.github.io/DigitalTwinsforSmartCities

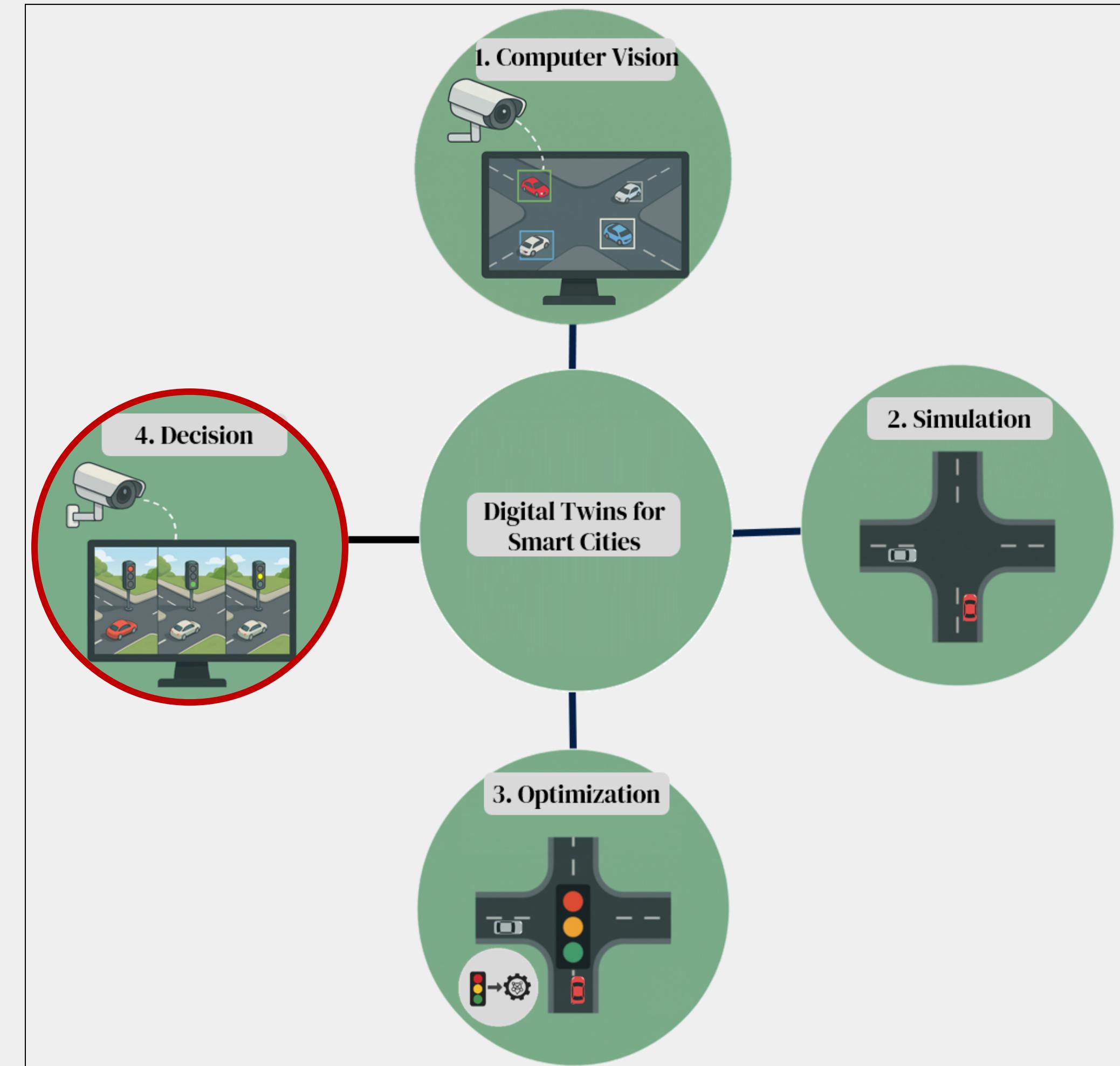


Overview of Course Syllabus in One Shot



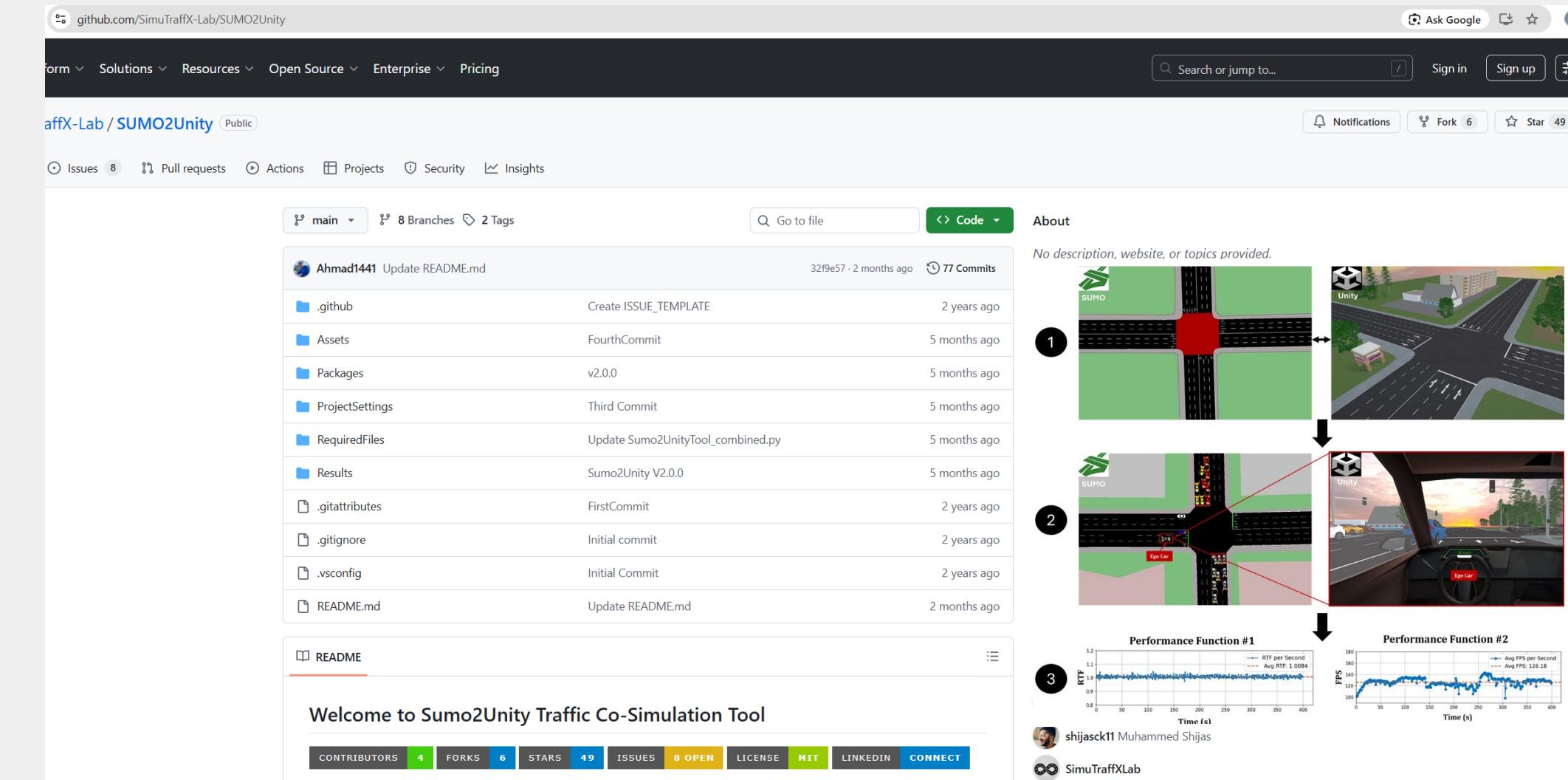
Agenda

- ❑ 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.



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

The screenshot shows the GitHub homepage with a dark blue background. At the top, there is a navigation bar with links for "Pricing", "Search or jump to...", "Sign in", and a red-bordered "Sign up" button. Below the navigation bar, there is a purple call-to-action button with a yellow duck icon and the text "Explore the latest tools from Universe '25". The main headline reads "The future of building happens together". A subtext below it says "Tools and trends evolve, but collaboration endures. With GitHub, developers, agents, and code come together on one platform." At the bottom, there is a white input field labeled "Enter your email", a green "Sign up for GitHub" button, and a grey "Try GitHub Copilot free" button.

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

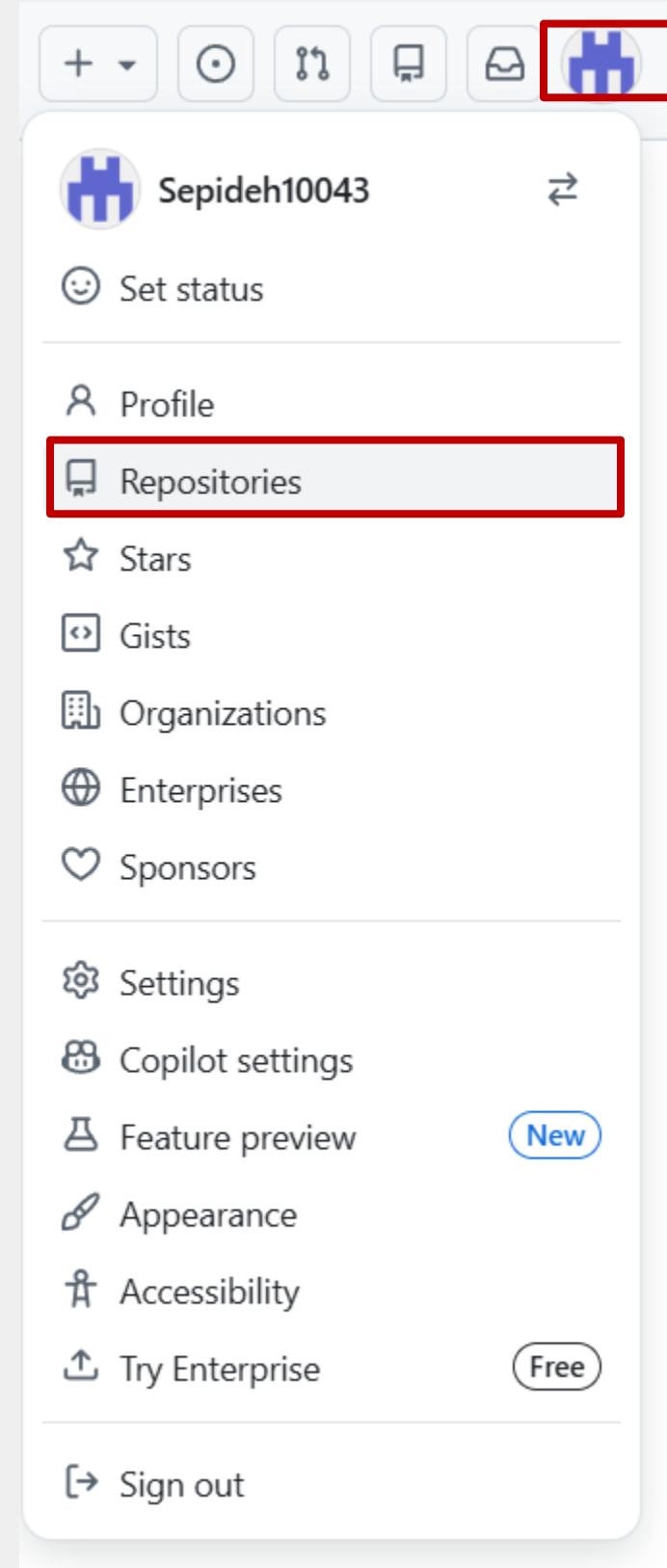
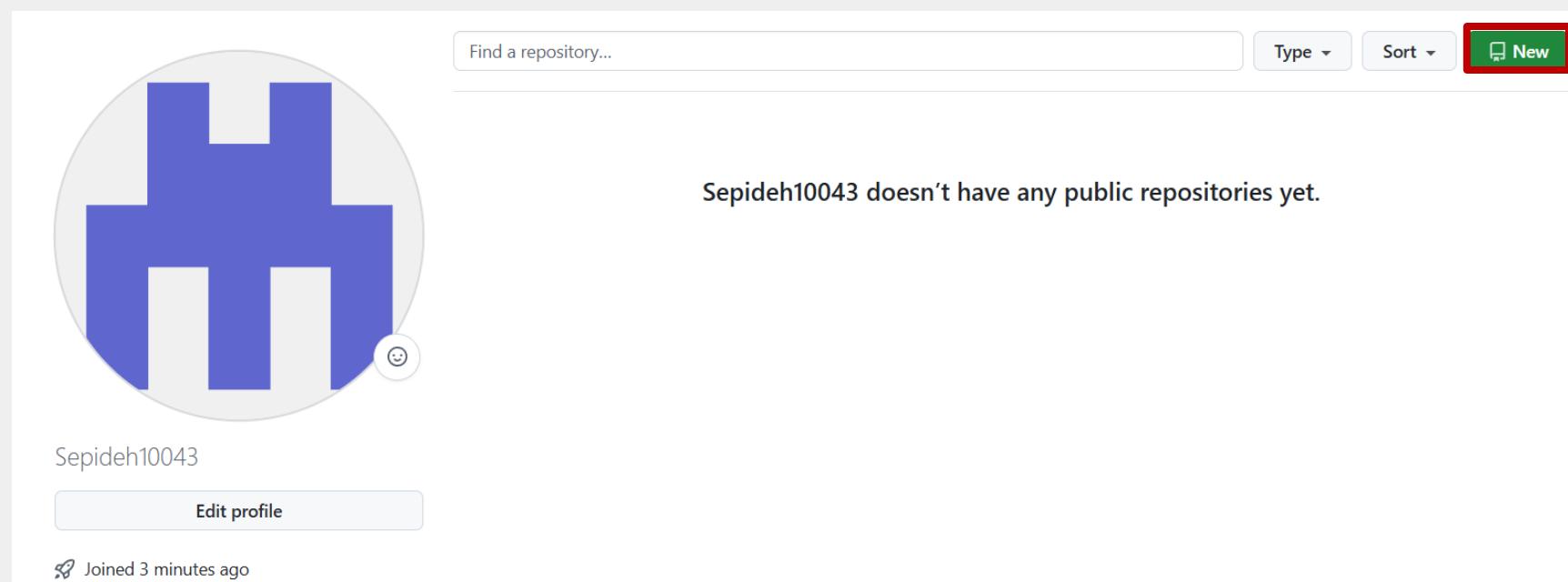
For compliance reasons, we're required to collect country information to send you occasional updates and announcements.

