

UNEARTHING THE ENVIRONMENTAL IMPACT OF HUMAN ACTIVITY: A GLOBAL CO2 EMISSION ACTIVITY

1.INTRODUCTION

1.1 OVERVIEW

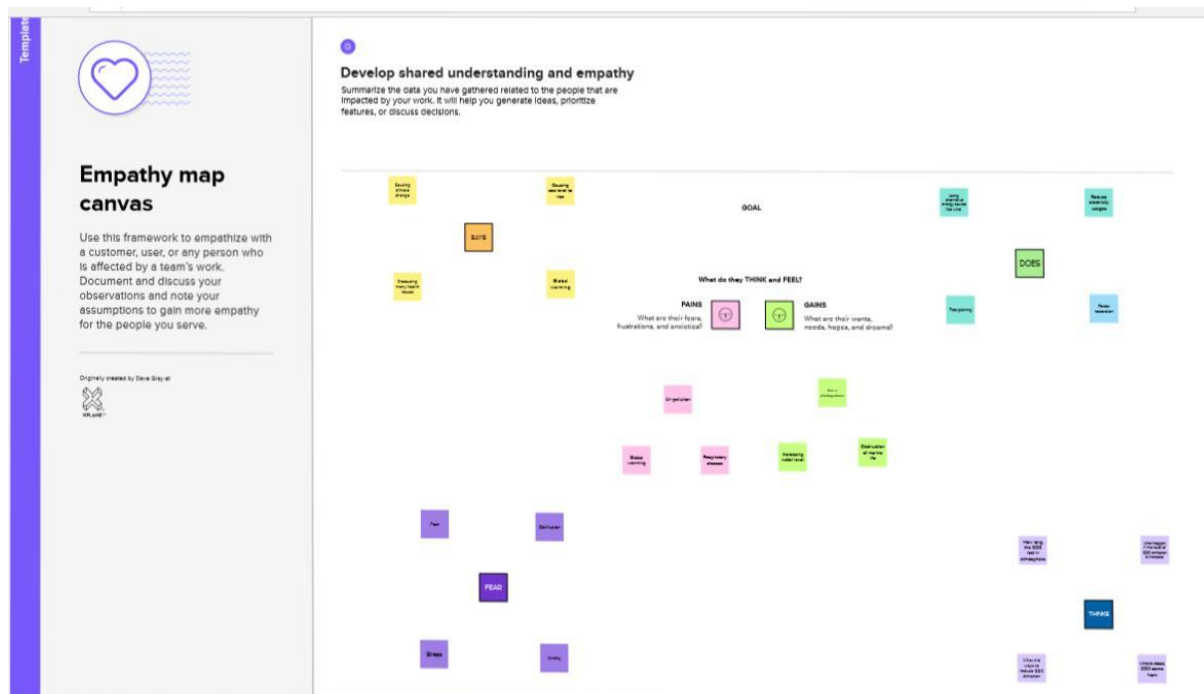
Global warming is one of the biggest challenges currently being faced by human race although correlation is not causation. Fossil fuel use is the primary source of CO2 emission . This will help researchers and environmental experts to predict global warming

1.2 PURPOSE

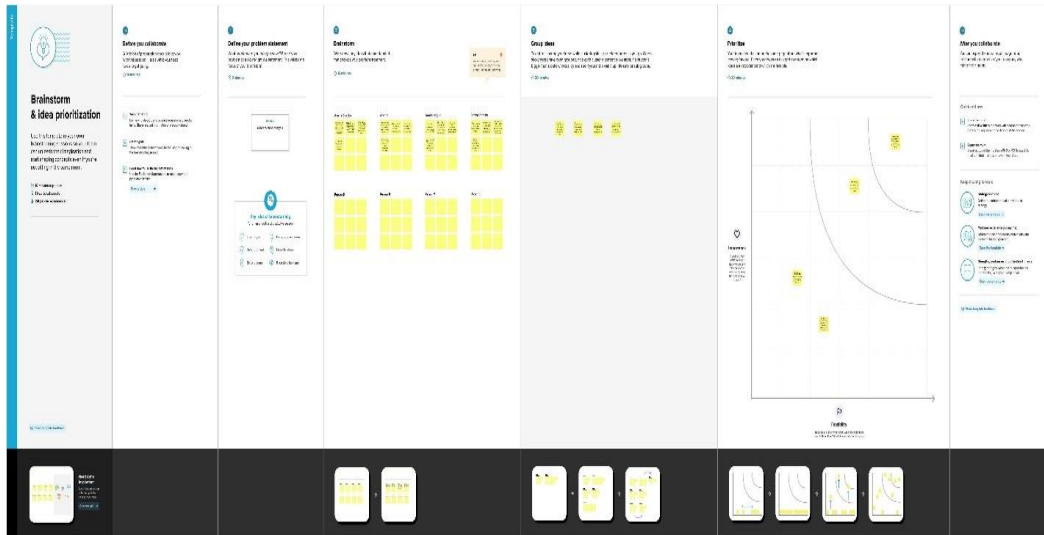
To analyse the Co2 emission of various countries and determining the steps to reduce CO2 emission in the atmosphere . Sequestration is an attractive option for reducing greenhouse gas emission and could even help to remove carbon dioxide from the atmosphere

