

A Global CO₂ Emission Analysis

Project Report Submitted by,



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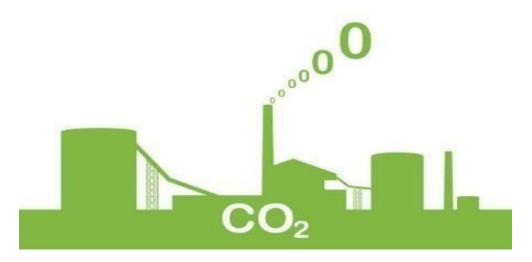
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A GLOBAL CO2 EMISSIONS ANALYSIS



1. INTRODUCTION

1.1 Overview

 CO_2 emission refer to the release of CO_2 gas in the atmosphere. The majority of CO_2 emission are a result of human activities such as burning fossil fuels and emission of gases from various company activities. The increasing of CO_2 in the atmosphere has caused the earth's temperature to raise, sea-level rise and extreme weather events and this pose huge health threat in living organisms.

1.2 Purpose

The purpose of CO₂ emissions analysis is to assess the amount of carbon dioxide and other greenhouse gases being released into the atmosphere as a result of human activities. This analysis is critical to understanding the extent of human impact on the environment and climate.

2. PROBLEM DEFINITION & DESIGN THINKING

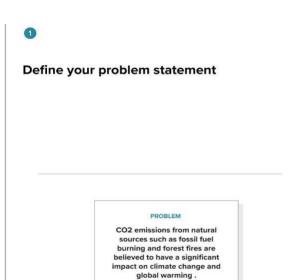
2.1Empathy Map

1	Date	16 March 2023
2	Team ID	NM2023TMID25157