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 * Public

Add README

On

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

Add .gitignore

No .gitignore

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

Add license

No license

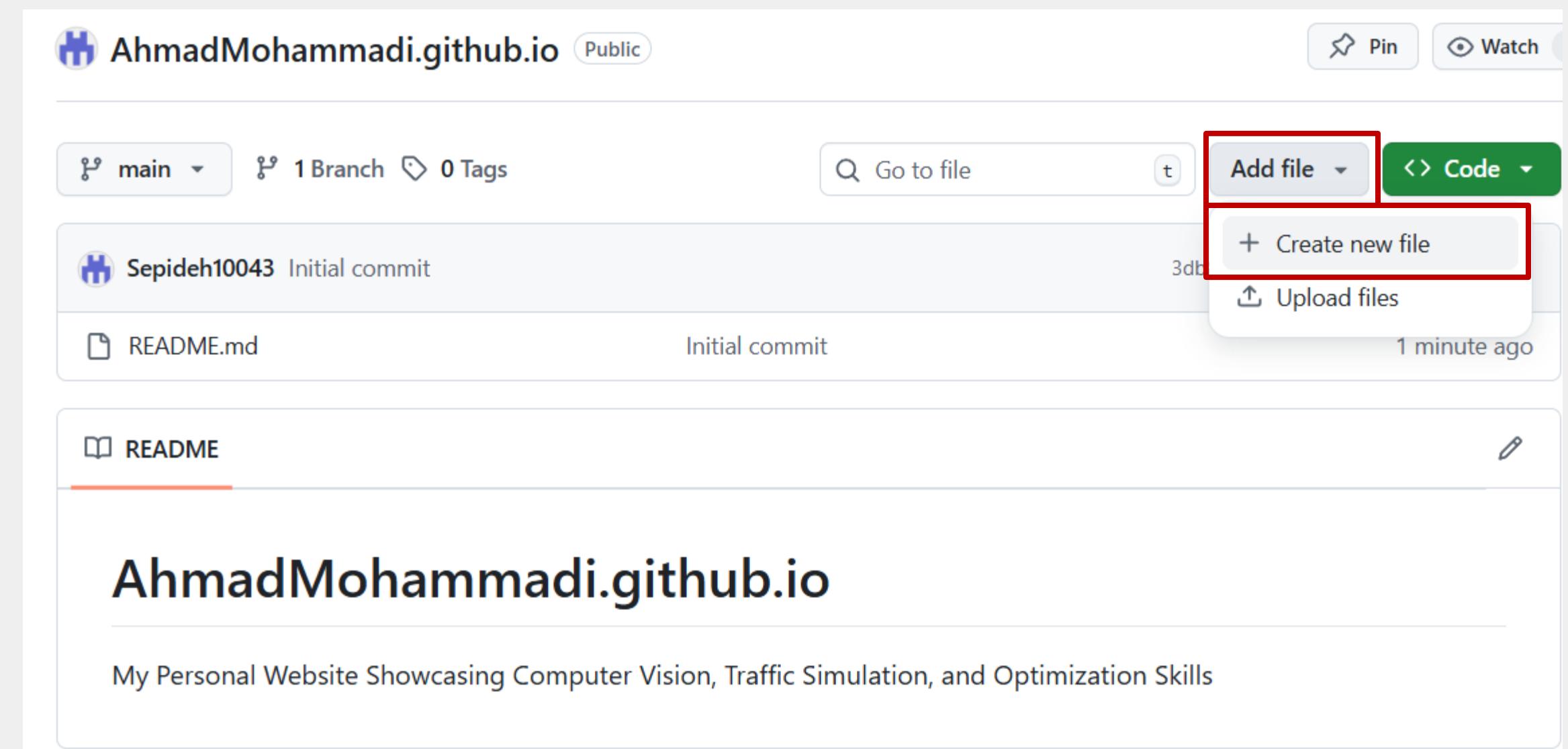
Licenses explain how others can use your code. [About licenses](#)