2.PROBLEM DEFINITION & DESIGN THINKING

2.1.EMPATHY MAP



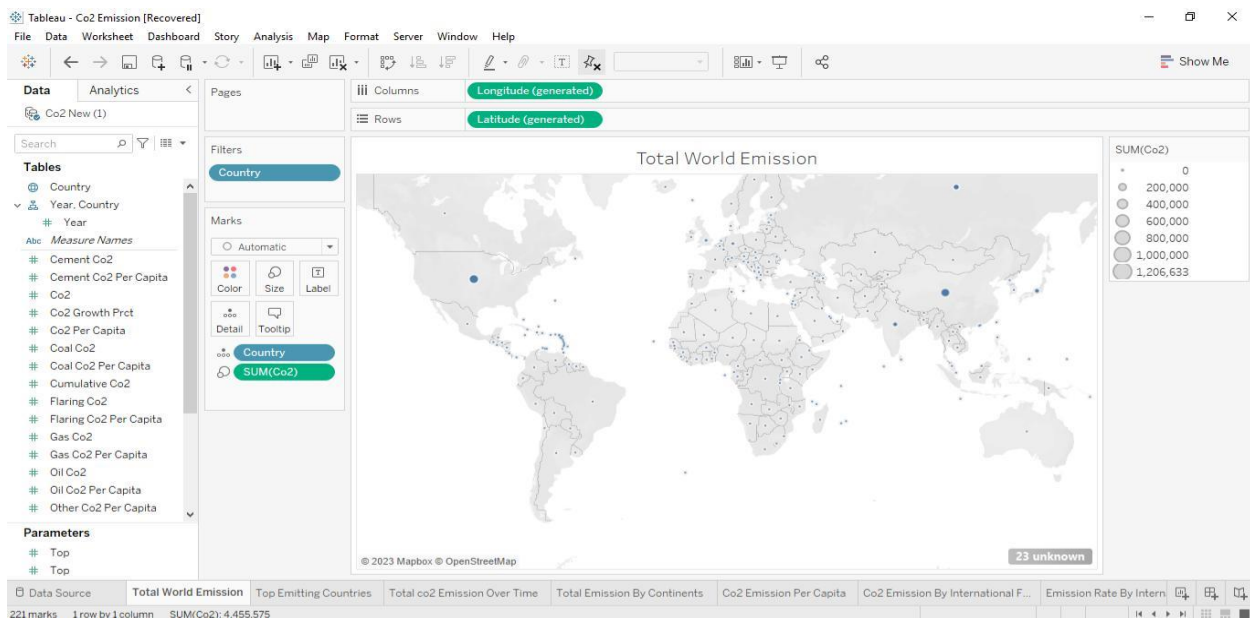
2.2 IDEATION & BRAINSTORMING MAP



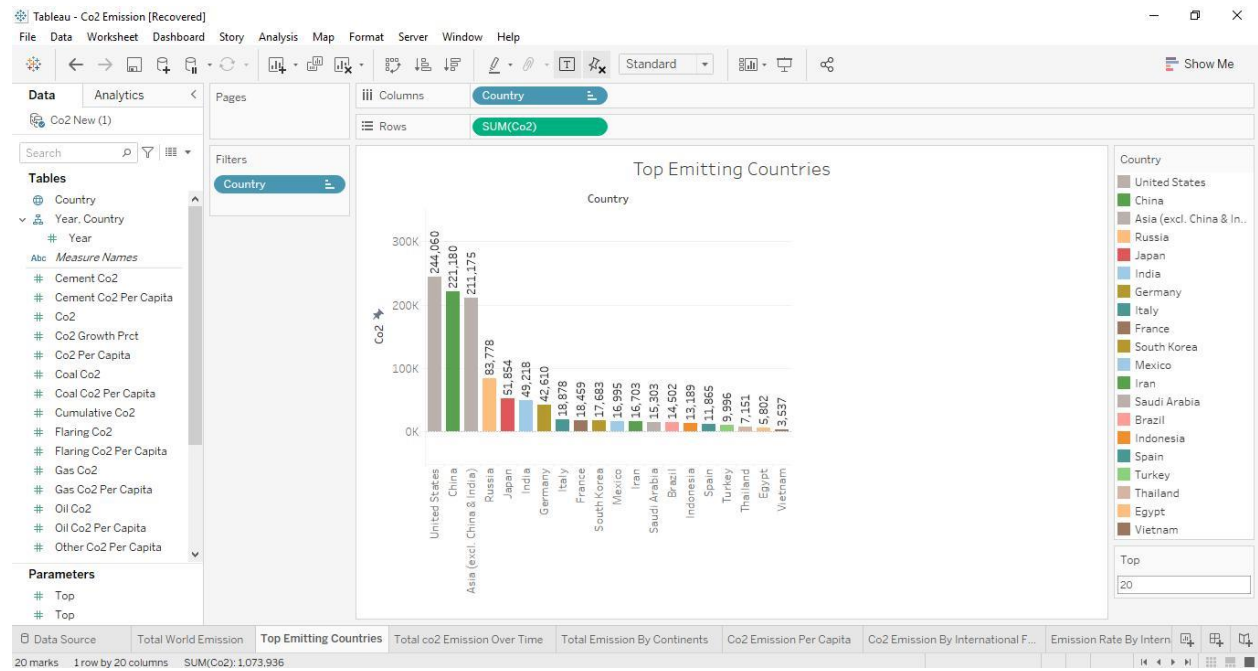
3.RESULTS

3.1 CHARTS

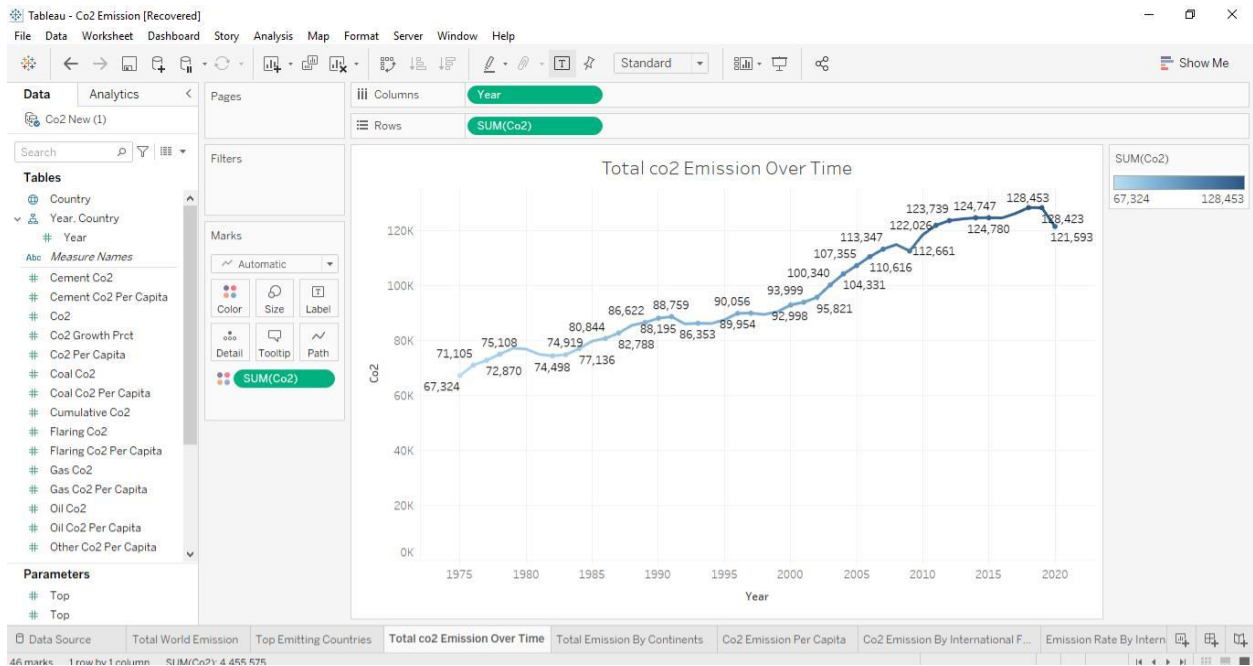
3.1.1 TOTAL WORLD EMISSION



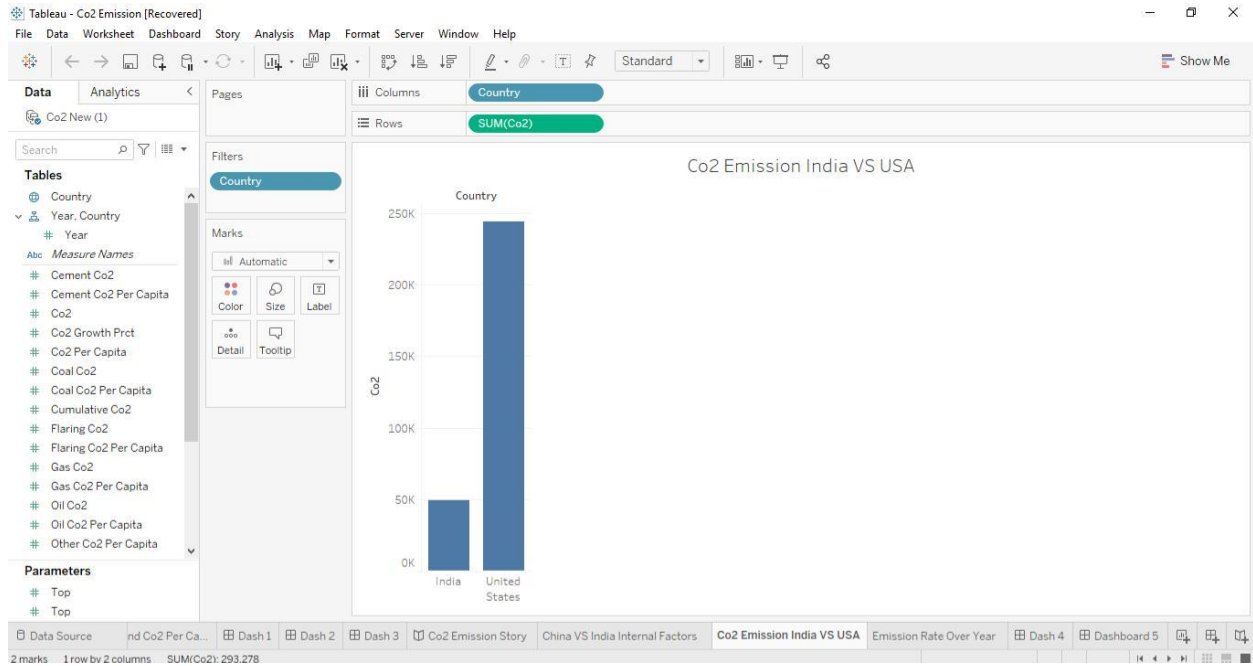
3.1.2 TOP EMITTING COUNTRIES



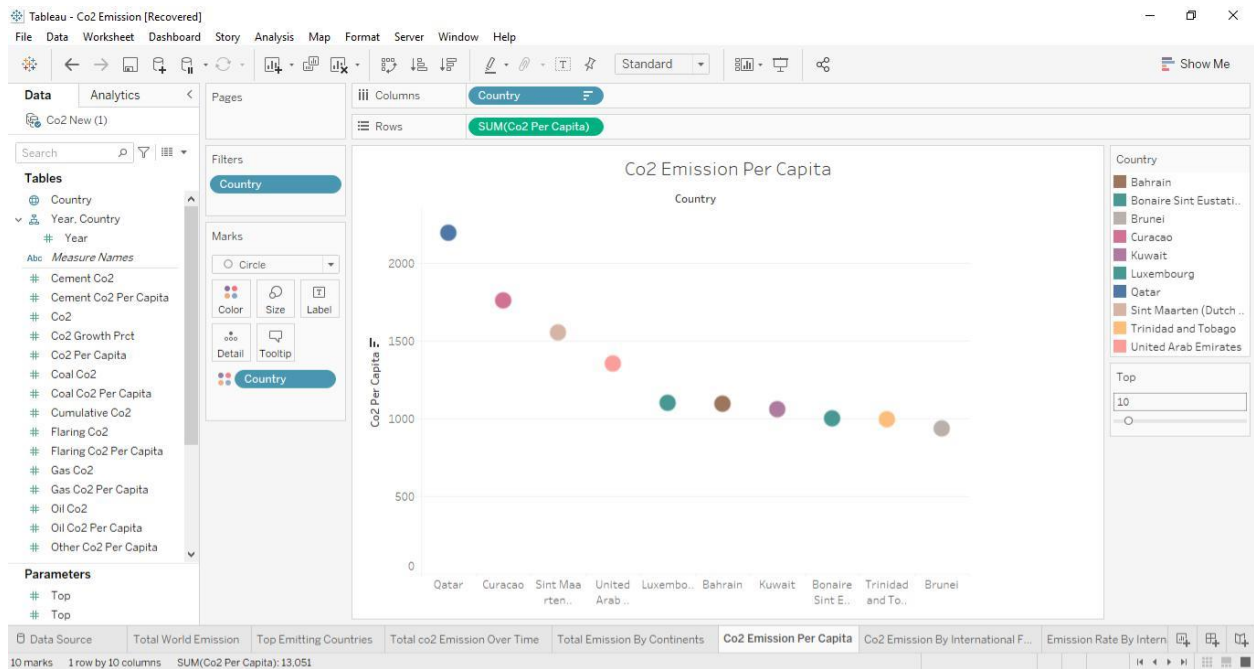
3.1.3 TOTAL CO2 EMISSION OVER TIME



