## Real time World Population visualization

This real time world visualization application was built using python programming language. The data was extracted from the worldbank.org API. This application extracts the entered country's population data from year 1980 to present year (latest data available) and store it into the CSV format and after that the saved data is presented into the visual format using line graph. The basic steps of the application are listed below:

## **Required libraries**

To run the application, make sure all the dependencies are installed correctly

-pip install -r requirements.txt

After all the libraries are installed run the application using following command:

-python main.py

Tkinter is used to make the GUI of the application. User have to input the country name using the Code of the country (for example "Nepal" as "NP" or "United States of America" as "USA") after clicking the start button the application scrape the data from the worldbank.org API and store it into the CSV file and the saved data is used for the visualization process.

## Screenshots of the UI

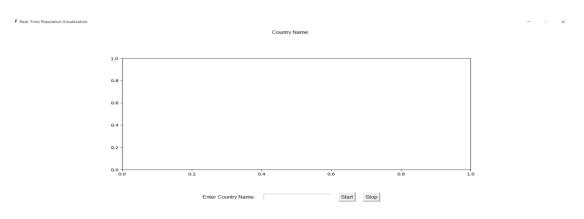


Figure 1: Landing page of the application

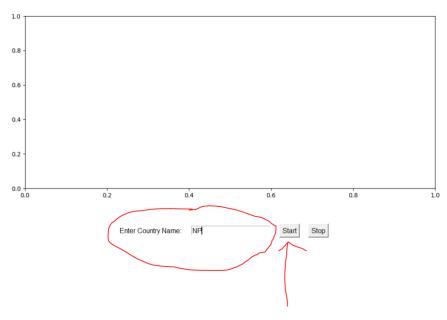


Figure 2: User enter the country code and press start

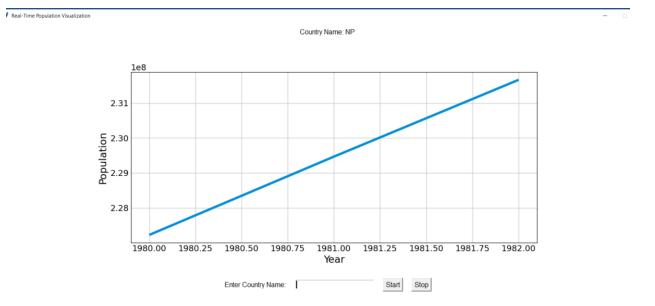


Figure 3: Visualization of the data entered by the user