Create repository

Create The Website Template

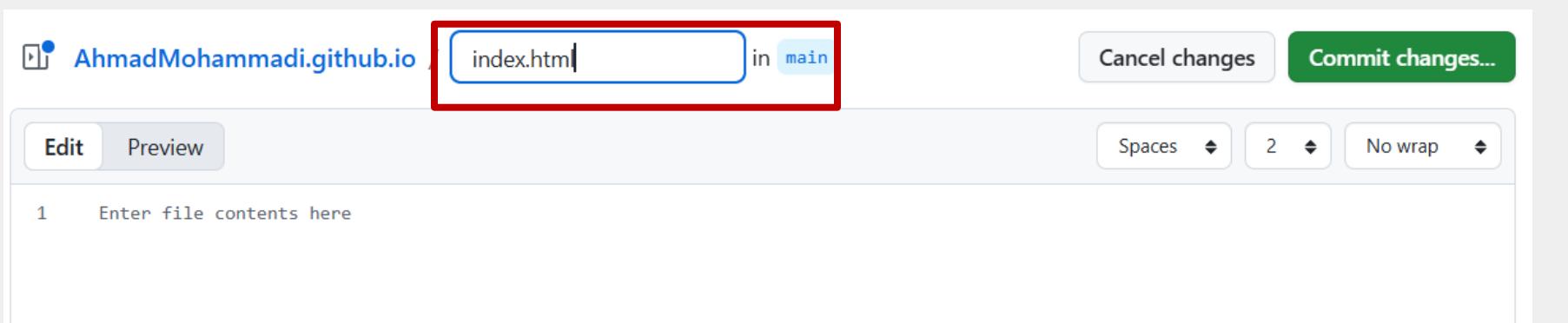
1. In the repo

2. Add File → Create new file



Create The Website Template

3. In File name:
Type “index.html”

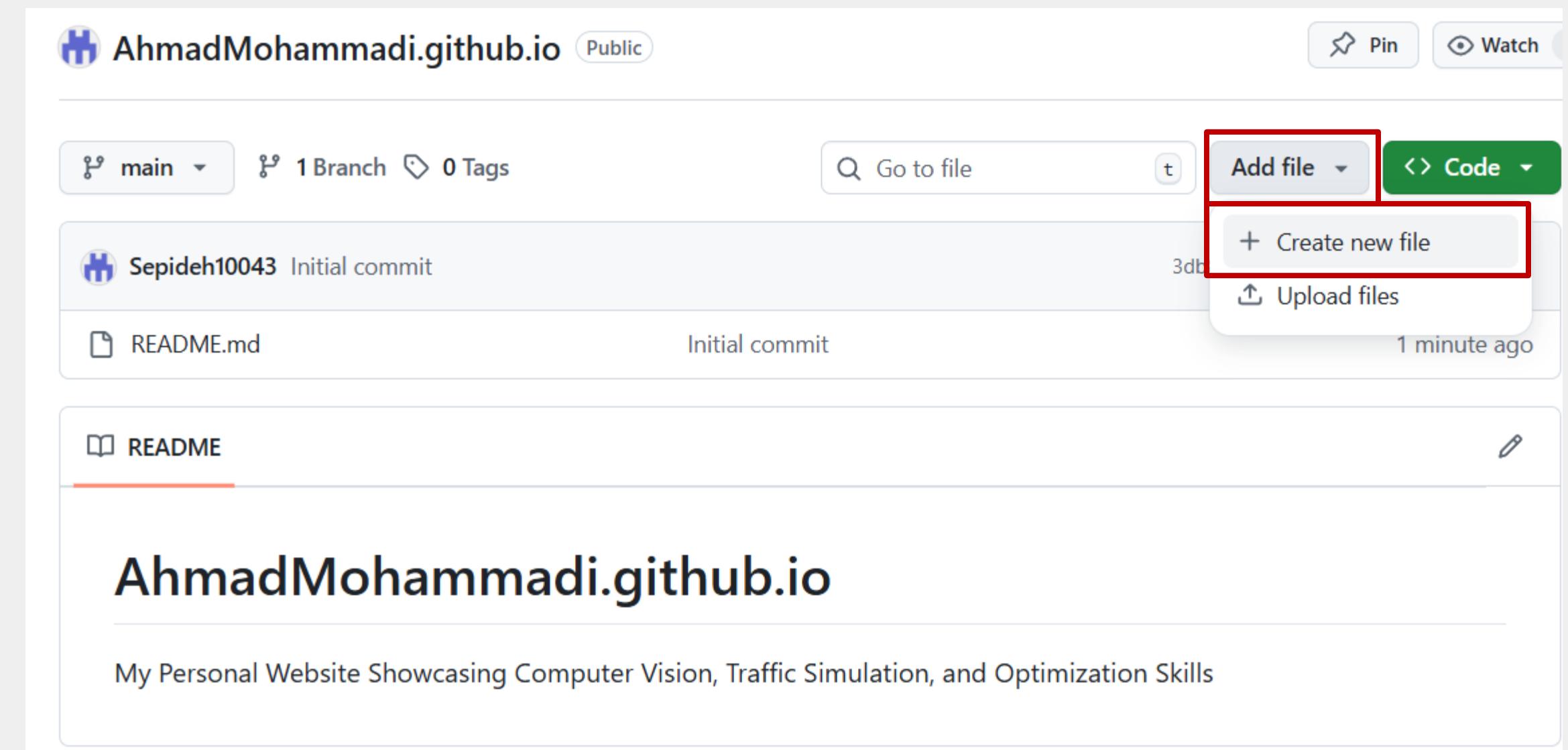


4. Copy and paste this code into the big text box

```
-----  
|<head>  
|<title>My Website</title>  
|</head>  
|<body>  
|<h1>Welcome to My Website</h1>  
|<p>This is my first website template.</p>  
|</body>  
|</html>  
-----
```

Create The Website Template

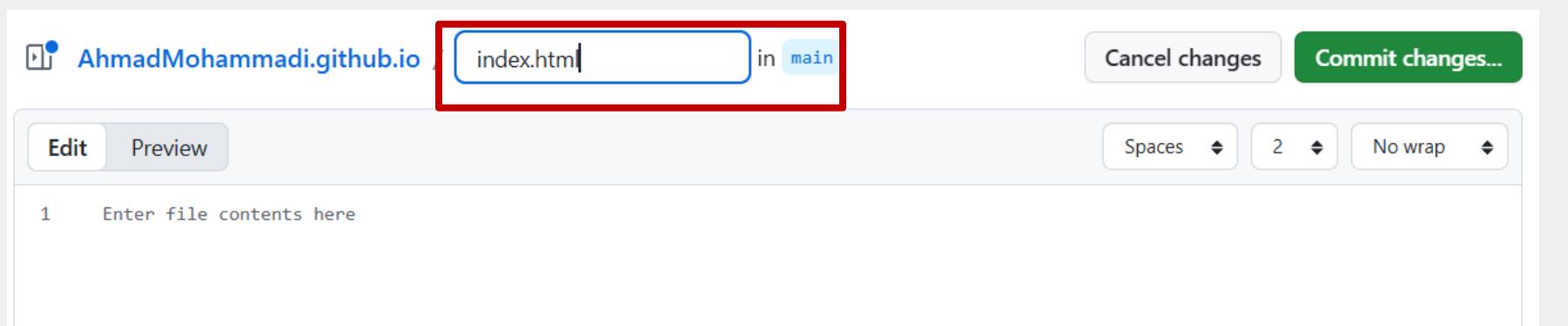
5. In the repo → Add File → Create new file



Create The Website Template

6. In File name:
Type “config.js”

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



```
const config = {  
    title: "My Website",  
    description: "A simple website template.",  
    author: "Ahmad Mohammadi",  
    theme: "dark",  
    footer: "Footer content goes here",  
    sidebar: "Sidebar content goes here",  
    header: "Header content goes here",  
    footerLinks: ["Link 1", "Link 2", "Link 3"],  
    sidebarLinks: ["Link 1", "Link 2", "Link 3"],  
    headerLinks: ["Link 1", "Link 2", "Link 3"],  
    footerSocial: ["Facebook", "Twitter", "Instagram"],  
    footerEmail: "example@email.com",  
    footerPhone: "+1234567890",  
    footerAddress: "123 Main Street, Anytown USA",  
    footerCopyright: "Copyright © 2023 My Website. All rights reserved.",  
    footerPrivacy: "Privacy Policy",  
    footerTerms: "Terms of Service",  
    footerAbout: "About Us",  
    footerContact: "Contact Us",  
    footerFeedback: "Feedback",  
    footerHelp: "Help",  
    footerLogout: "Logout",  
    footerLanguage: "English",  
    footerCurrency: "USD",  
    footerCart: "Cart",  
    footerSearch: "Search",  
    footerCartCount: 0, // Set to 0 or any value you prefer  
};
```

Publish the Website

The screenshot shows a GitHub repository page for `AhmadMohammadi.github.io`. The top navigation bar includes links for Code, Issues, Pull requests, Actions, Projects, Wiki, Security, Insights, and Settings, with the Settings link highlighted by a red box. Below the navigation is a search bar with 'Go to file' and a dropdown for 'Add file'. The main content area displays a commit from Sepideh10043 titled 'Create index.html' made 2 minutes ago. A table lists files with their last commit details:

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

Below the table, a preview of the website shows the title 'AhmadMohammadi.github.io' and the subtitle 'My Personal Website Showcasing Computer Vision, Traffic Simulation, and Optimization Skills'.