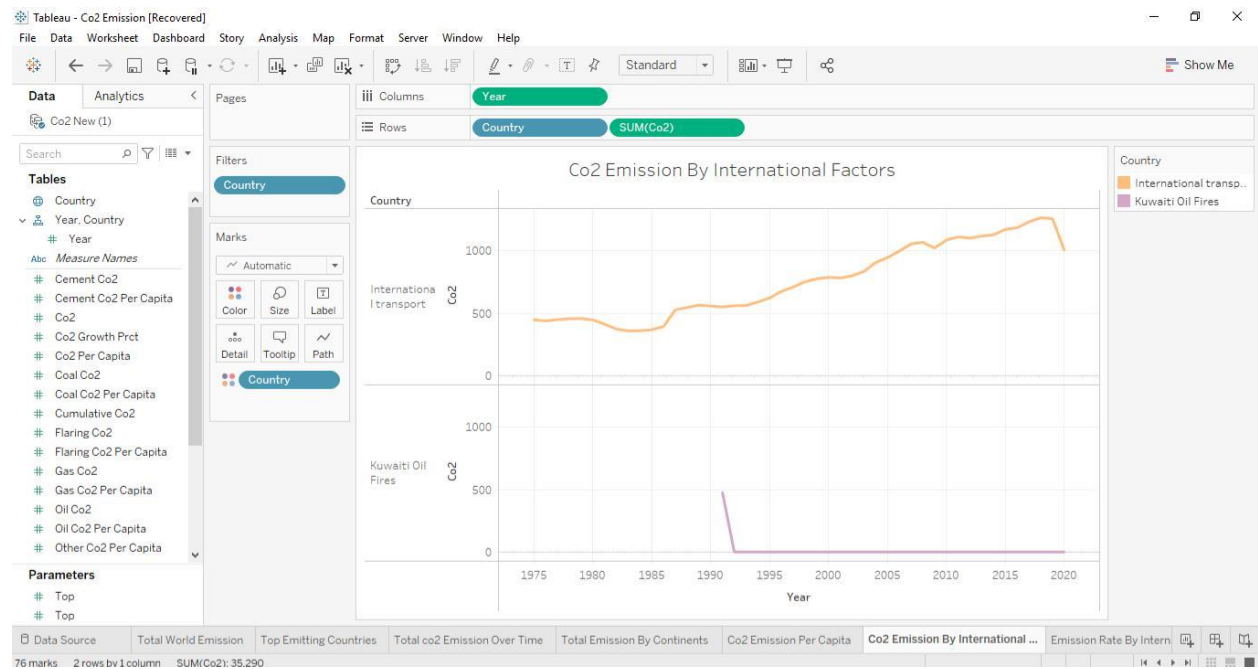
3.1.4 CO2 OMISSION INDIA VS USA



3.1.5 CO2 EMISSION PER CAPITA:

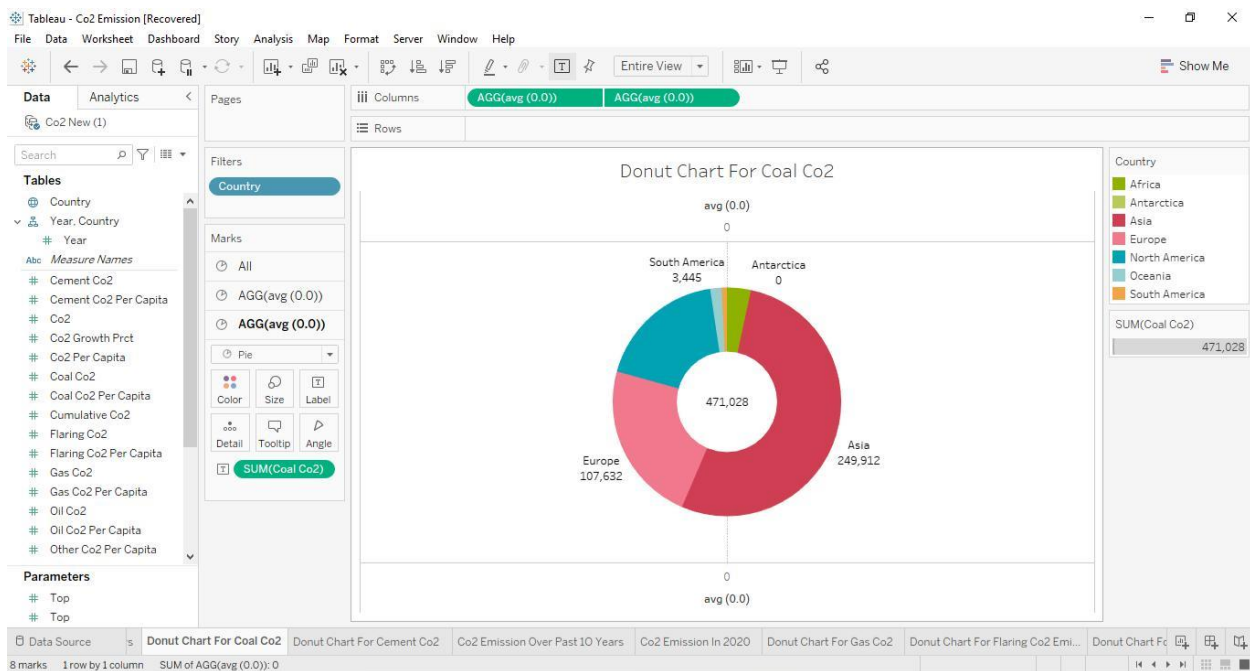


3.1.6 CO2 EMISSION BY INTERNATIONAL FACTORS:

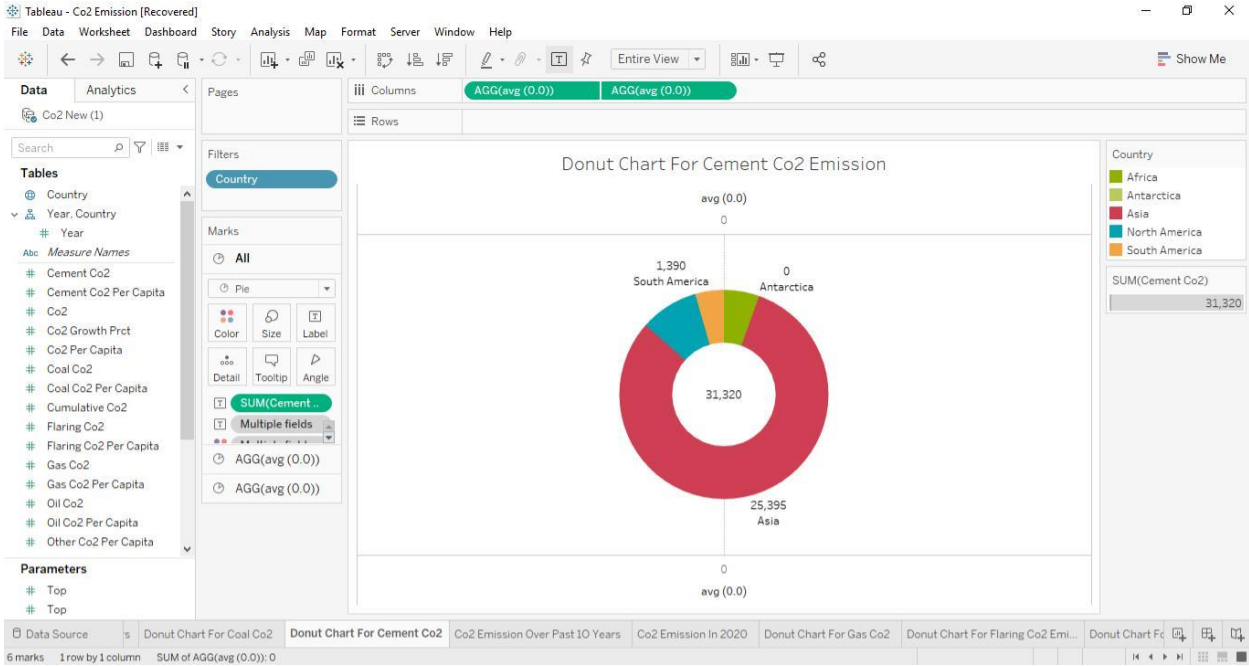


3.1.7. DONUT CHARTS:

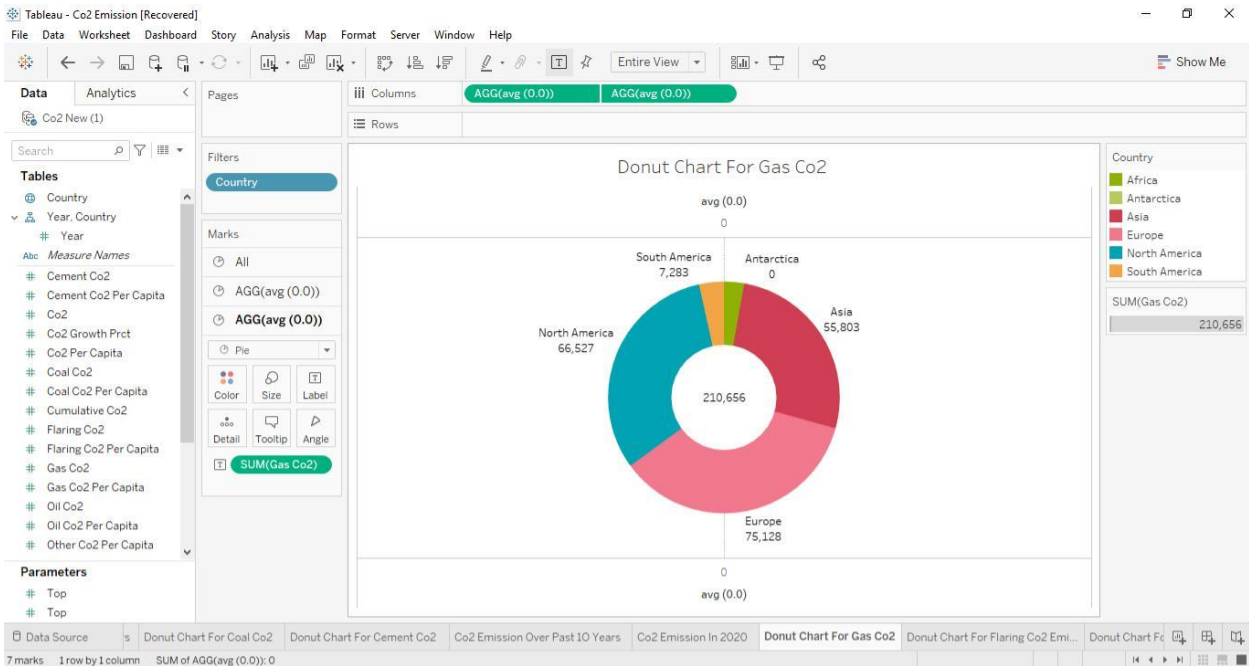
COAL CO2:



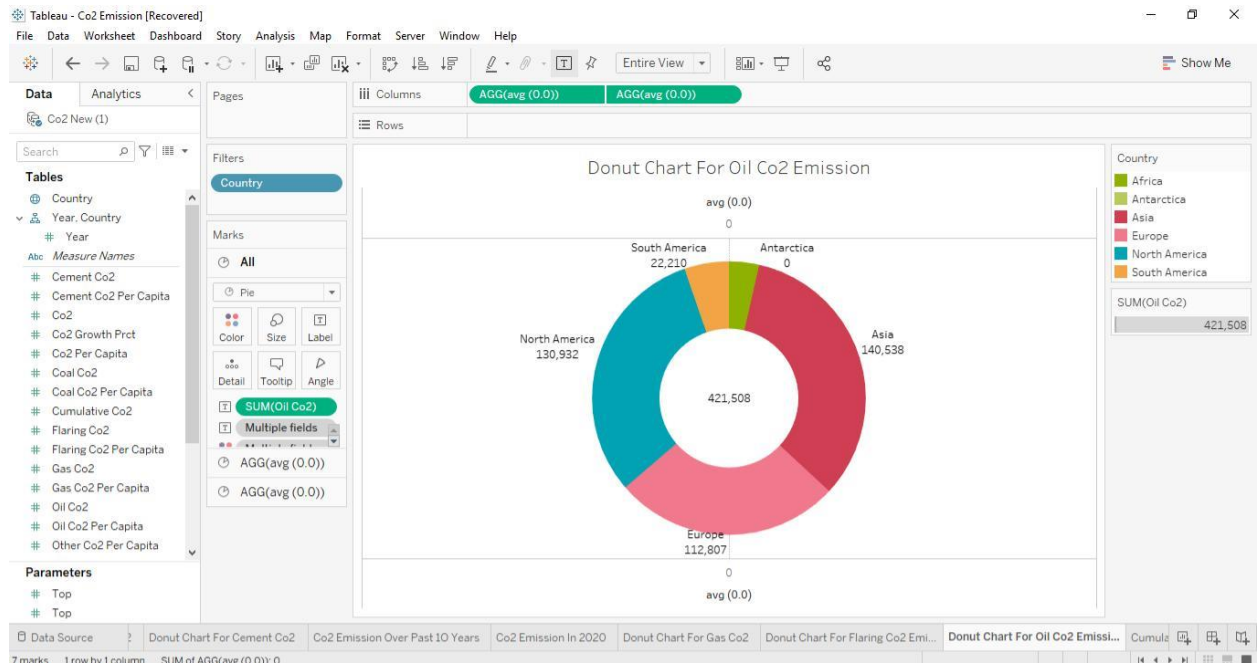
CEMENT CO2



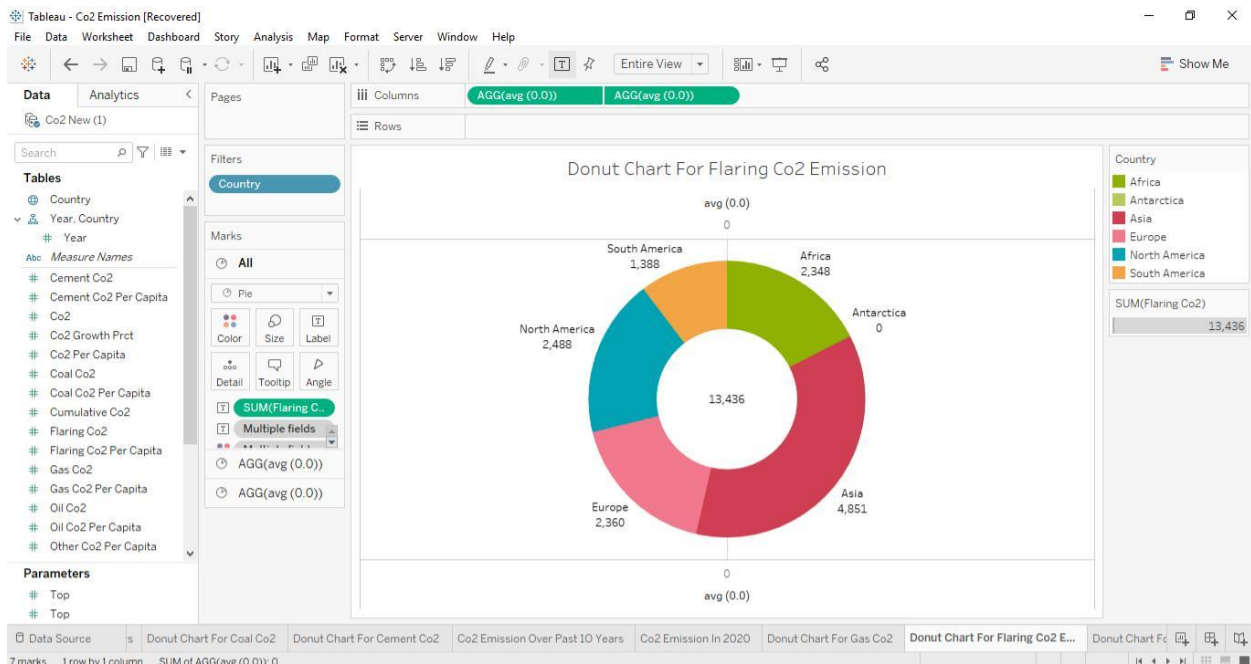
GAS CO2:



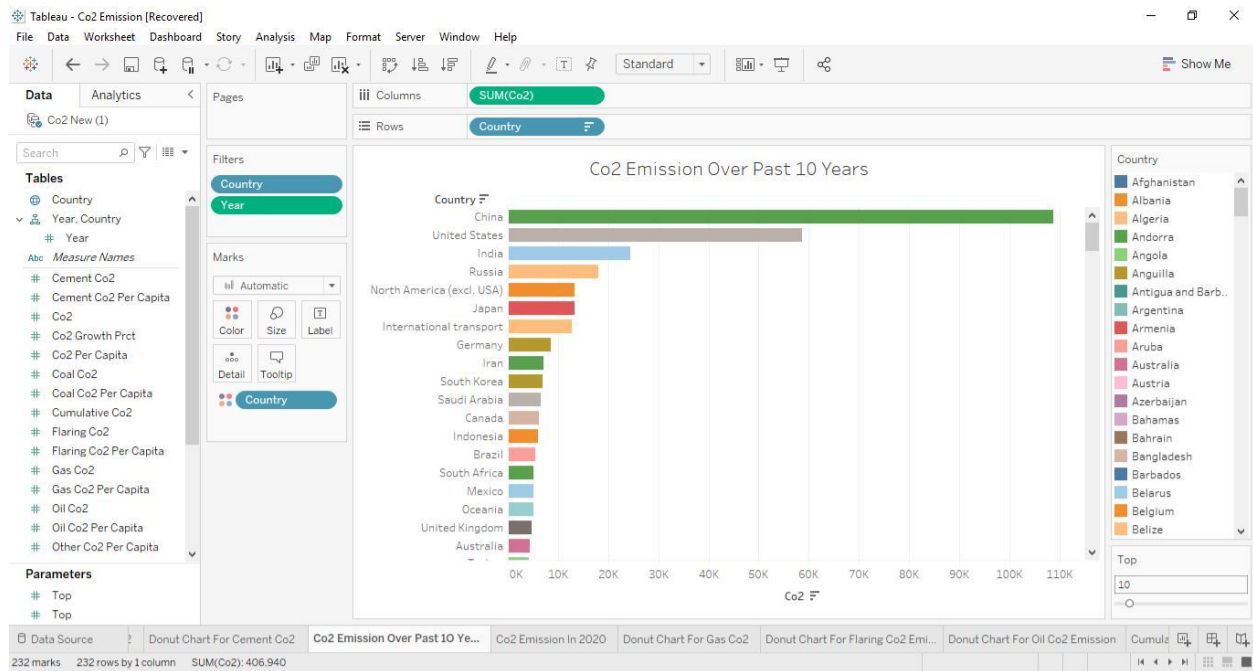
OIL CO2



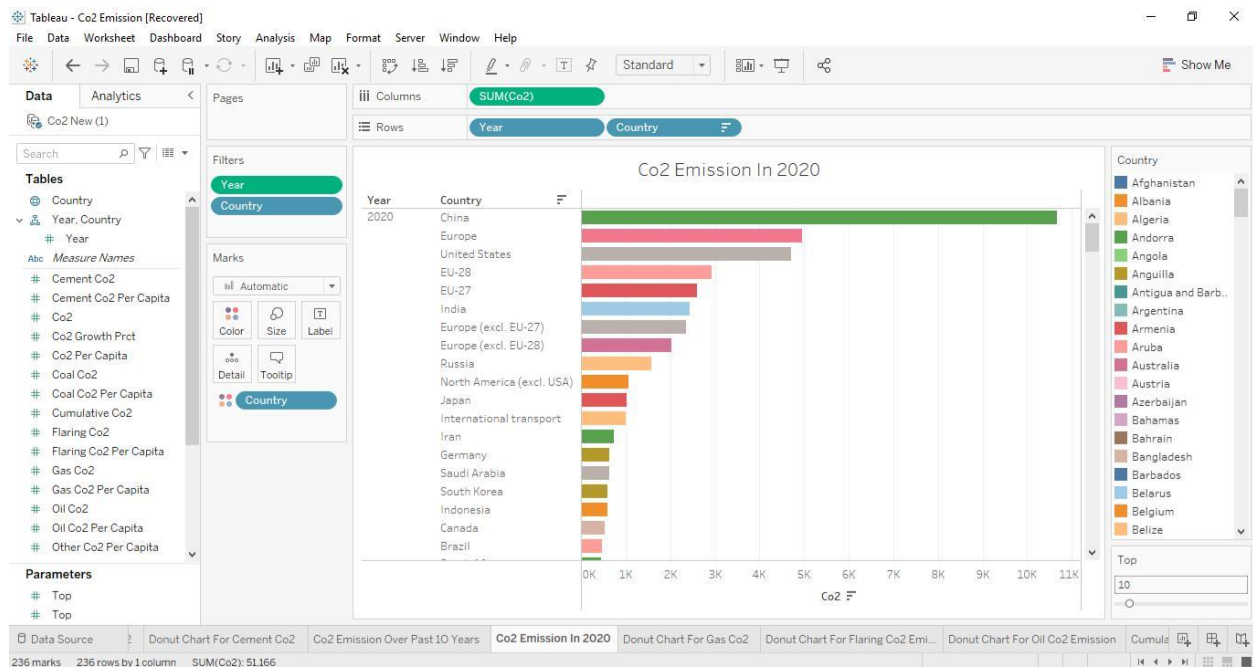
FLARING CO2



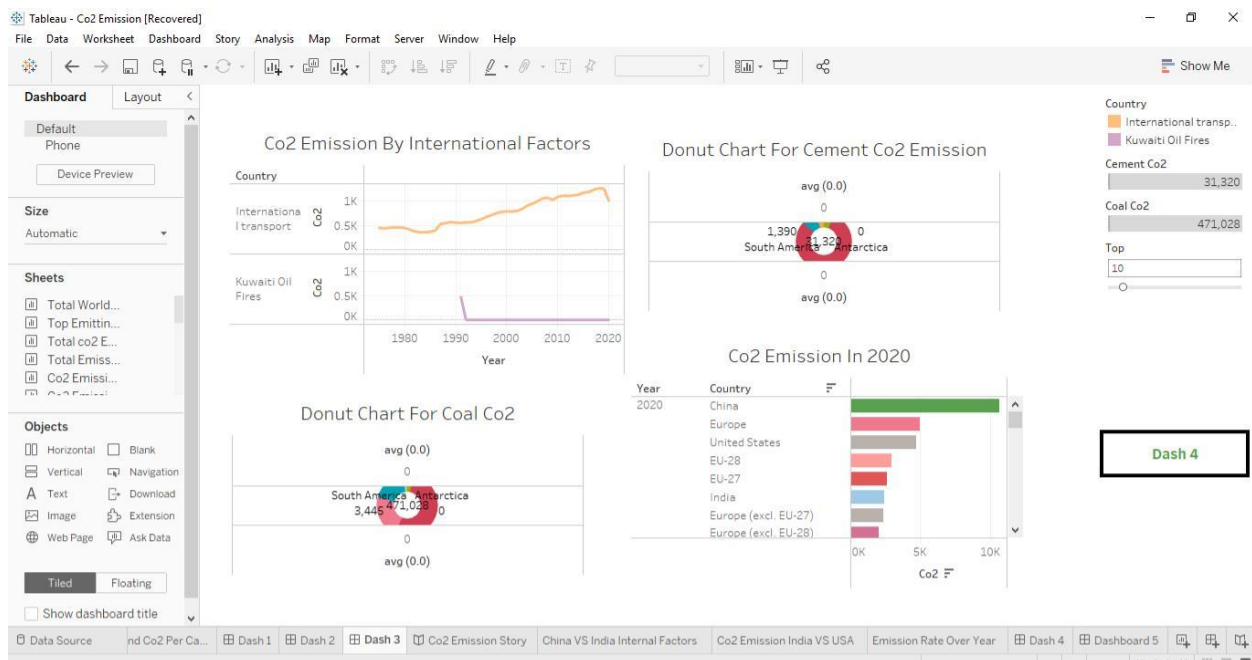
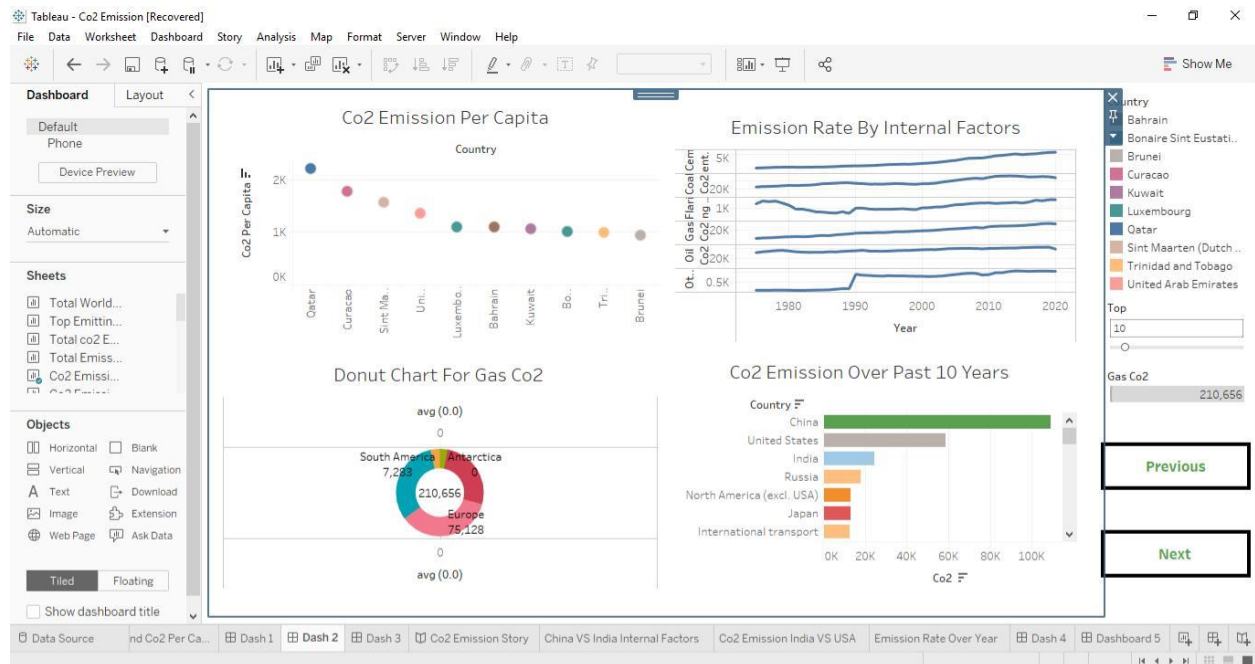
3.1.8 CO2 EMISSION OVER PAST 10 YEARS



3.1.9. CO2 EMISSION IN 2020

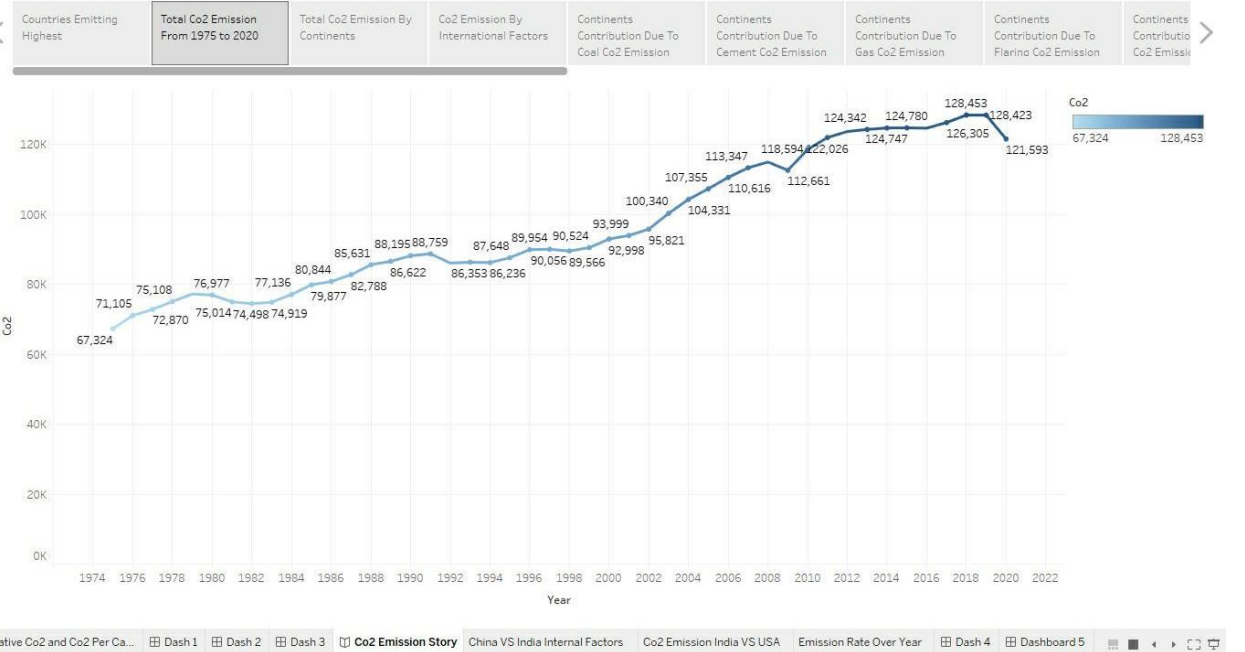
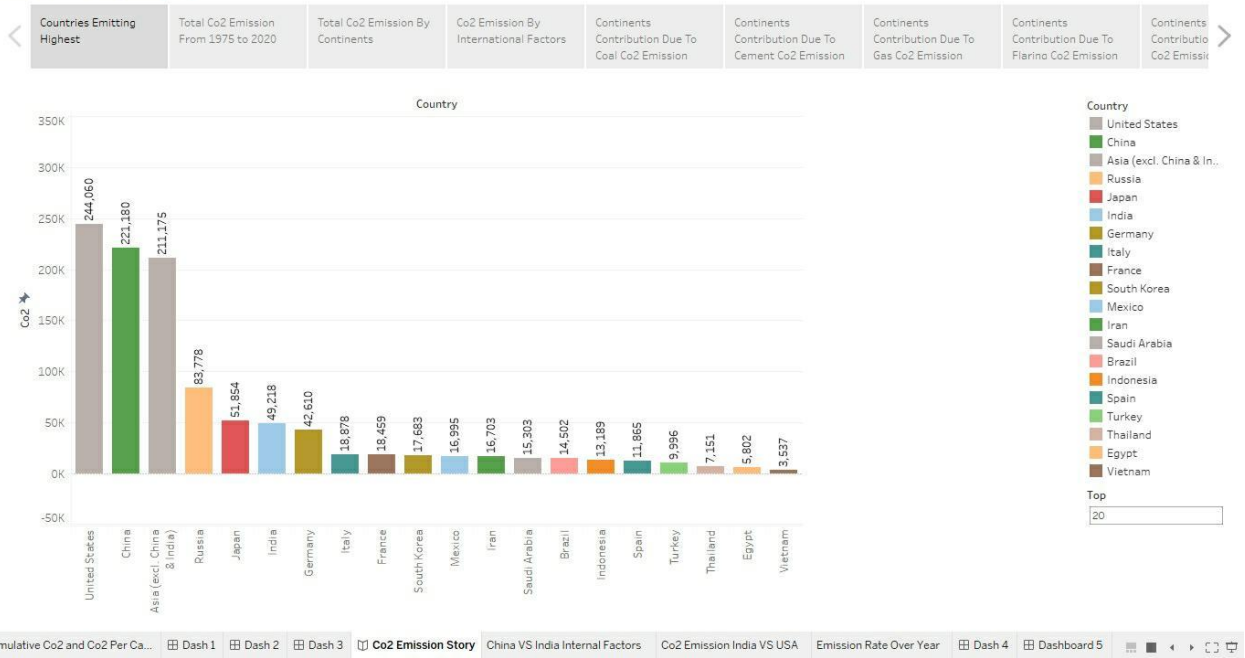


