1. INTRODUTION:

Our project is about "A Global Co_2 Emission Analysis" I am Anuthra A and my team members are Pricilla S, Kanimozhi R and Gomathi S We are currently pursuing our B.Sc. Mathematics With Computer Applications degree in Valliammal College for Women.

1.1 OVERVIEW:

Analysing Global Co_2 Emission across countries from 1975 to 2020. here we are going to analysis and visualise country wise, Region wise, and Overall Co_2 Emission on Earth.

I opened the account in tableau and Created dashboard and stories with the help of milestones

1.2 PURPOSE:

The main reason I took this project is to understand the impact of human activities that Significantly disturbed the natural carbon cycle

By participating this product and Creating dashboard We will be able identify and quantify CO_2 emissions that helps to accurately predict the emission of hazardous gases, its ease of use and the improved efficiency it brings.

4. ADVANTAGES AND DISADVANTAGES:

ADVANTAGES:

Greenhouse gases keep our planet liveable by holding onto some of Earth's heat energy so that it does not all escape into space. This heat-trapping is known as the greenhouse effect. The greenhouse effect helps to maintain a certain temperature level on earth's surface, making it habitable for living beings.

DISADVANTAGES:

Global Warming is the long-term warming of the planet's overall temperature. Though this warming trend has been going on for a long time, its pace has significantly increased in the last hundred years due to the burning of fossil fuels. As the human population continues to increase, so has the volume of fossil fuel being burnt.

5. Applications:

This analysis considers the near-term market potential for five key categories of CO_2-derived products and services: fuels, Chemicals, building material from minerals, building material from waste and CO_2 use to enhance the yields of biological processes. All five categories could individually be scaled-up to a market.

CO_2 use can support climate goals where the application is scalable, uses low-carbon energy and displaces a product with higher life-cycle emissions.

6. Conclusion:

The excessive carbon emissions not only intensify the global climate change, but also seriously restrict the sustainable development of social economy.

Therefore, Accurate measurement and analysis of carbon dioxide emissions is required.

Nevertheless, the conclusion is that Climate Change due to CO_2 emissions is the most significant problem facing the world.
Global warming is increasing day by day.
If we cannot prevent it as soon as possible, Our World will face undesirable consequences.

By doing this project, We came to know how to analysis the emissions of CO_2 in global level.

We gained all this knowledge about analysing the emissions of CO_2 from the tableau.
and We had created the dashboard, stories, Empathy mapping and Brainstroming. Which We had not done previously.

7. FUTURE SCOPE:

In future, Analysis of carbon dioxide Capturing Technologies will play a critical role in the energy Transition, especially in heavy industries like power, steel, Cement and oil and gas.

Carbon Capture, utilization and storage (CCUS) is one of those Critical technologies.
Often called Carbon Capture, it is the process of Capturing CO_2 emissions from industries and reusing or storing them, instead of releasing them.

Companies are embracing Carbon Capture's potential and investing in this technology.