Publish the Website

The screenshot shows the GitHub repository settings page for a project named "General". The left sidebar lists various repository management sections: Access, Collaborators, Moderation options, Code and automation (Branches, Tags, Rules, Actions), Models (with a Preview button), Webhooks, Copilot, Environments, Codespaces, and Pages. The "Pages" section is highlighted with a red box at the bottom of the sidebar.

The main content area is titled "Build and deployment" under the "Source" heading. It features a dropdown menu labeled "Deploy from a branch" which is also highlighted with a red box. Below this is a "Branch" section with the message: "GitHub Pages is currently disabled. Select a source below to enable GitHub Pages for this repository." A link "Learn more about configuring the publishing source for your site." is provided. At the bottom of this section are two buttons: "None" and "Save", both of which are highlighted with red boxes.

A modal window titled "Select branch" is displayed over the main content. It contains a search bar with the placeholder "Search" and a list of branches. The "main" branch is selected and highlighted with a red box. There is also an option "None" with a checked checkbox, also highlighted with a red box.

Publish the Website

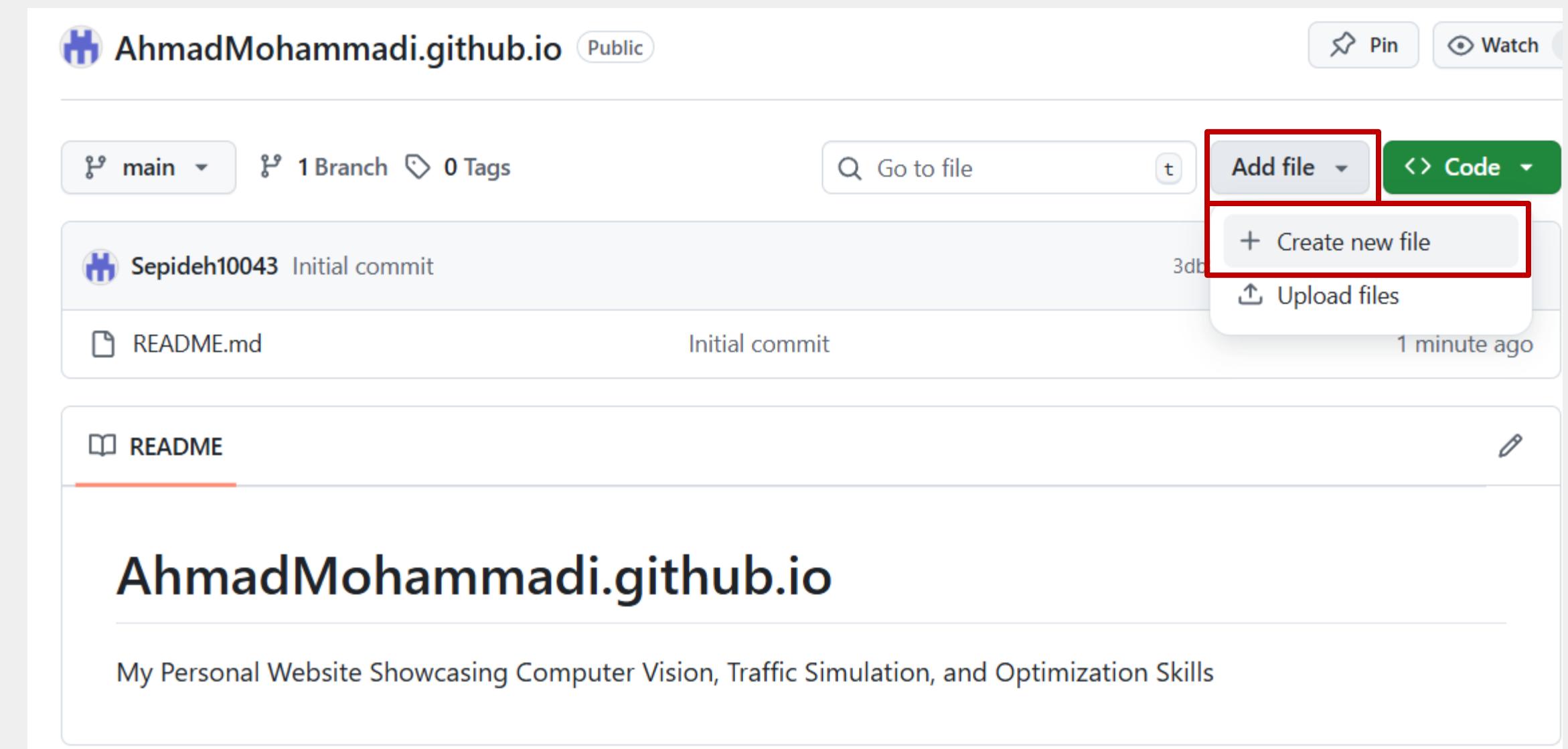
- Open FirstNameLastName.github.io
- Congrats you have now a website domain with your name → Now, you can start modifying it

Add your project files (Videos, images, data)

1. Go to your repo main page:

<https://github.com/FirstnameLastName/FirstnameLastName.github.io>

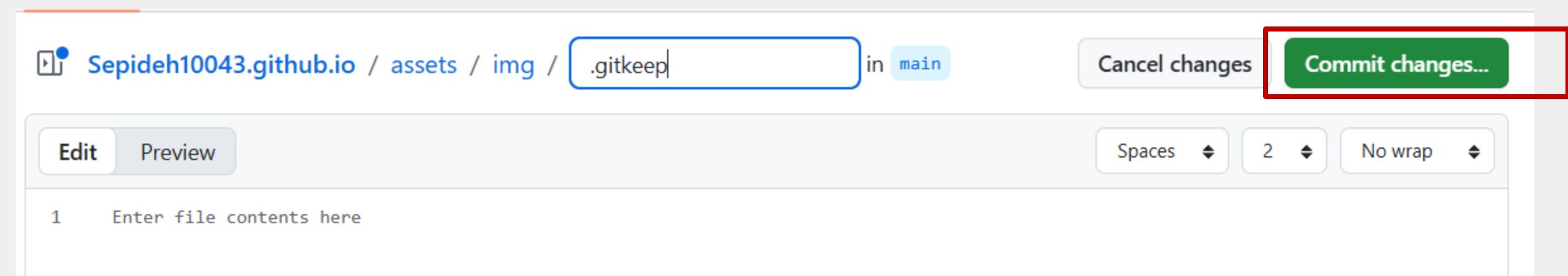
2. Add File → Create new File



Add your project files (Videos, images, data)