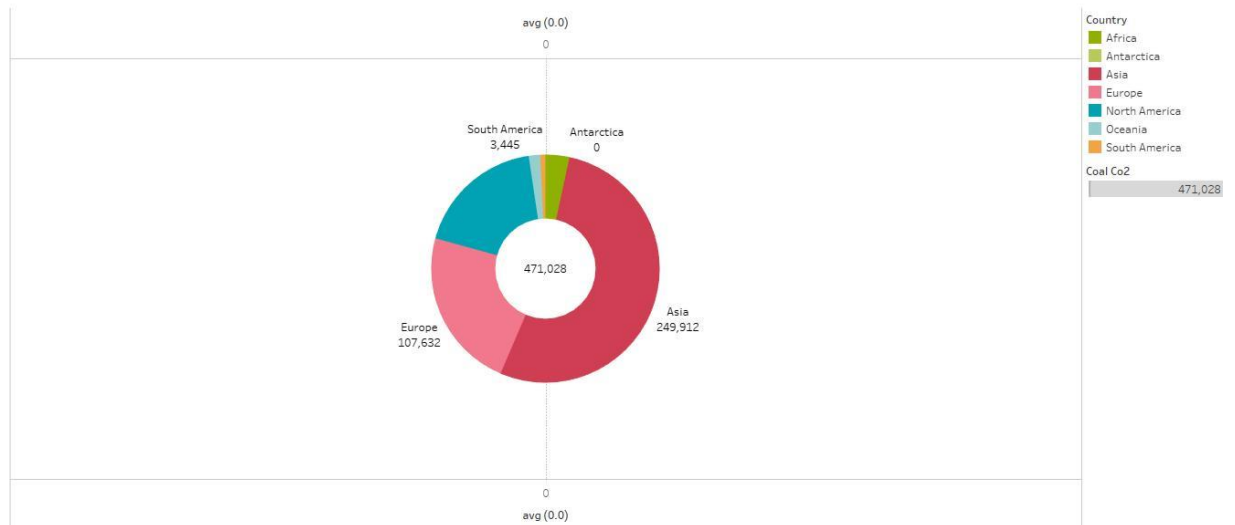
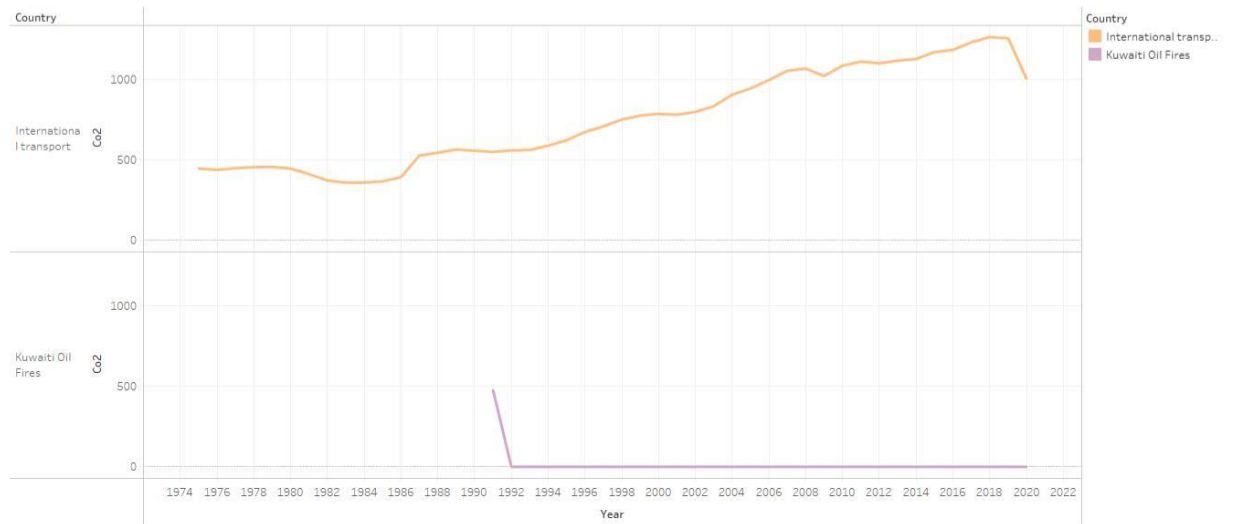
3.2. DASHBOARD:

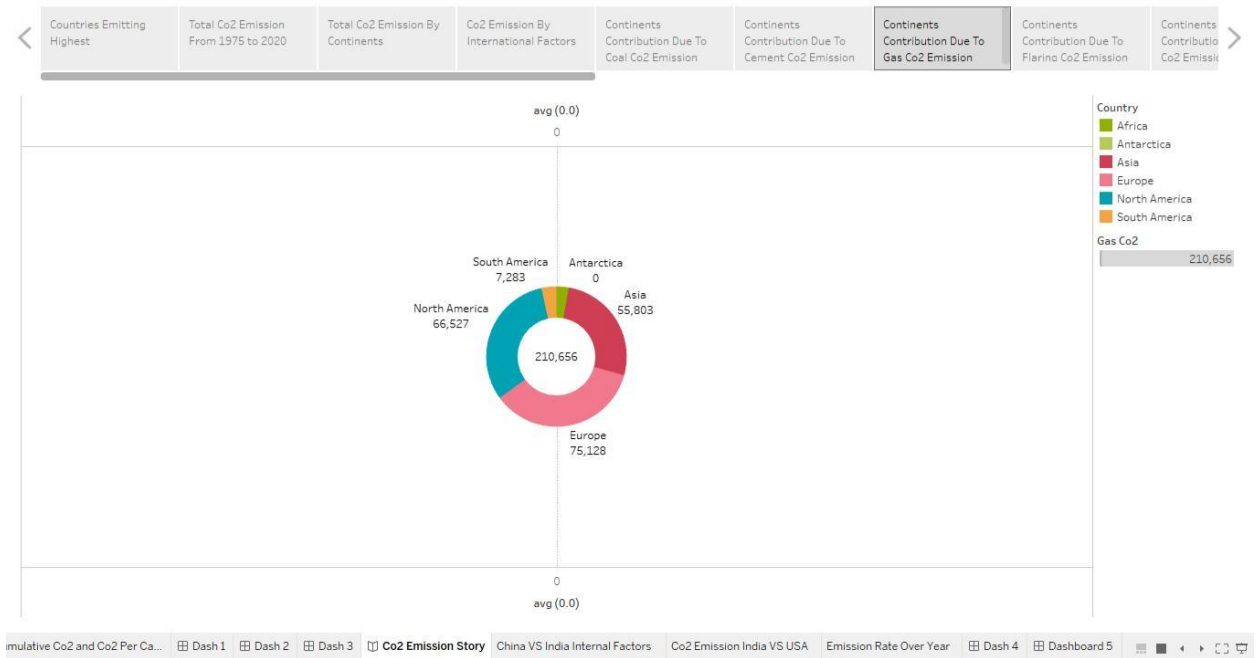
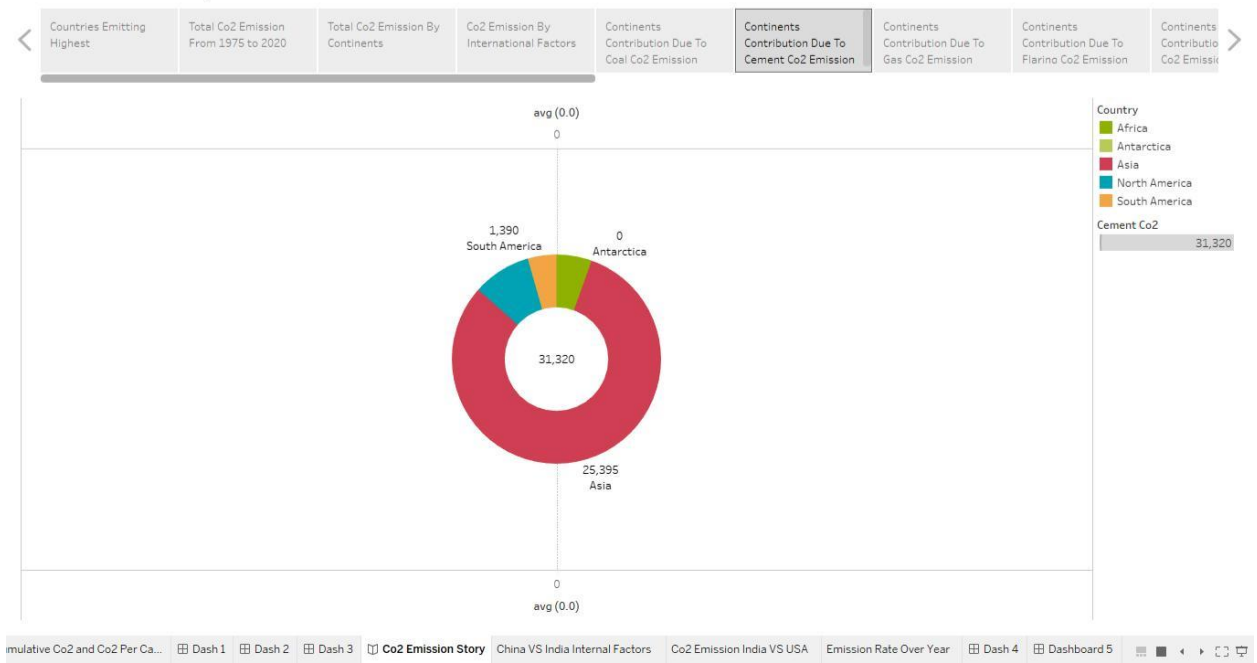


