Project Report Template

Unearthing The Environmental Impact Of Human Activity: A Global CO2 Emission Analysis

1.introduction

1.1 overview

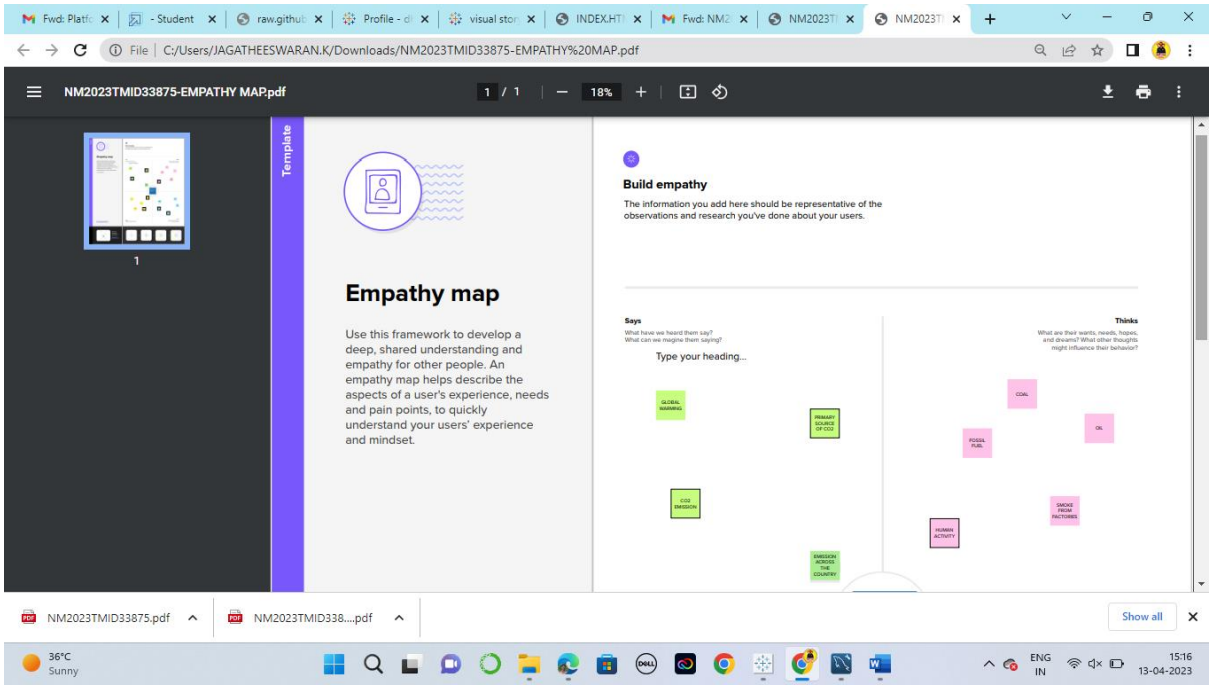
CO2 Emission refers to the Carbon Dioxide emitted throughout the world. For this analysis we will be focusing on CO2 Emissions and its effect on the world we live in as well as some key factors and stats that may play a role in the emission of CO2 globally

