PROJECT REPORT

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Unearthing the Environmental Impact of Human Activity: A Global Co2 Emission Analysis

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Project Name:

Unearthing the Environmental Impact of Human Activity:
A Global Co2 Emission Analysis

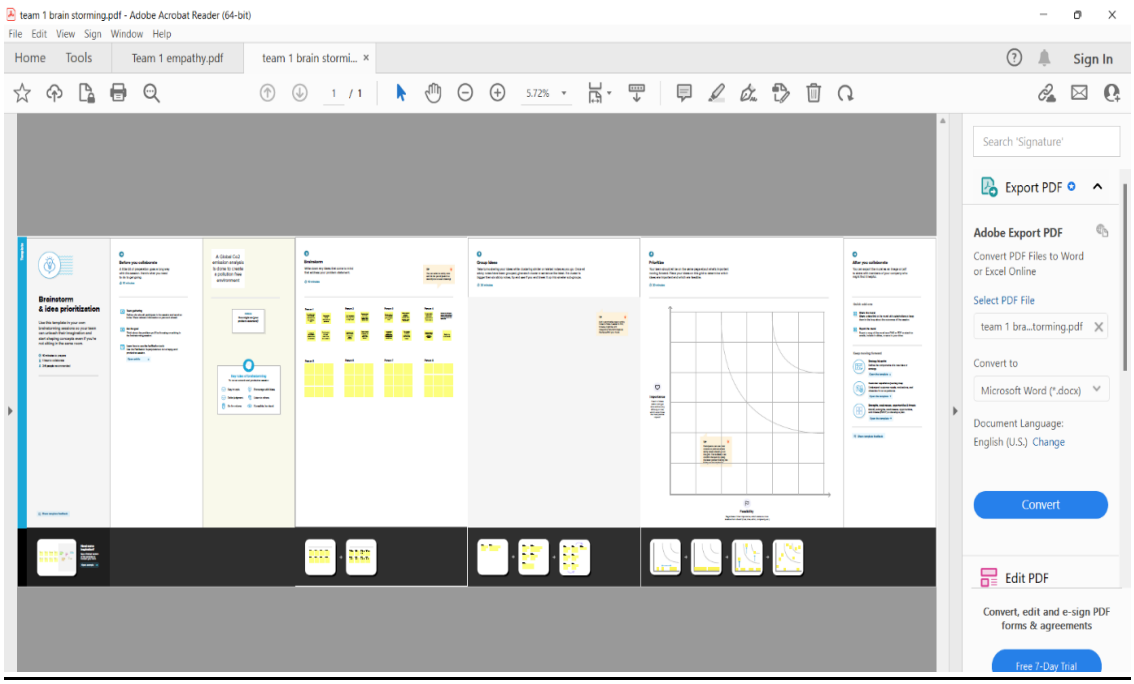
Introduction:

The word "Unearthing" means *"finding something"*. In this project we are analysing the Co2 emission globally. Co2 emission refers to the carbon dioxide emitted throughout the world. For this analysis we will be focussing on Co2 emissions and its effect on the world.