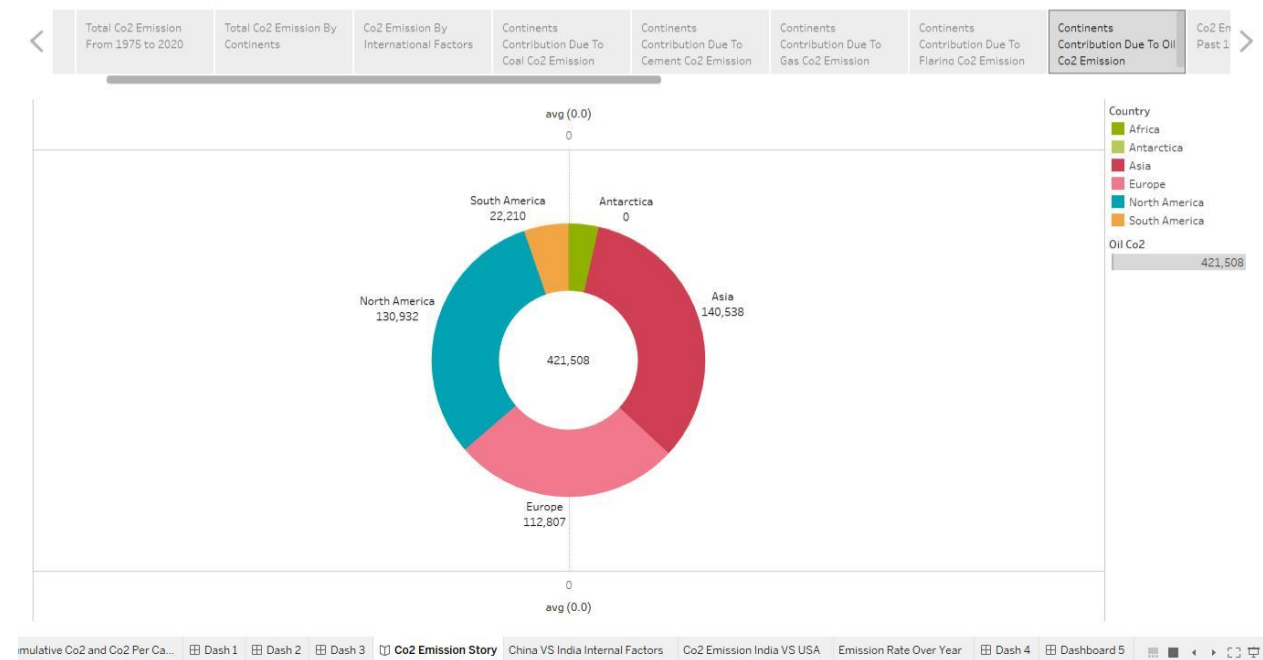
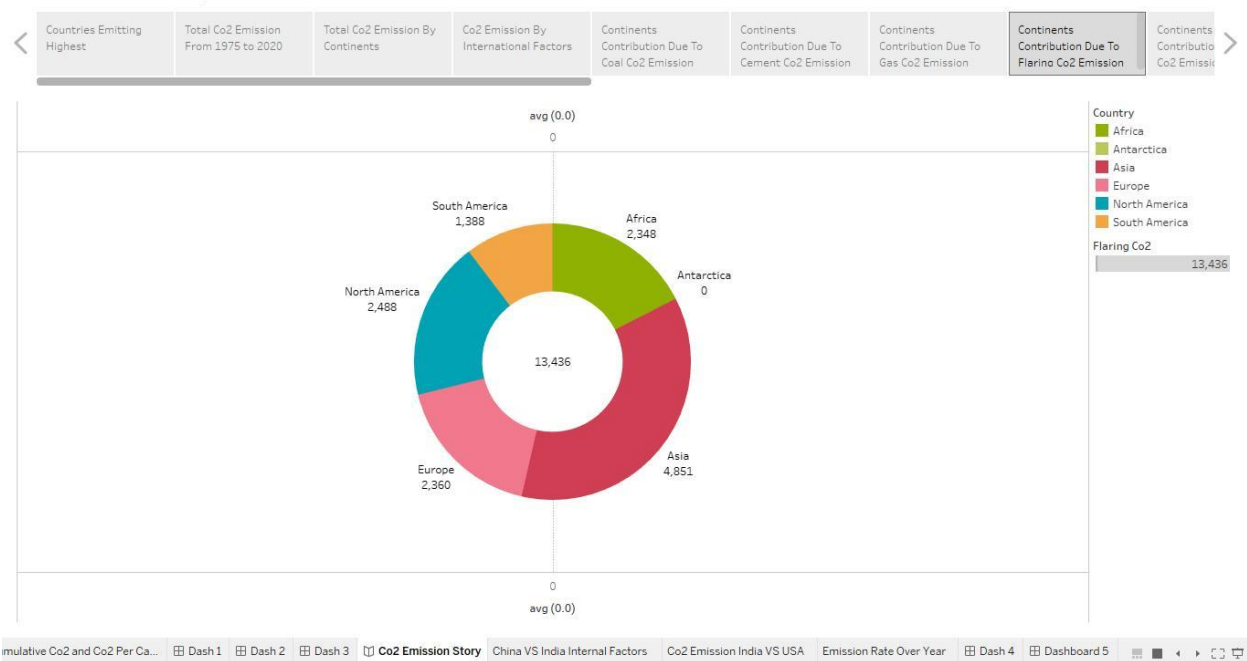
3.3 STORY:

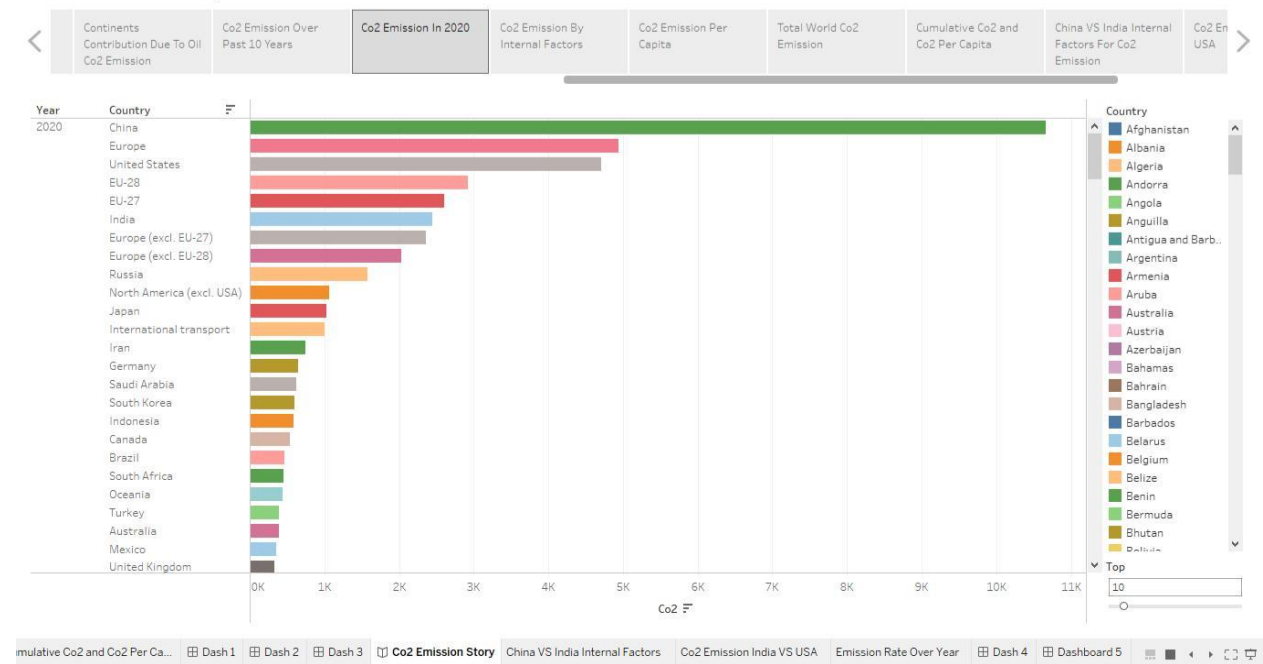
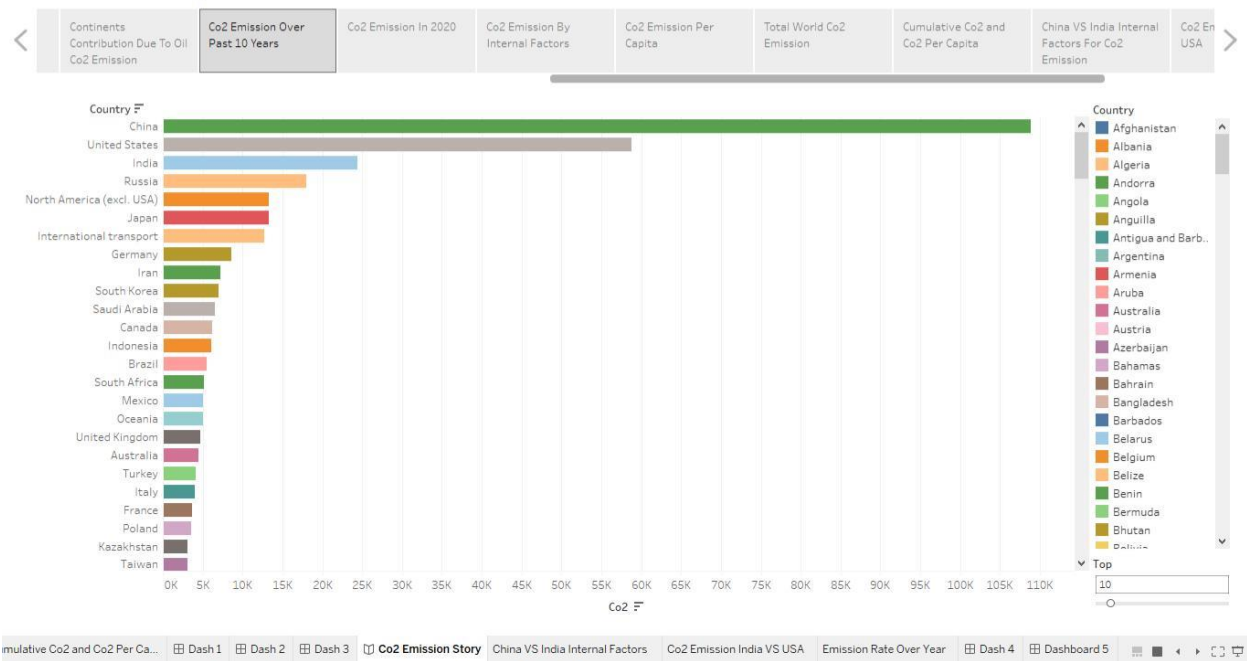
Co2 Emission Story