1.2 purpose

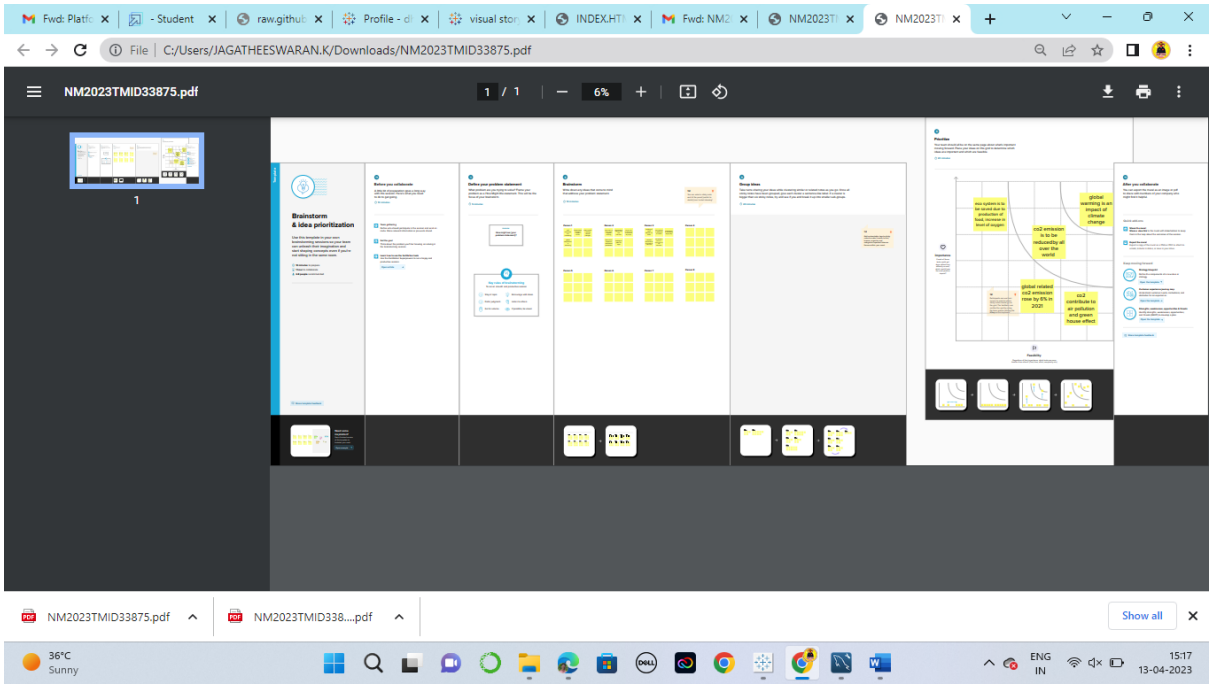
This project will help researchers and environment experts to predict global warming. So countries should set a goal to decrease this amount yearly.

