
GENDER AND CLIMATE

TEAM: GLOBE GUARDIANS

TEAM MEMBERS:

DHARANI NEELAPURAM

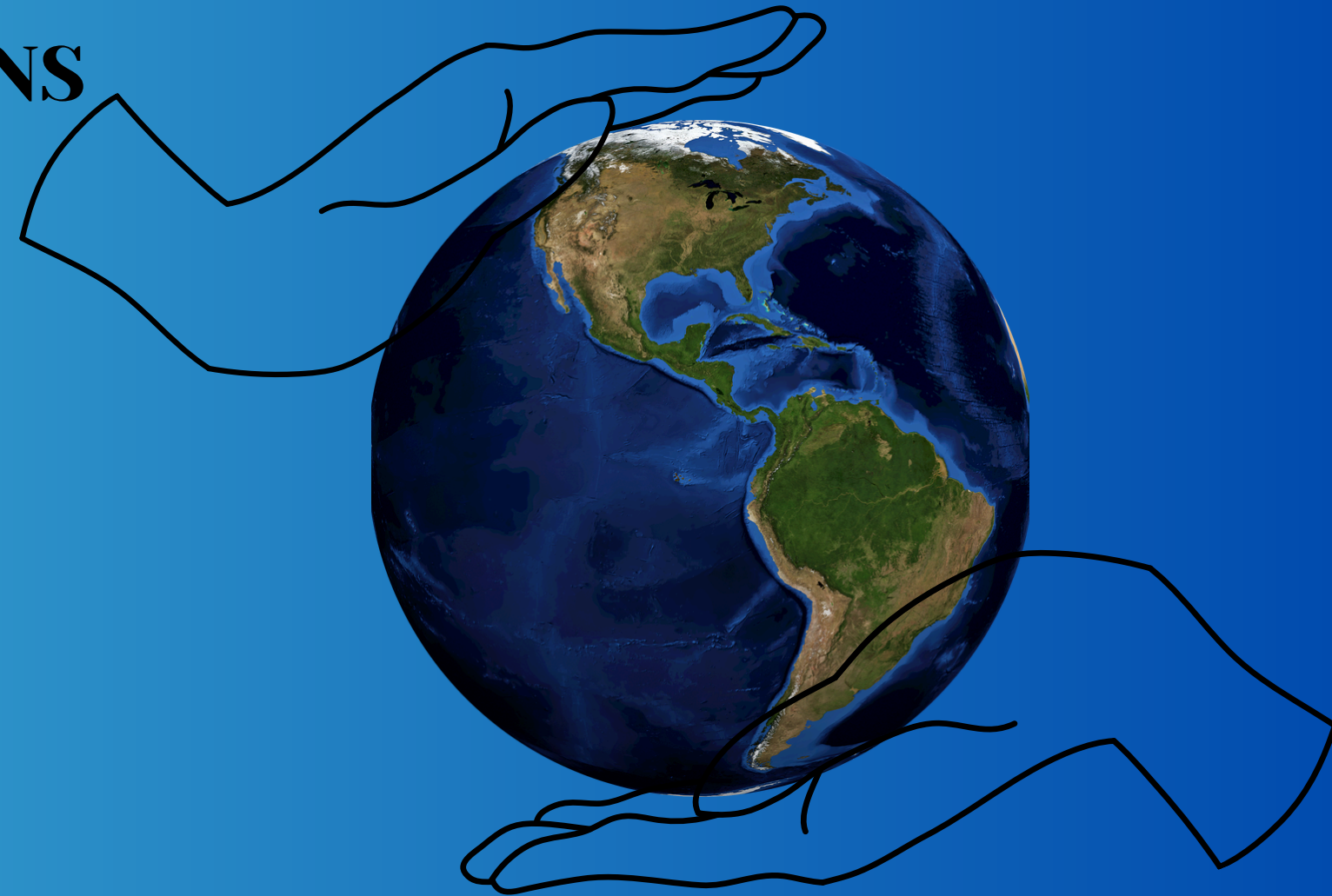
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SUNIL

SAI JASWANTH



PROBLEM STATEMENT

PROBLEM:

Climate change disproportionately affects marginalized groups ,especially women and girls ,who often lack equal access to resources,education and decisison making platforms.
These inequalities make them vulnerable to climate–related hazards.

Goal:

Add a little bit of body text

To empower women and marginalized communities by providing them with climate information,disaster alerts and AI driven solutions in an accessible and interactive way.

APPROACH

An AI model trained on interdisciplinary data to provide region specific and gender sensitive climate adaptation strategies.

AI chatbot:

An accessible chatbot providing real time climate data ,climate adaptation strategies with personalized advice.It supports input ensuring accessibility for women with low literacy.

VULNERABILITY INDEX:

This shows the country's overall risk level(e.g.,low,medium,high,very high)based on factors like climate exposure history,and socio-economic conditions.

- Education Access
- Health Access
- Safety Index

TECHNOLOGIES USED:

FRONTEND

HTML

CSS3

JAVASCRIPT

BACKEND

FLASK

DOCKER

JUPITER NOTEBOOK

AI CHATBOT

BOTPRESS

API'S&DATASETS

VISUALcROSSING.API

GENDER_HEALTH_CLIMATE.CSV

AI DRIVEN MODEL:

Health and Climate Registration Form

What is your height?

What is your weight?

BMI:

Do you currently have any chronic health conditions (e.g., diabetes, heart disease)?

>What is your current mental health condition?


Which region do you live in?


What is the average temperature in your region (if known)?


How would you describe the air quality where you live?

What is the current humidity level in your area (if known)?

AI CHATBOT:

 BHOOMI
The Bhoomi Chatbot empowers wom...


BHOOMI
The Bhoomi Chatbot empowers women and girls, regardless of literacy level, to access critical climate and sustainability data interactively. By providing real-time insights on climate hazards, eco-friendly practices, and personalized precautions, the chatbot helps users navigate environmental challenges.

 by Botpress

VULNERABILITY INDEX:

Climate Hazard Vulnerability Index

Select Country:

India

Select Hazard Type:

--Select Hazard Type--

Select Year:

2024

Submit

THANK YOU ..