3	Project Name	A Global CO2 Emission Analysis

Global CO2 emissions



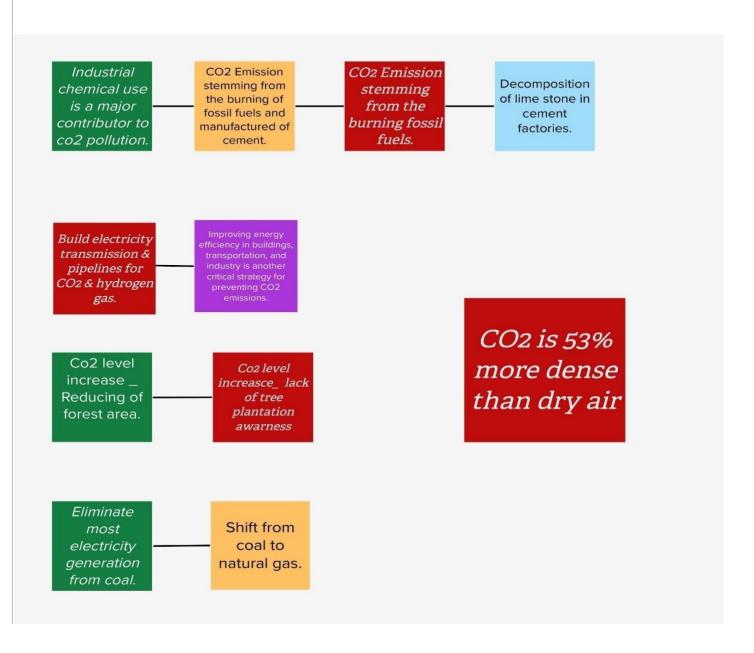
2.2Ideation and Brainstorming Map



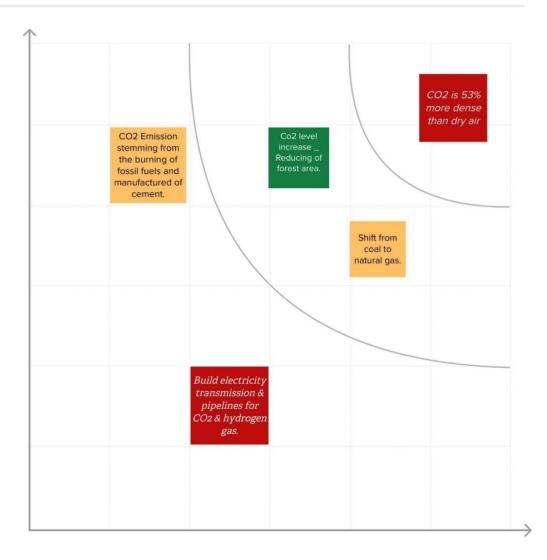
Brainstorm



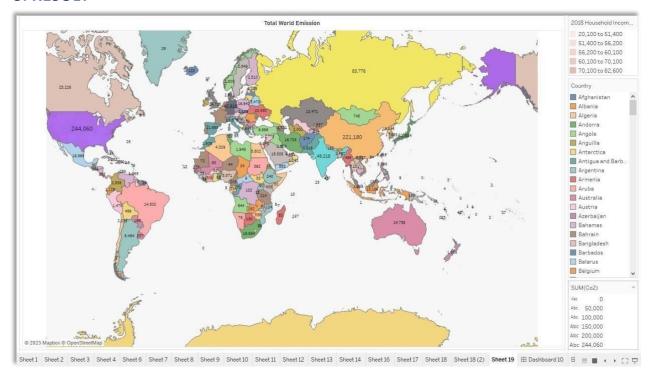
Group ideas

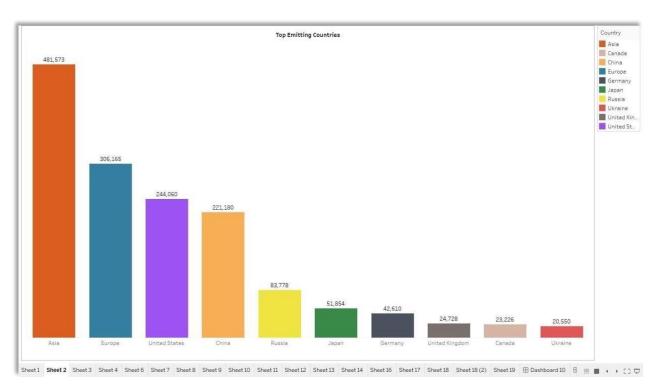


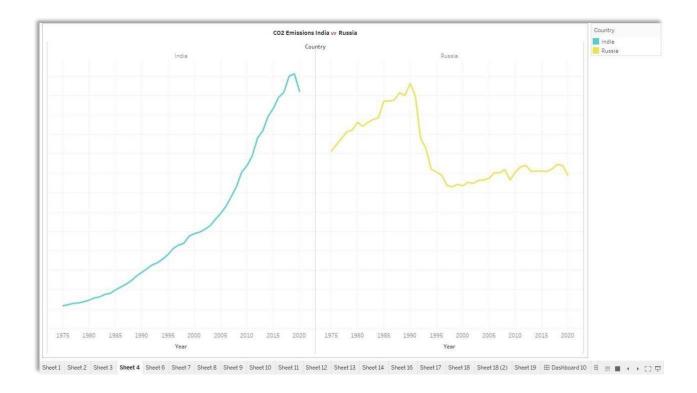
Prioritize

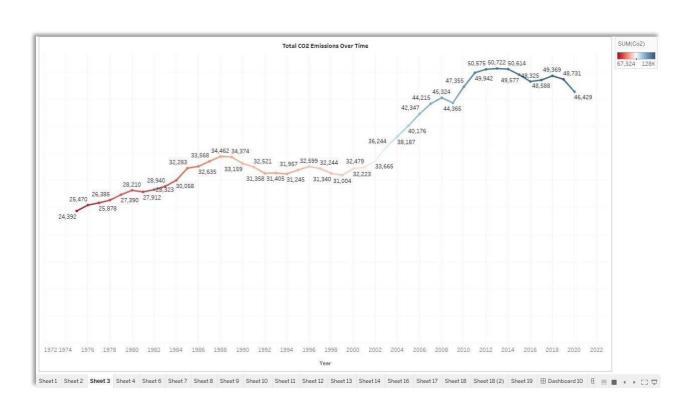


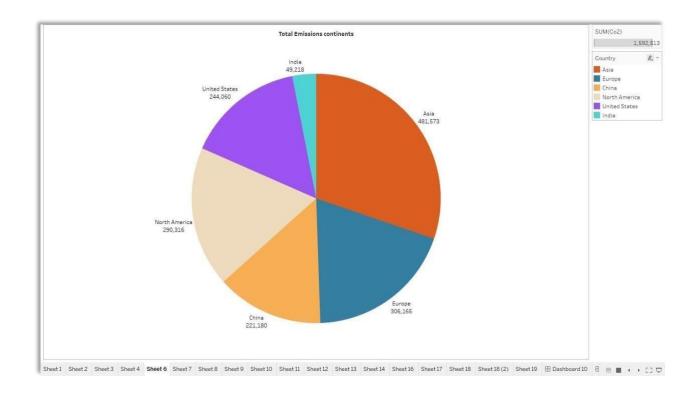
3. RESULT









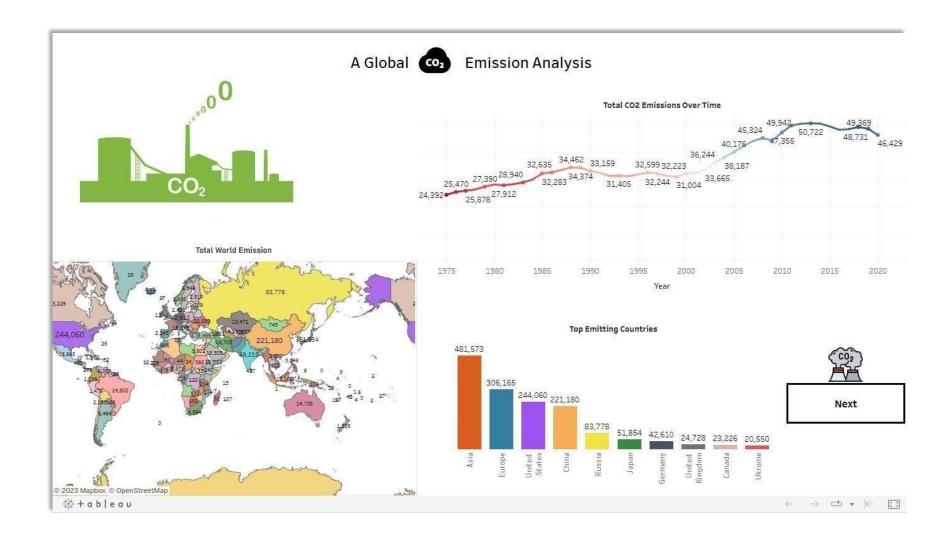


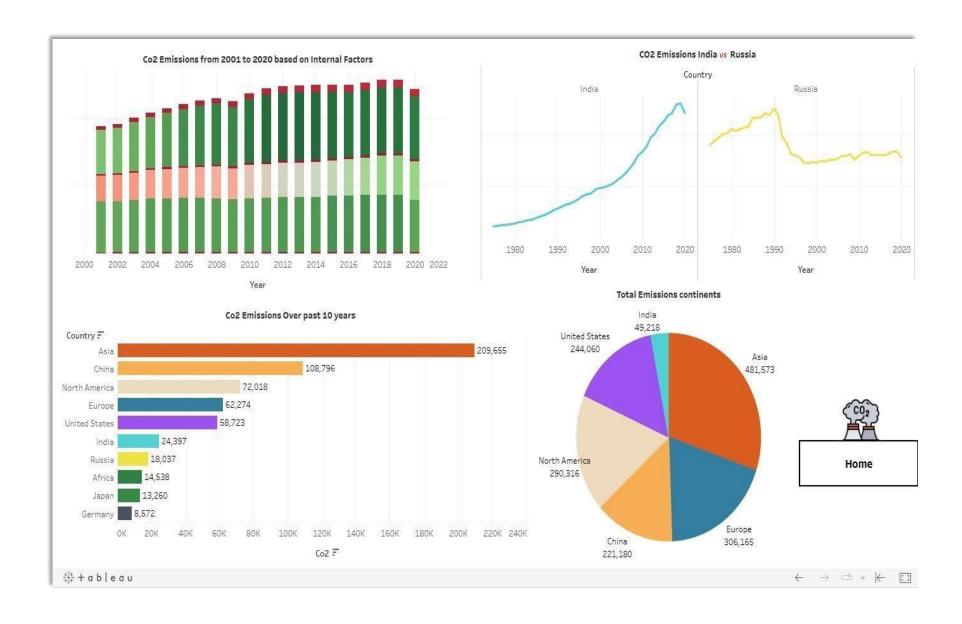


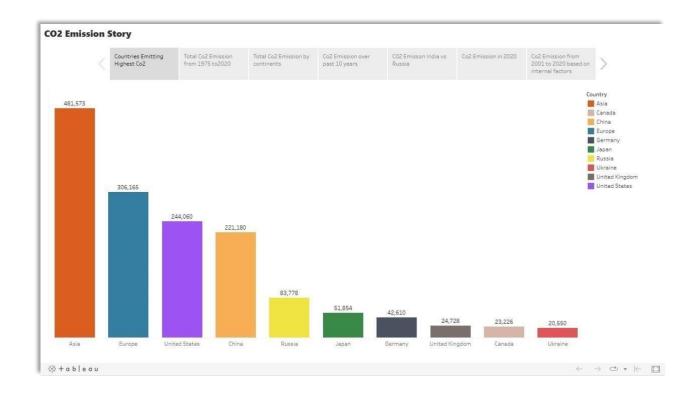
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A Global Co2 Emission Analysis

Carbon dioxide emissions are the primary driver of global climate change. It's widely recognised that to avoid the worst impacts of climate change, the world needs to urgently reduce emissions.







ADVANTAGES & DISADVANTAGES

Advantages

- √ Identification of major sources of emissions
- √ Monitoring of progress in reducing emissions
- ✓ Benchmarking of emissions performance across sectors, companies, and countries
- √ Incentivization of emissions reduction efforts

Disadvantages

- √ Limited Data
- √Difficulty in Measuring Emissions

APPLICATION

CO₂ emission analysis projects can help with policy decisions, identifying high-emitting industries, tracking progress towards emissions reduction, facilitating carbon trading, supporting sustainable business practices, and promoting investment in renewable energy and clean technology.

CONCLUSION

Important for justifying climate change by providing information to policy decisions and promote sustainable practices. Nonetheless, efforts to develop and improve CO_2 emissions analysis projects are crucial for addressing climate change. This analysis using Tableau software provides immediate insight of CO_2 emissions in the single dashboard. This analysis also alerts the human society to take necessary action to reduce CO_2 emission to Secure from Global warming.

FUTURE SCOPE

- √ Much information have to make available
- √ Which type of company emits much CO₂
- √ Analysis of Key Data Metrics
- ✓ Promote renewable energy
- √ Implement carbon pricing mechanisms
- ✓ Promote alternative transportation

