DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

M.Tech. I Year III Term

Assignment

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Id.No	241P1R1005
Branch	CSE
Year and Term	1st Year 3rd Term
Course Name	Research and Publication Ethics
Instructor Name	Dr. Maheshprabhu R, Professor, Dept of CSE
Assessment Type	Assignment
Module Number	4

Title: Predicting Global CO$_2$ Emissions Trends Using Public Datasets and Flourish

Research Problem:

How are global CO$_2$ emissions distributed across major sectors and countries, and what insights can we gain about emission patterns using a sunburst chart?
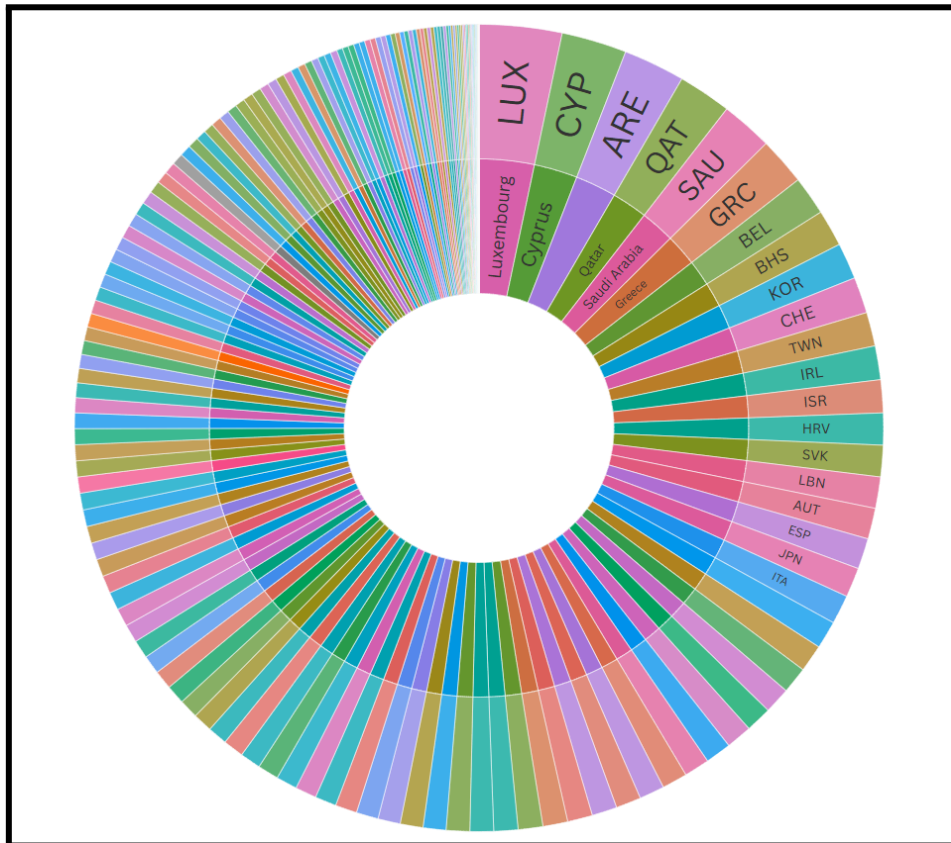
Data Source:

- https://github.com/owid/co2-data

Type of Graph:

Sunburst Chart
A Sunburst chart helps visualize hierarchical relationships in data.

Screenshot:

Prediction:

The Sunburst visualization reveals that countries like China and the United States contribute significantly to CO_2 emissions, with energy production and transportation being the dominant sectors globally.