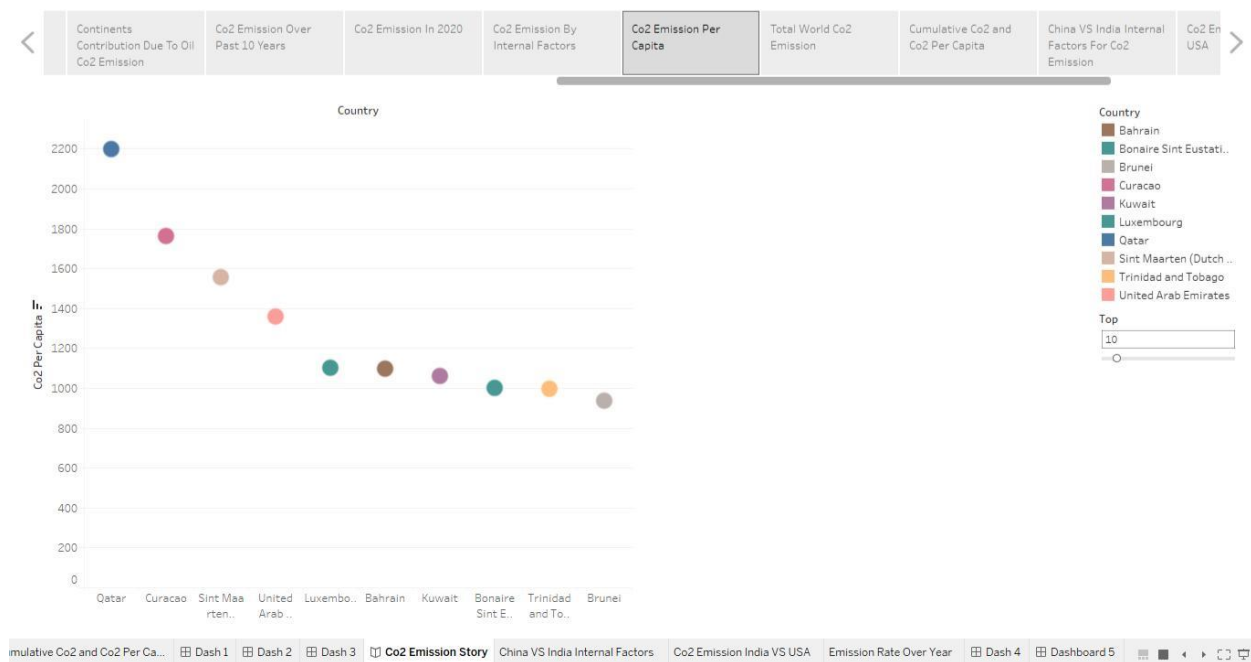


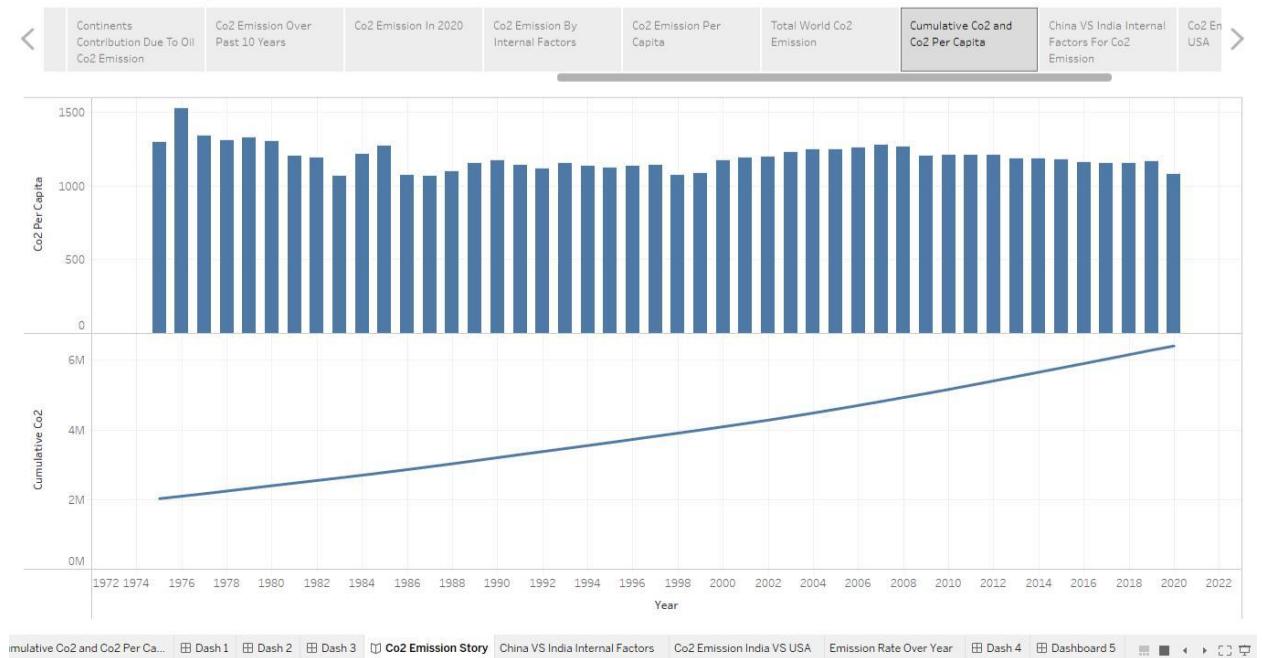
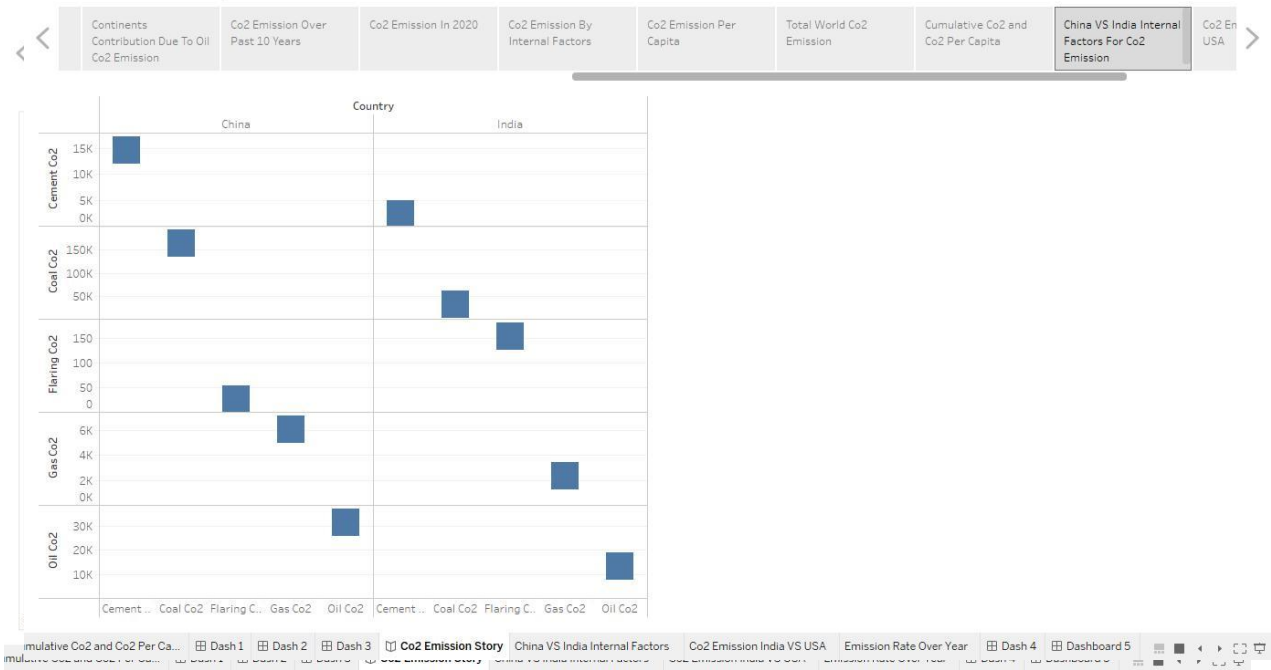


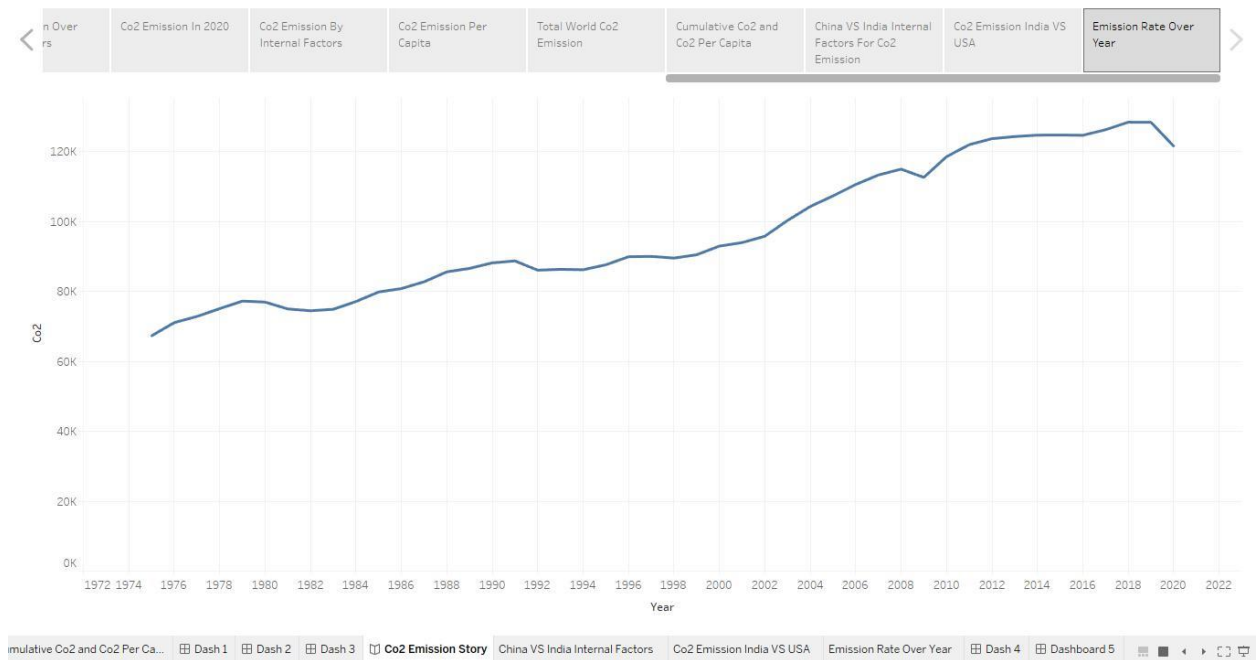




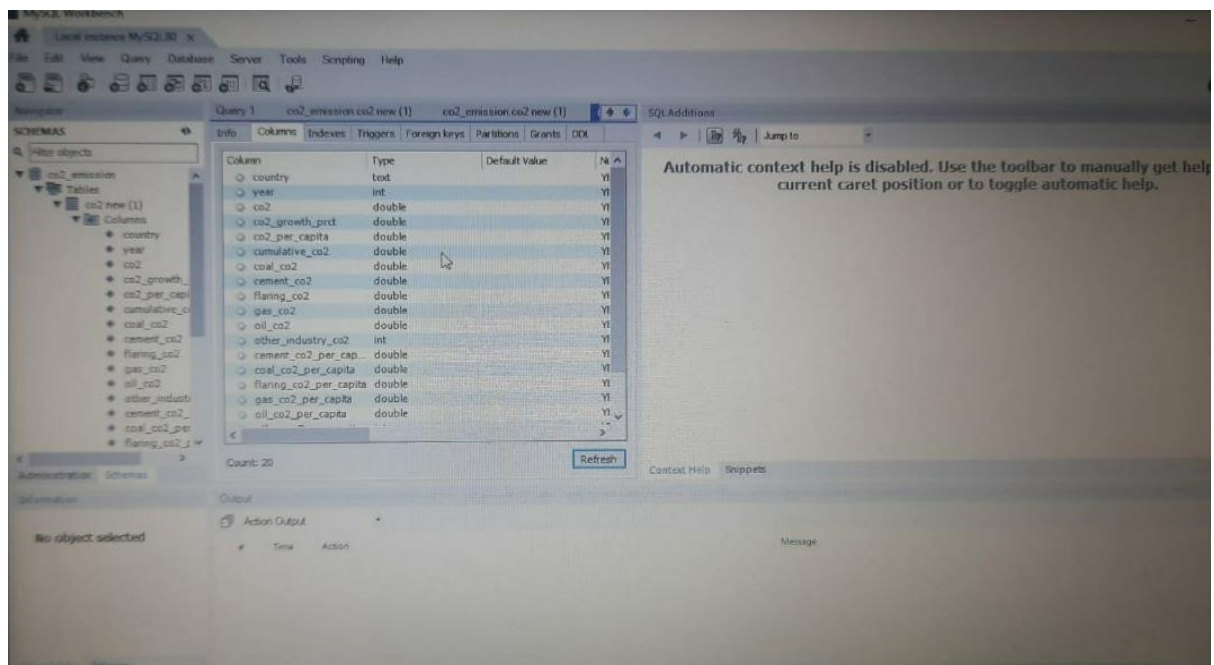
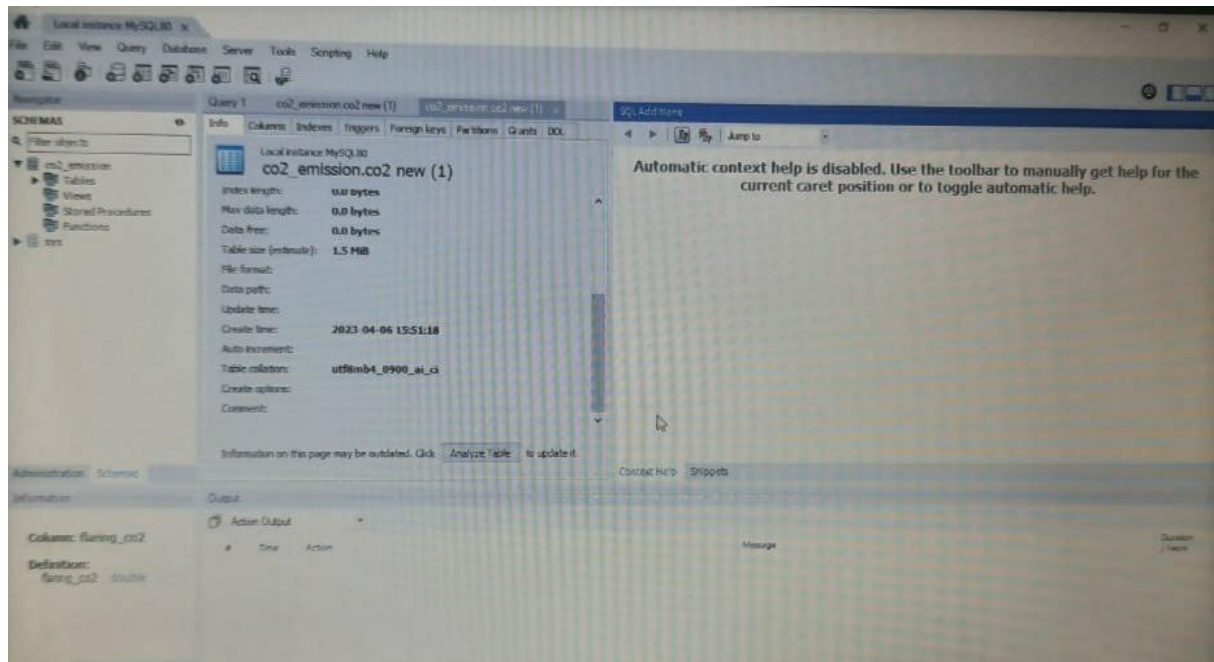


