Project Initialization and Planning Phase

Date	03 July 2024
Team ID	739654
Project Name	Predicting Co2 Emissions By Countries Using Machine Learning
Maximum Marks	3 Marks

Define Problem Statements (predicting co2 emission by countries using machine learning problem statement template):

Predictive Machine Learning (ML) models and the big amount of available data can be very useful to analyze the development of climate change trends or relevant contributors. In theory, the country emissions of greenhouse gases such as CO_2 over a year could depend on certain country-specific aspects. In this context, I have developed a ML project aiming to analyze and predict CO_2 emissions from country-specific parameters such as economic indicators, country,year, value of emission etc.

Project Objectives:

1. **Understand the Impact:**
Delve into the consequences of unchecked CO_2 emissions on the environment and human well-being.

2. **Explore Data Sources:**
Identify key data sources that contribute to our understanding of CO_2 emissions.

3. **Modeling Techniques:**
Discuss various data-driven modeling techniques used for predicting CO_2 emissions.

4. **Case Studies:**
Showcase real-world examples where CO_2 emission prediction has informed sustainable decision-making.

5. **Future Implications:**
Consider the broader implications of accurate CO_2 emission predictions for policy-making, industry practices, and global sustainability.