2. problem definition & design thinking

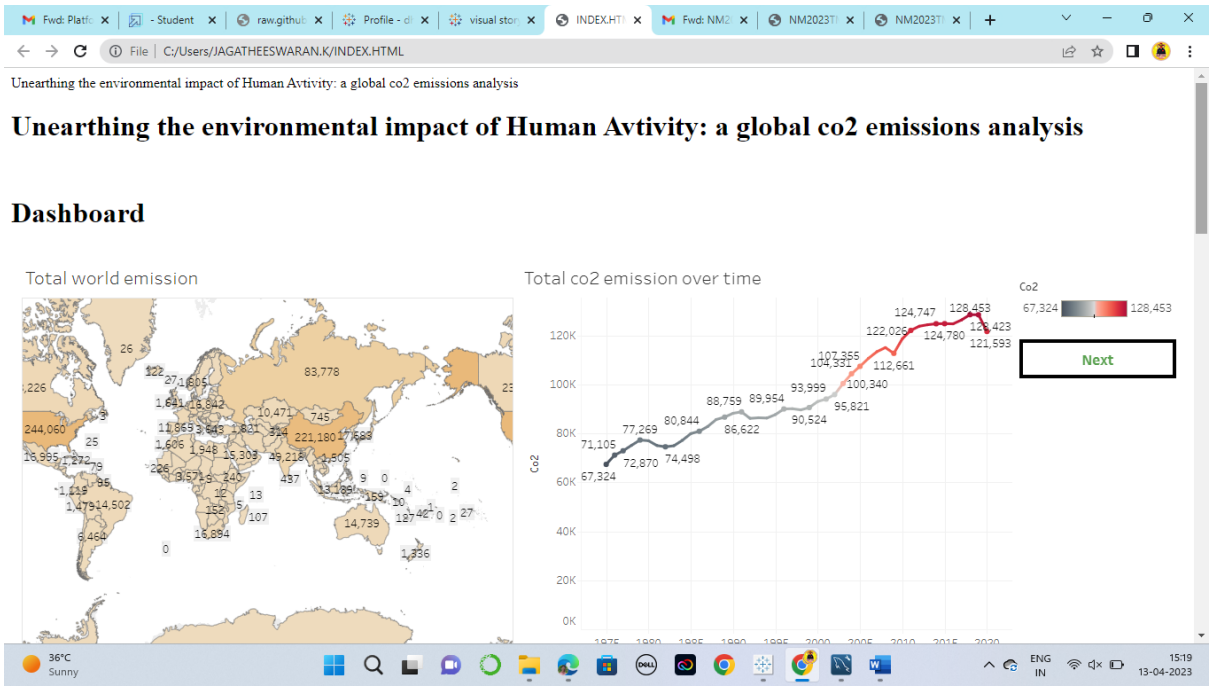
2.1 Empathy Map

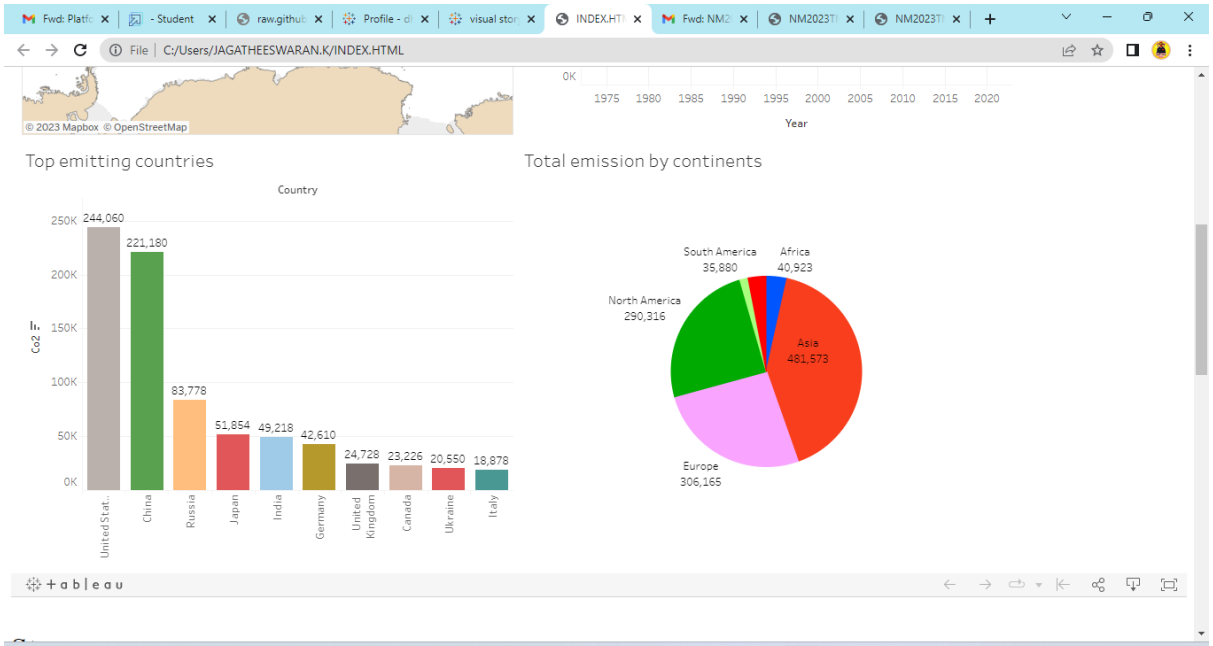


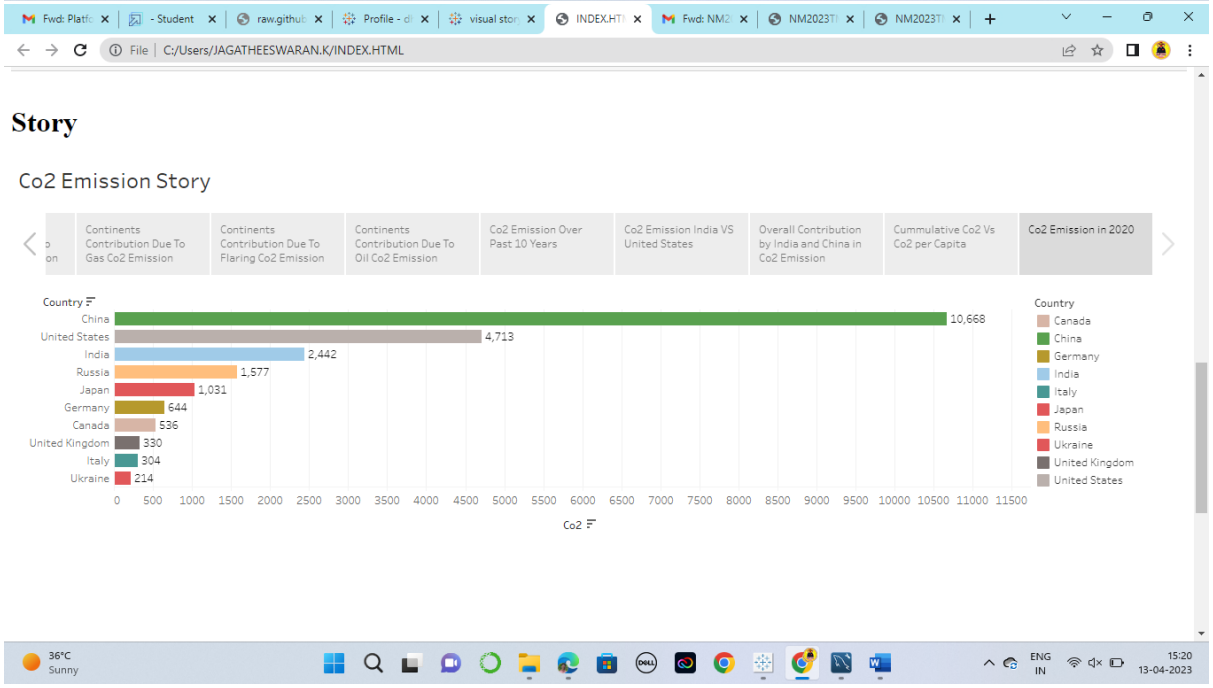
2.2 Ideation & brainstorming map


NM2023TMID33875.pdf
1 / 1
6%
Brainstorm
& idea prioritization
NM2023TMID33875.pdf
NM2023TMID338....pdf
Show all
36°C
Sunny
ENG
IN
15:17
13-04-2023

3.Result


File | C:/Users/JAGATHEESWARAN.K/INDEX.HTML
Unearthing the environmental impact of Human Avtivity: a global co2 emissions analysis
Unearthing the environmental impact of Human Avtivity: a global co2 emissions analysis
Dashboard
Total world emission
Total co2 emission over time
Co2
67,324
128,453
Next
120K
100K
80K
60K
40K
20K
0K
71,105
67,324
72,870
77,269
74,498
80,844
86,622
88,759
89,954
93,999
90,524
95,821
100,340
104,331
107,355
112,661
122,026
124,747
124,780
128,453
121,593
36°C
Sunny
ENG
IN
15:19
13-04-2023





Story

4. Advantages & Disadvantages

Advantage:

Carbon dioxide is an important greenhouse gas that helps to trap heat in our atmosphere. Without it, our planet would be inhospitably cold

Disadvantage: an increase in CO_2 concentrations in our atmosphere is causing average global temperatures to rise, disrupting other aspects of Earth's climate.

5.Applications

Greenhouse gas emissions can be reduced by making power on-site with renewables and other climate-friendly energy resources. Examples include rooftop solar panels, solar water

heating, small-scale wind generation, fuel cells powered by natural gas or renewable hydrogen, and geothermal energy.

6.Conclusion

The rising level of atmospheric CO2 could be the one global natural resource that is progressively increasing food production and total biological output, in a world of otherwise diminishing natural resources of land, water, energy, minerals, and fertilizer.

7.Future scope

The report finds that global growth in emissions was not as high as some had originally feared amid the disruptions caused by the global energy crisis. This latest release brings together the IEA's latest analysis, combining the Agency's estimates of CO2 emissions from all energy sources and industrial processes, as well as providing information on energy-related methane and nitrous oxide emissions.

8.Appendix

The procedures in this appendix may be used to estimate CO2 mass emissions discharged to the atmosphere (in tons/day) as the sum of CO2 emissions from combustion and, if applicable, CO2 emissions from sorbent used in a wet flue gas desulfurization control system, fluidized bed boiler, or other emission controls.