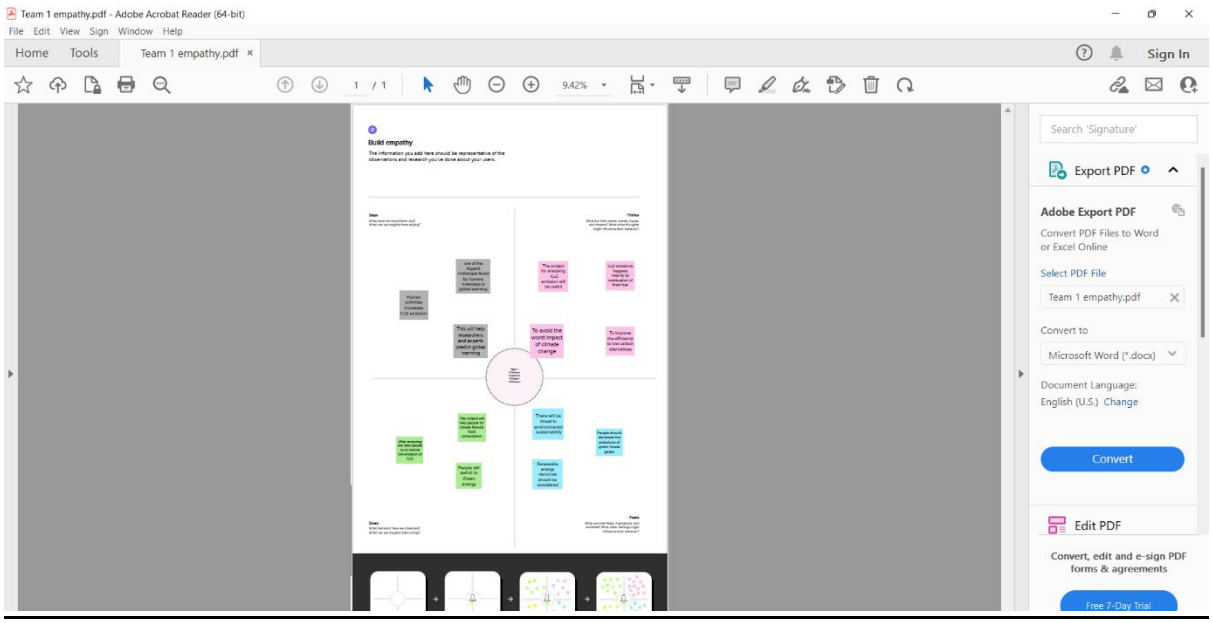
The purpose of this project is to create awareness about global warming among people. This is because global warming is one of the biggest challenges faced by humans all over the world.

Problem Definition & Design Thinking:

Empathy Map

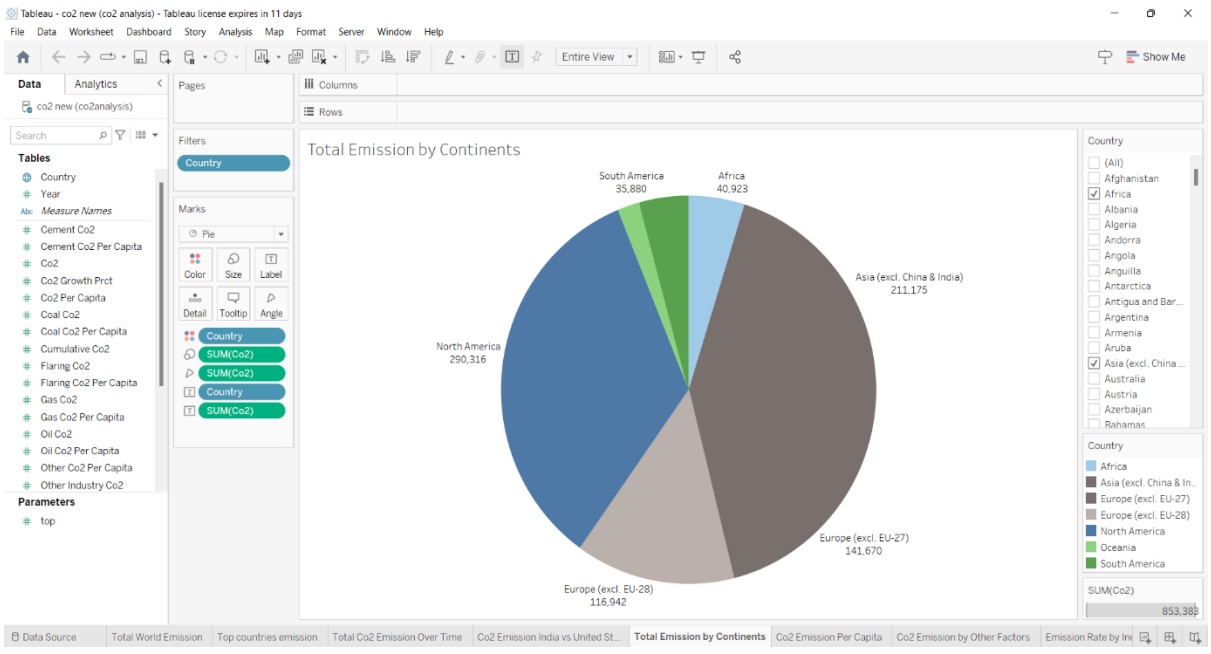


Ideation & Brain Storming Map

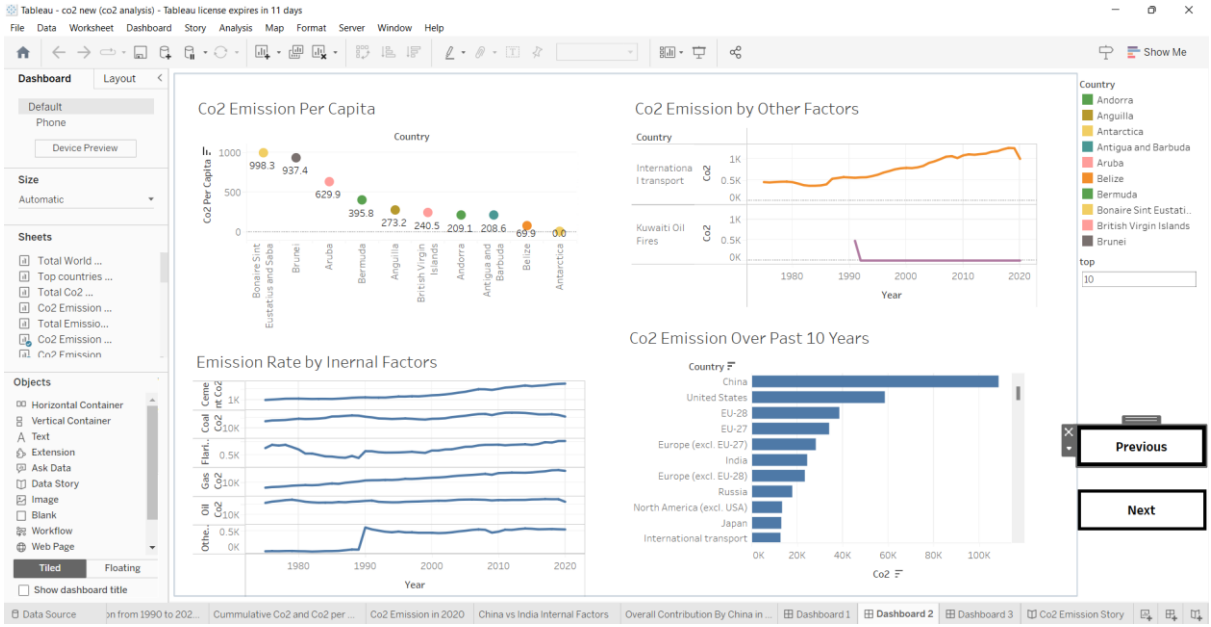


Result:

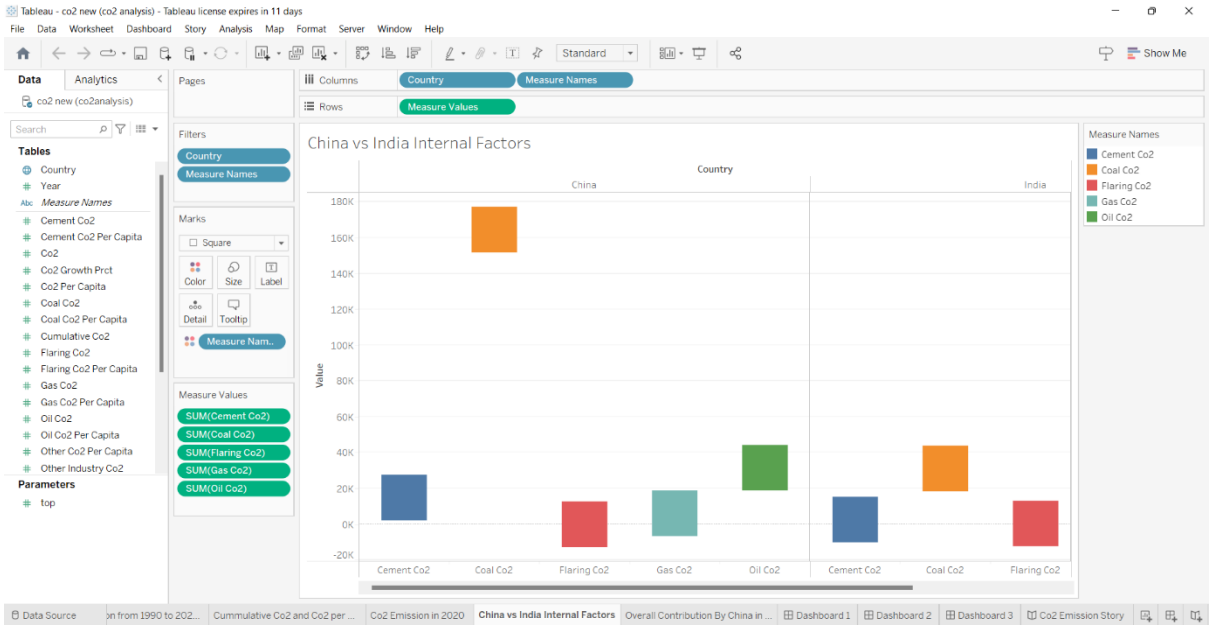
North America is the continent emitting highest level of carbon dioxide when compared with all continents.



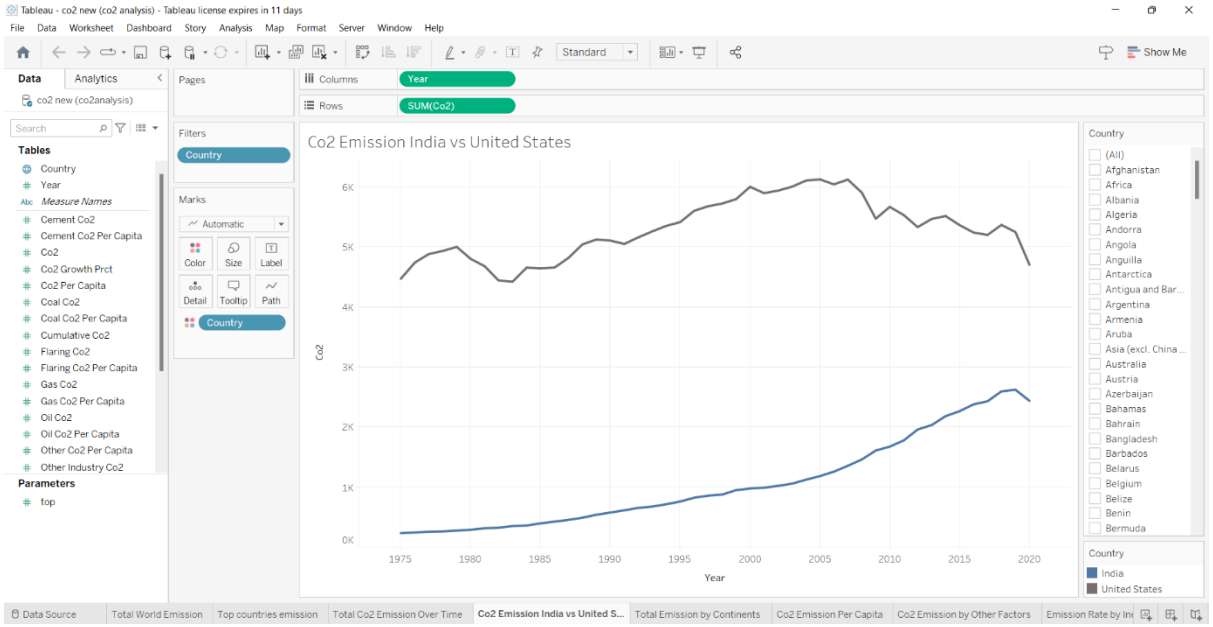
Co2 Emission by various factors:



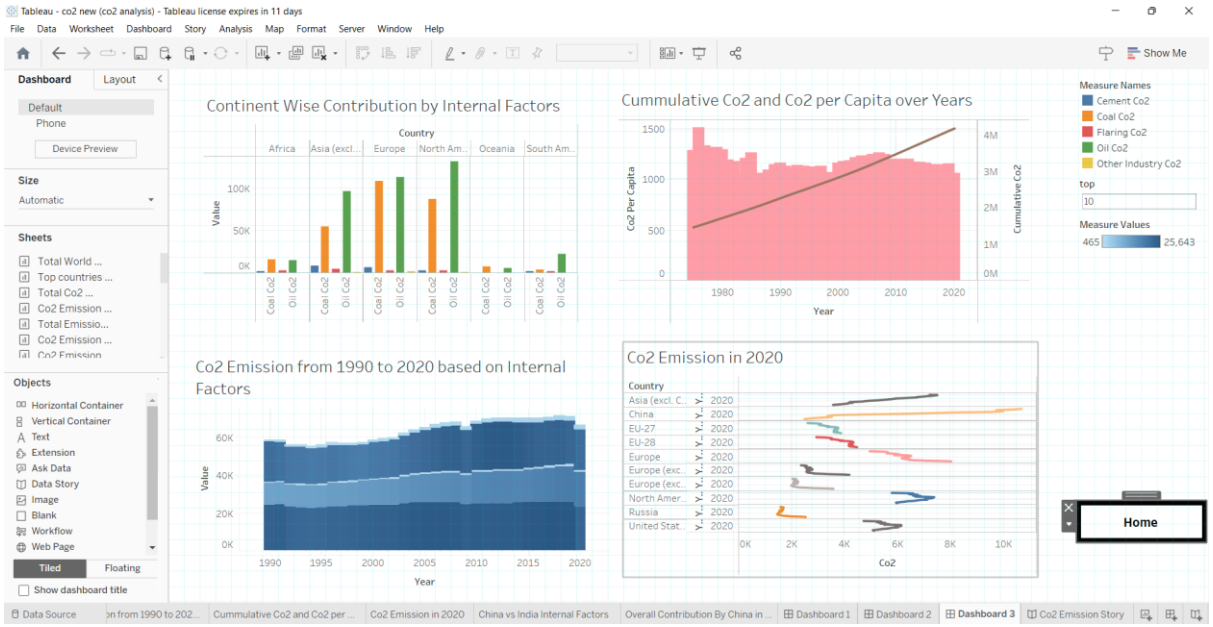
Coal Co2 emitted by China is greater when compared with India



Co2 emission by United States is higher than in India



Co2 Emission over years



Advantages and Disadvantages:

From these results we will come to know the countries that are emitting high level of carbon dioxide. It also creates awareness among people.

After seeing the result sometimes, the other countries may blame the countries that are emitting high level of Co2.

This may lead to the disputes among the countries. Sometimes this may lead to the economic blockade of a particular country.

Applications:

This result will be useful to take enough measures to reduce Co2 emissions from all over the countries.

It will also be useful to create better society and also pollution free environment.

Conclusion:

This project throws light onto how much fossil fuel are burnt per year, per nation which amounts to an increase in Co2 every year. This will definitely help researchers and environmental experts to predict global warming. So that countries will set a goal to decrease the amount of Co2 emission.

Future Scope:

In 2015, 196 parties to the Paris Agreement committed to transforming their development trajectories towards sustainability. To achieve these goals global carbon dioxide emissions, need to be reduced by 45% by 2030 from 2010 levels and reach net zero emission by 2050. The Covid-19 pandemic significantly reduced human activities in 2020, leading to a temporary fall in Co2 emissions. This should be made permanent. To achieve all these goals analysing Co2 emission will be very useful.

Appendix:

Co2 Demo Dash:

https://public.tableau.com/views/Co2DemoDash_16814624478040/Dashboard3?:language=en-US&:display_count=n&:origin=viz_share_link

Co2 Demo Story:

https://public.tableau.com/views/Co2DemoStory_16814621358360/Co2EmissionStory?:language=en-US&:display_count=n&:origin=viz_share_link

Global Co2 Emission Analysis:

file:///C:/Users/Abirami/Desktop/Co2%20Emission%20Analysis/index.html