**Reproducing Results for LULC Data Visualizer**

**Prerequisites:**

* Python installed on your machine (version 3.6 or higher).
* Git installed on your machine.

**Steps:**

1. **Clone the Repository:**
   * Open a terminal or command prompt.
   * Run the following command to clone the repository:

bash

git clone[repository\_url]l]

Replace **[repository\_url]** with the actual URL of your GitHub repository.

1. **Navigate to the Project Directory:**
   * Change your working directory to the cloned repository:

bash

cdLULC-Data-Visualizerr

1. **Install Dependencies:**
   * Install the required Python dependencies using:

bash

pip install -r requirements.txtt

1. **Download Dataset:**
   * Download the LULC dataset (Excel file) from the repository.
   * Place the Excel file in the project directory.
2. **Run the Flask Application:**
   * Execute the following command to run the Flask application:

bash

python app.pyy

This will start the Flask development server, and you should see output indicating that the server is running.

1. **Access the Web Application:**
   * Open a web browser and go to [http://localhost:5000](http://localhost:5000/).

**OR**

Open a folder either in desktop/documents (any other path is also suitable) and give a suitable name as your choice. 🡪 Copy the file app.py and requirements.txt in the same folder 🡪 Create a new folder named “templates” inside the working folder (directory) and copy-paste the index1.html file from the link provided above. 🡪 Inside the folder, open a terminal and install the required modules (libraries) for running the code from the requirements.txt file 🡪 in the same terminal type :  **python app.py**