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

Assets/img/.gitkeep



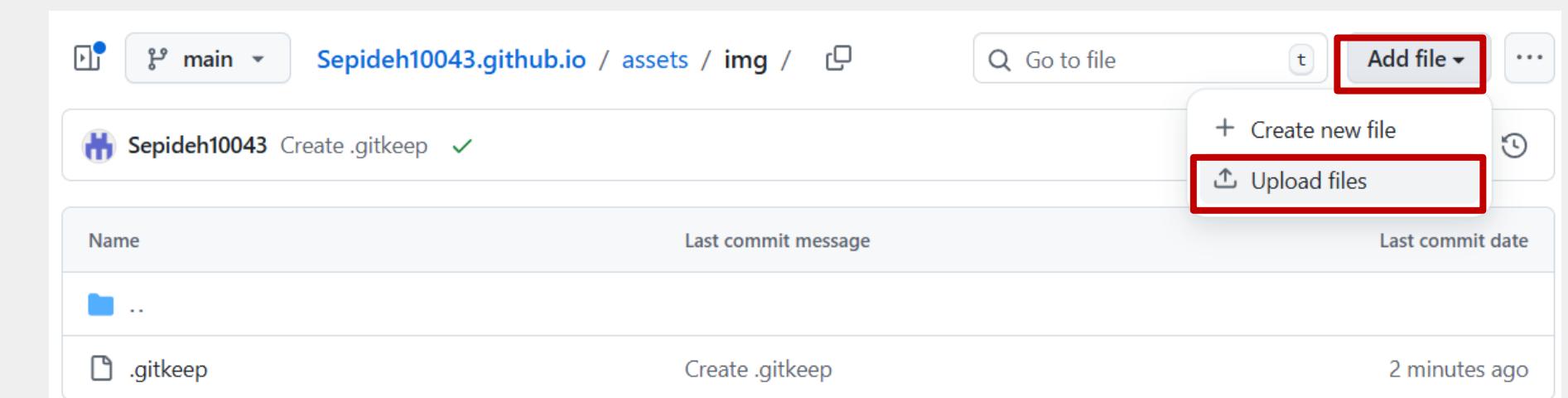
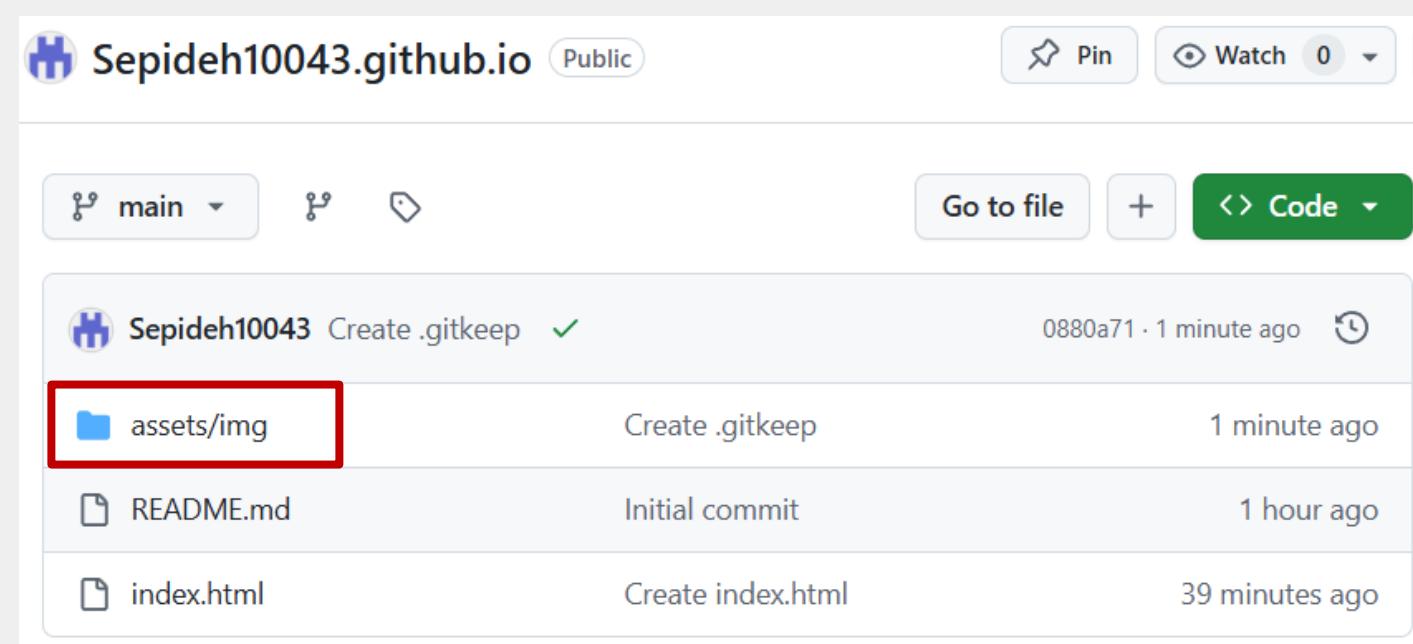
Add your project files (Videos, images, data)

