Sunflower Team Project Proposal

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There has been a broad scientific consensus that the Earth's average temperature has been increasing over the past century due to human activity, primarily the burning of fossil fuels and deforestation. This warming trend is leading to a range of negative impacts on the environment, including rising sea levels, more frequent and severe weather events, and the loss of biodiversity.

The effects of climate change can be felt in our daily lives, from the food we eat to the air we breathe. Addressing this issue will require a collective effort from individuals, governments, and businesses around the world.Given the far-reaching consequences of climate change on our daily lives, it is crucial to take collective action to mitigate its effects and ensure a sustainable future for coming generations

As a team of data scientists, we aim to use data science techniques to analyze the key influencing factors of global warming. Our goal is to gain insights into the underlying causes of climate change and develop strategies to tackle the issue at its root. To achieve this, we plan to use the climate_change.csv dataset found at:
https://www.kaggle.com/datasets/econdata/climate-change,

The file climate_change.csv contains climate data from May 1983 to December 2008. The available variables include:

Year, Month, Temp, CO2, N2O, CH4, CFC.11, CFC.12 and TSI.

Our focus in the project will be to identify the primary contributors to climate change and their relationships with each other. Through rigorous data analysis and modeling techniques, we hope to uncover new insights into the driving forces behind global warming. By doing so, we aim to provide changemakers with evidence-based information to make informed decisions to mitigate the impacts of climate change.

This data science project will explore the underlying factors driving global warming using data from the climate_change.csv dataset. We believe that by gaining a better understanding of the primary drivers of climate change, we can take steps to address the issue at its root and ensure a livable planet for future generations.