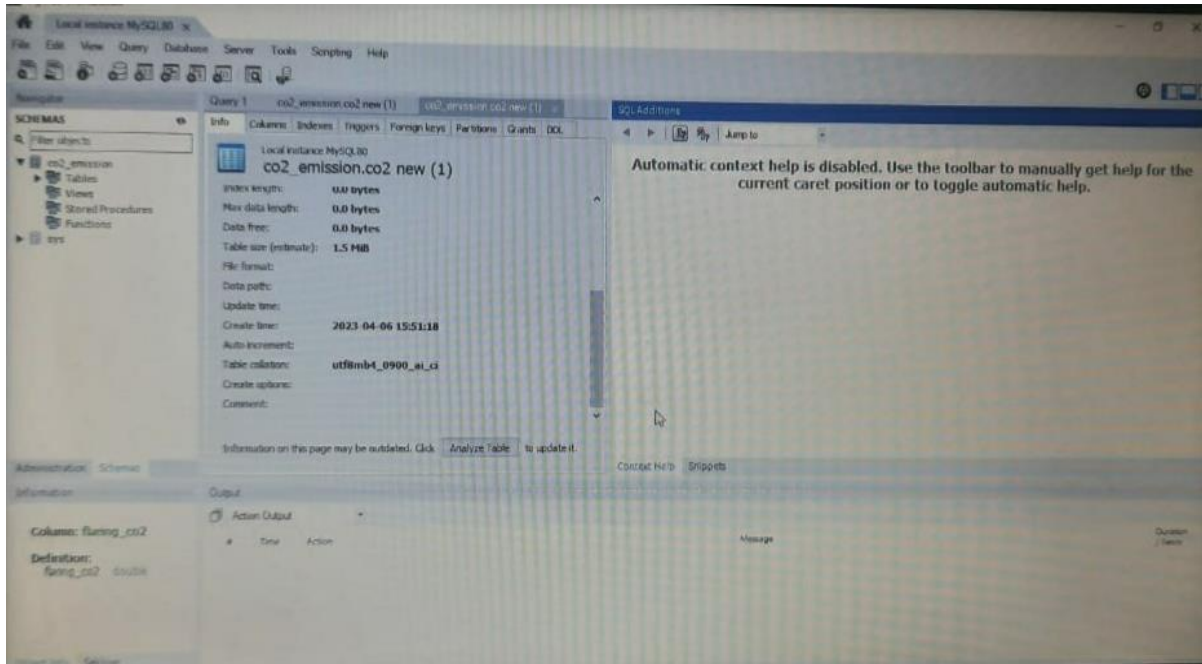




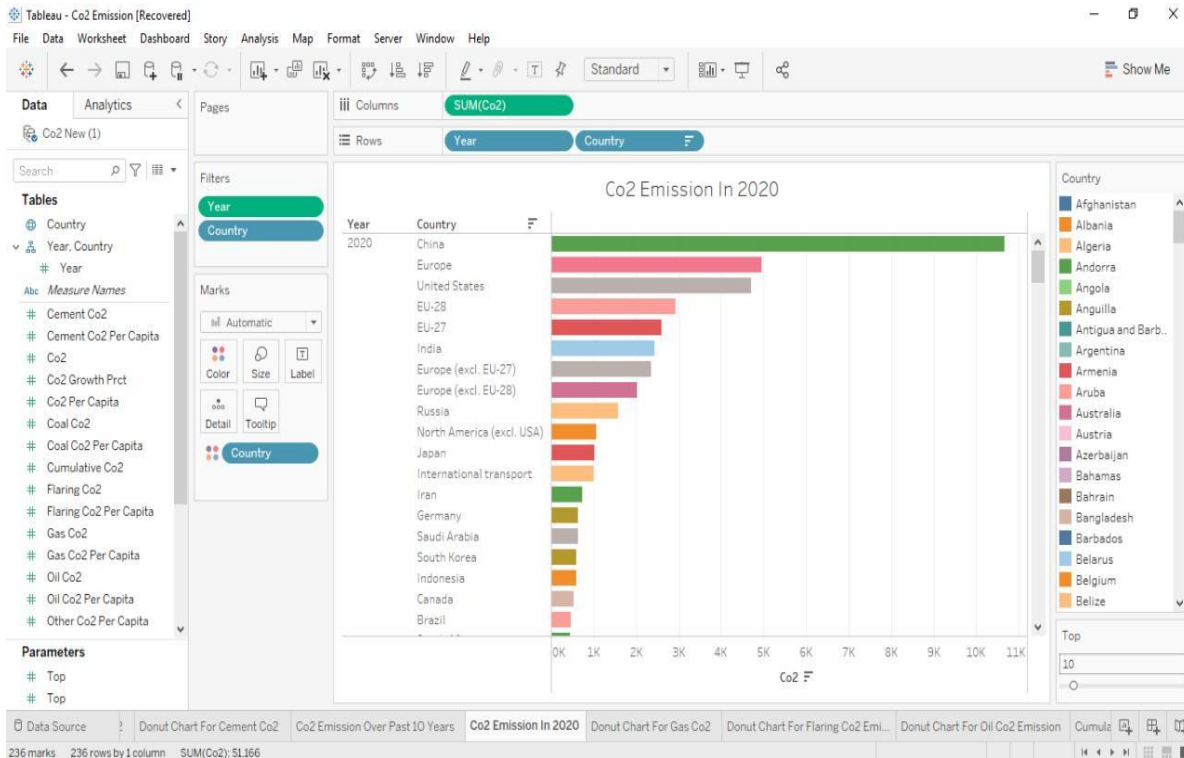


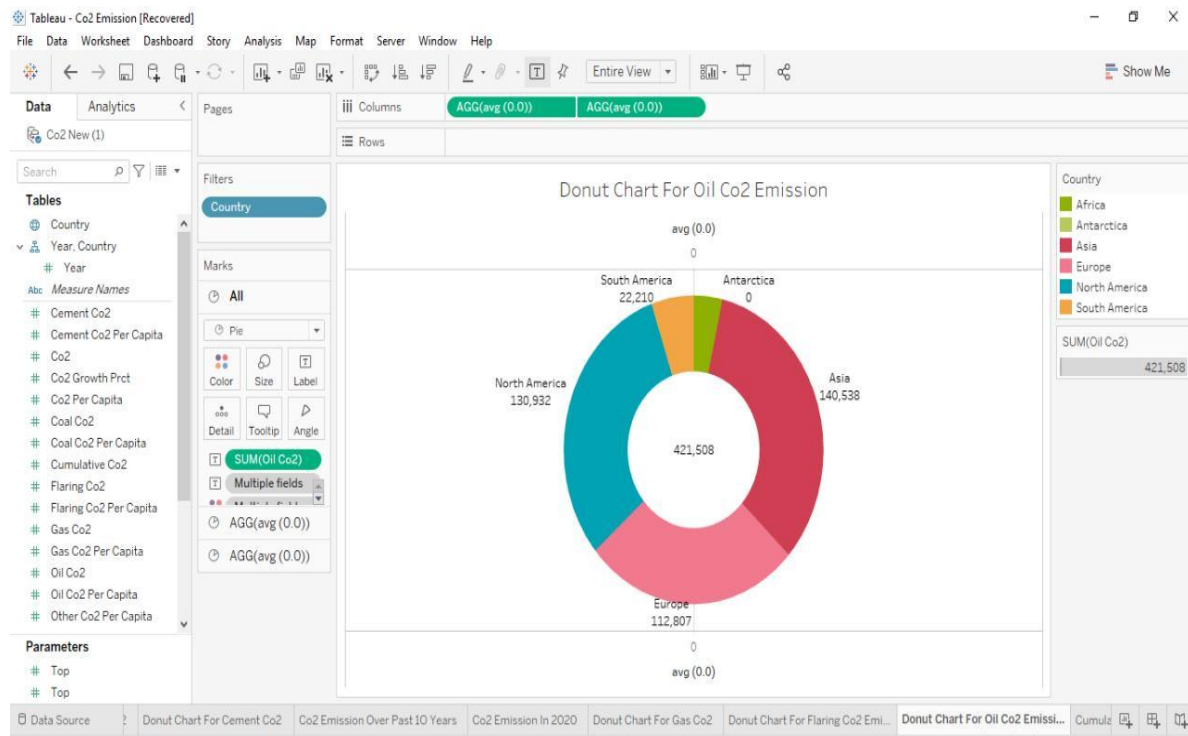
AMOUNT OF DATA RENDERED TO DATABASE:





UTILIZATION OF DATA FILTERS:





4. 4.ADVANTAGES & DISADVANTAGES

4.1 ADVANTAGES

- It helps to analyse the CO2 emission in particular countries
- It helps reduce CO2 emission

4.2. DISADVANTAGES

- Co2 is the important greenhouse gas that helps to reheat in our atmosphere
- It increases the global temperatures
- It extending growing season and increases humidity
- The increasing average atmospheric temperature has led to global warming

5.APPLICATIONS

- If the survey is taken within the state, it helps to control and reduce the atmospheric temperature. This analysis helps the district environmental experts to understand the effect and causes due to CO2 emission

6.CONCLUSION

- In this project we know about the CO₂ emission and reasons for CO₂ emission
- There are now far more studies and information about emission pathway
- From this project we know about how global emission reduction can be distributed between different regions and countries

7.FUTURE SCOPE

- Implementation and awareness programs play a crucial role in limiting global warming to 1.5 °C
- According to the survey, India has announced that it will reach carbon neutrality by 2070 as part of a five-point action plan that includes reducing emissions to 50% by 2030
- Increase of CO₂ emission leads to global warming and thus raises the sea level which results in the submergence of coastal areas