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

5. Click Add files → Upload Foles

6. Drag and Drop your images into Upload folder

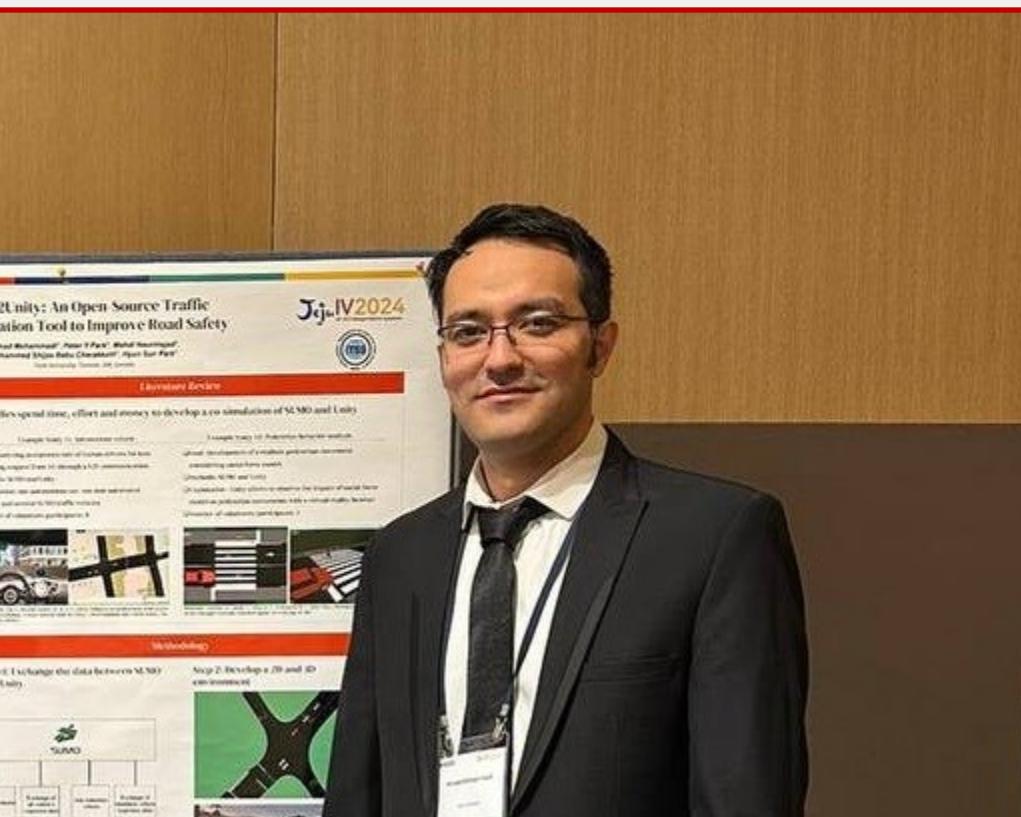
7. Hit Commit



Add your project files (Videos, images, data)

8. Replace Image1.jpg with the image you prefer

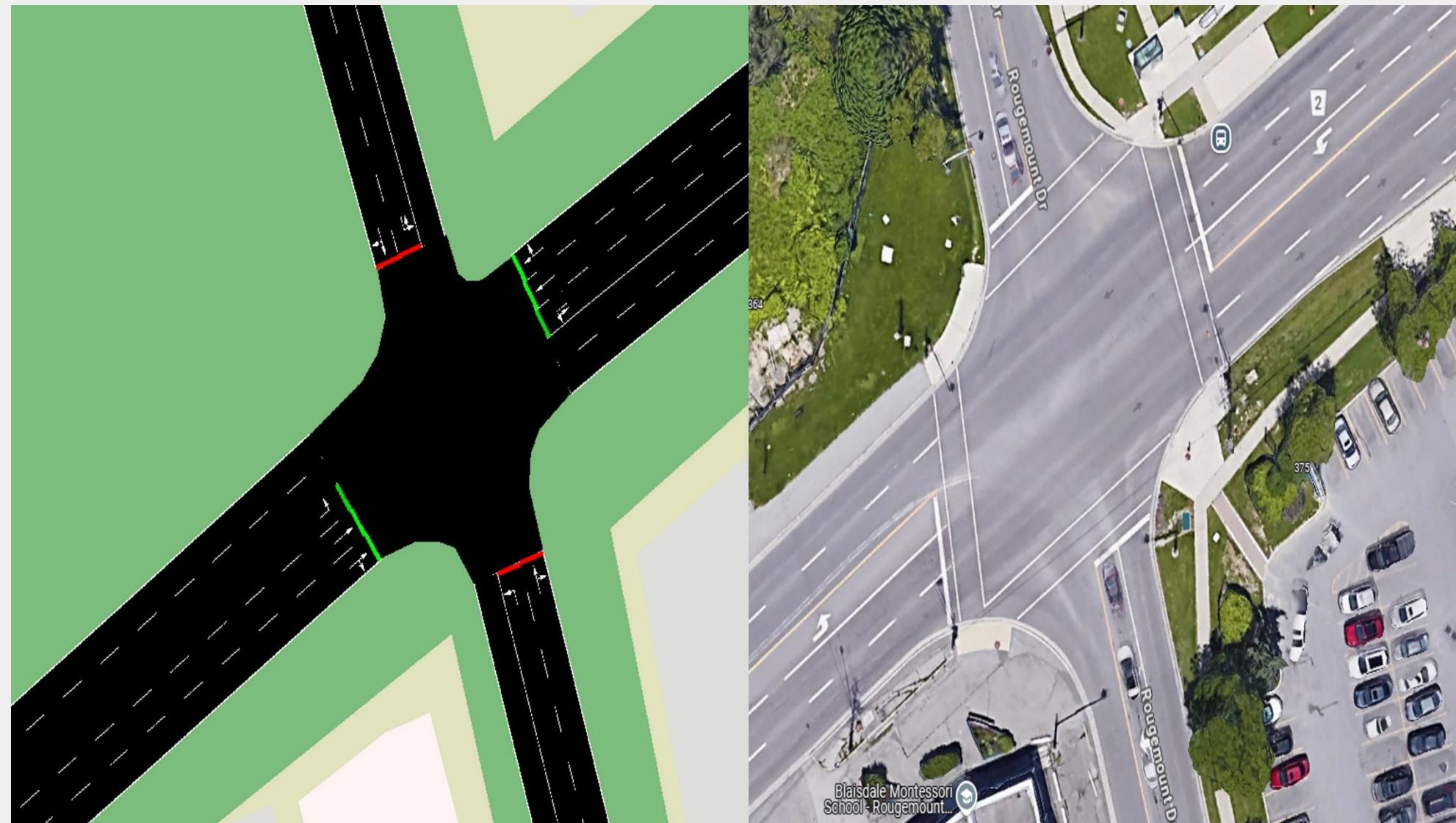
Image1.jpg



Add your project files (Videos, images, data)

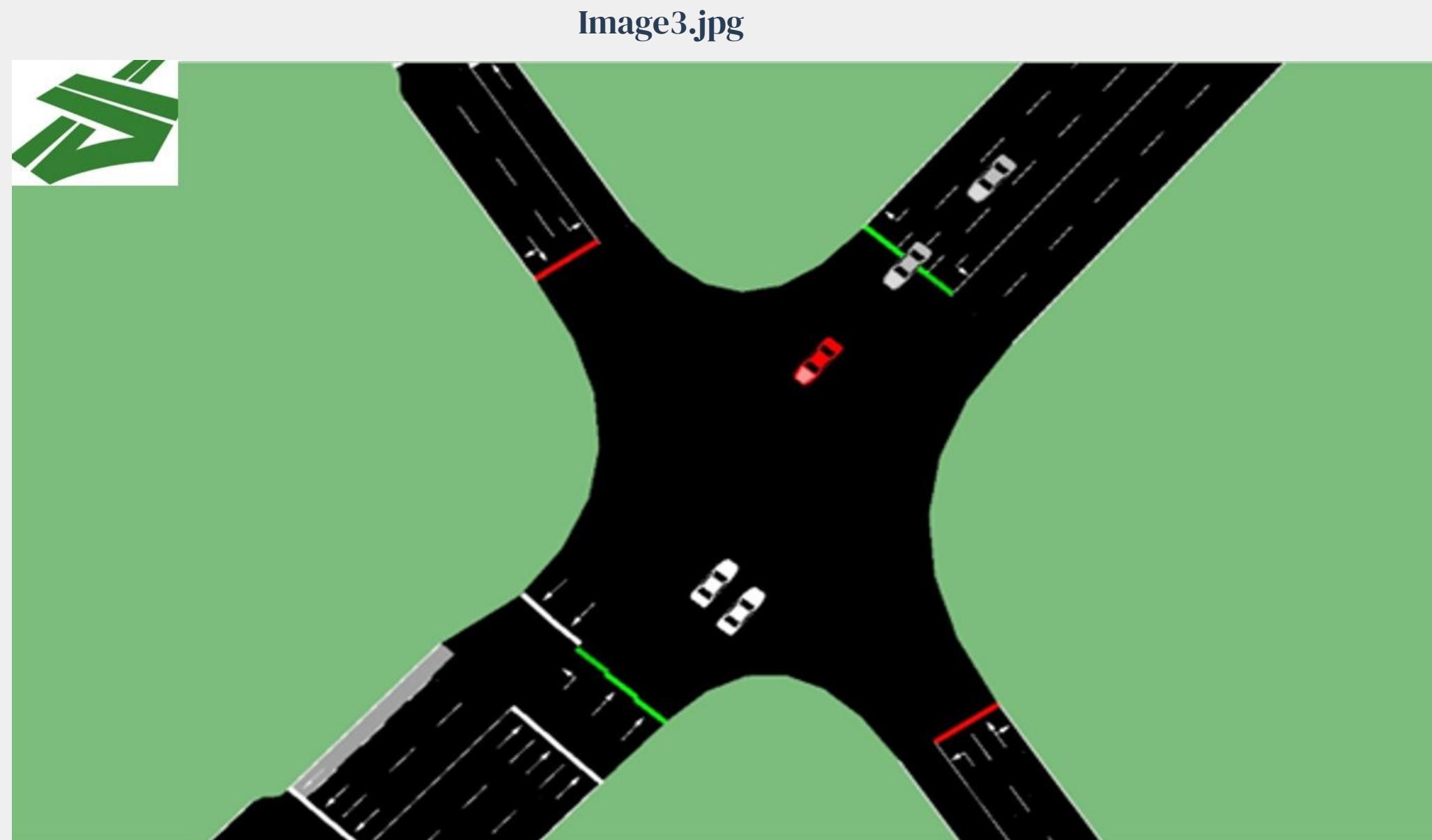
9. Replace Image2.jpg with your project images

Image2.jpg



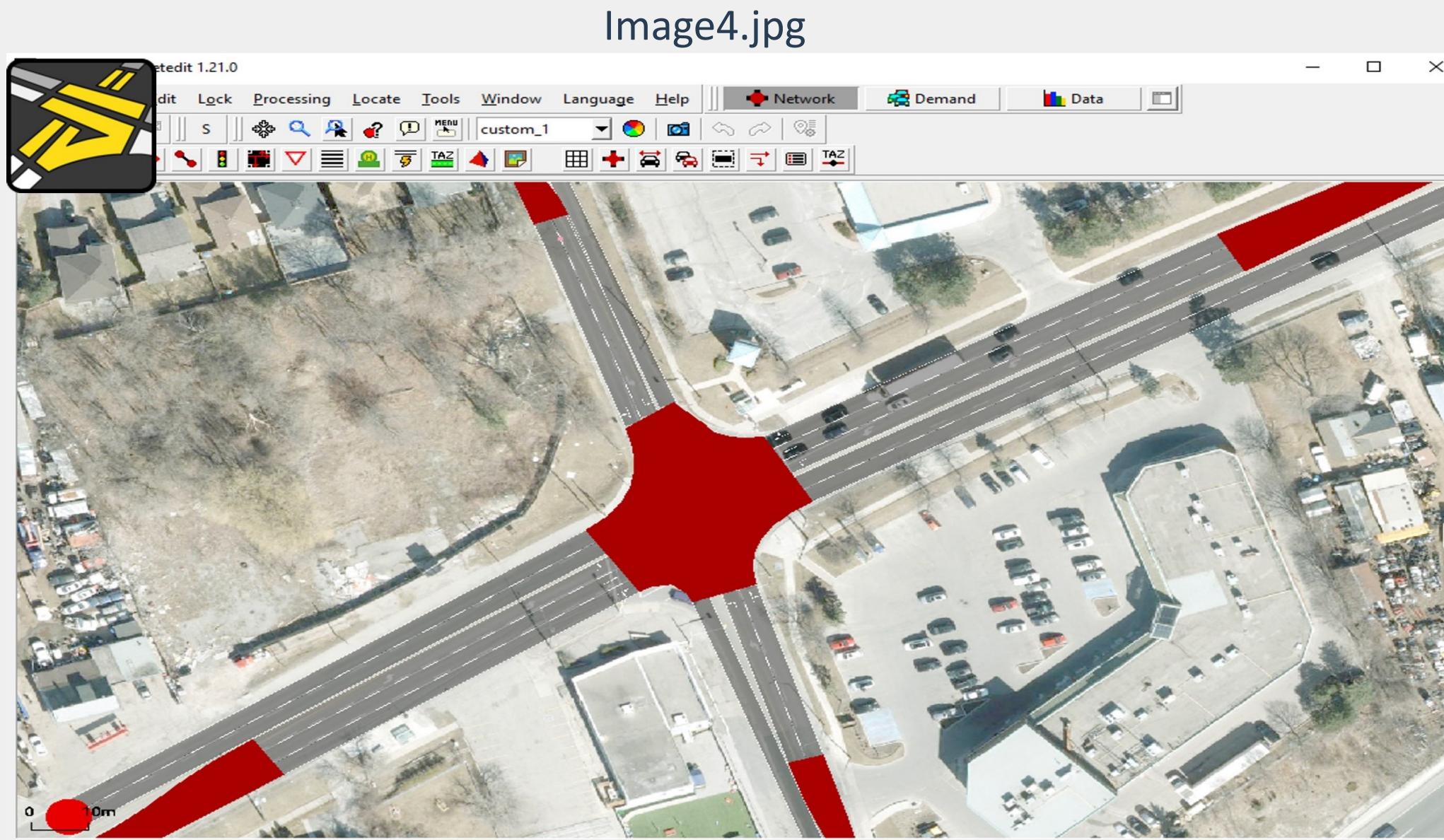
Add your project files (Videos, images, data)

10. Replace Image3.jpg with your project images



Add your project files (Videos, images, data)

11. Replace Image4.jpg with your project images



Add your project files (Videos, images, data)

12. Replace Image5.jpg with your project images

