1. INTRODUCTION

1.1 Overview

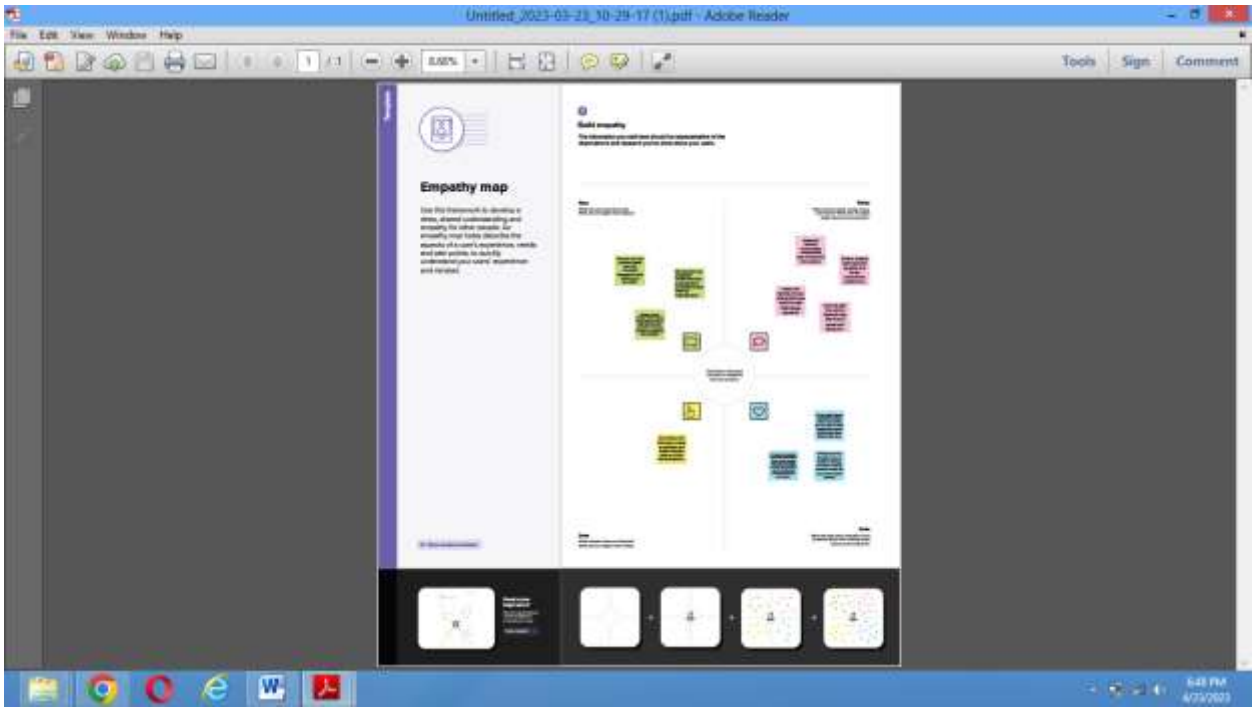
Global warming is one of the biggest challenges currently being faced by the human race, although correlation is not causation, a likely cause of global warming is due to increased atmospheric carbon dioxide from human activities. CO2 Emission refers to the Carbon Dioxide emitted throughout the world. For this analysis we will be focusing on CO2 Emissions and its effect on the world we live in as well as some key factors and stats that may play a role in the emission of CO2 globally. Fossil fuel use is the primary source of CO2. The data throws light onto how much fossil fuels are burnt, per year per nation, which amounts to an increase in CO2 every year. This will help researchers and environment experts to predict global warming

1.2 Purpose

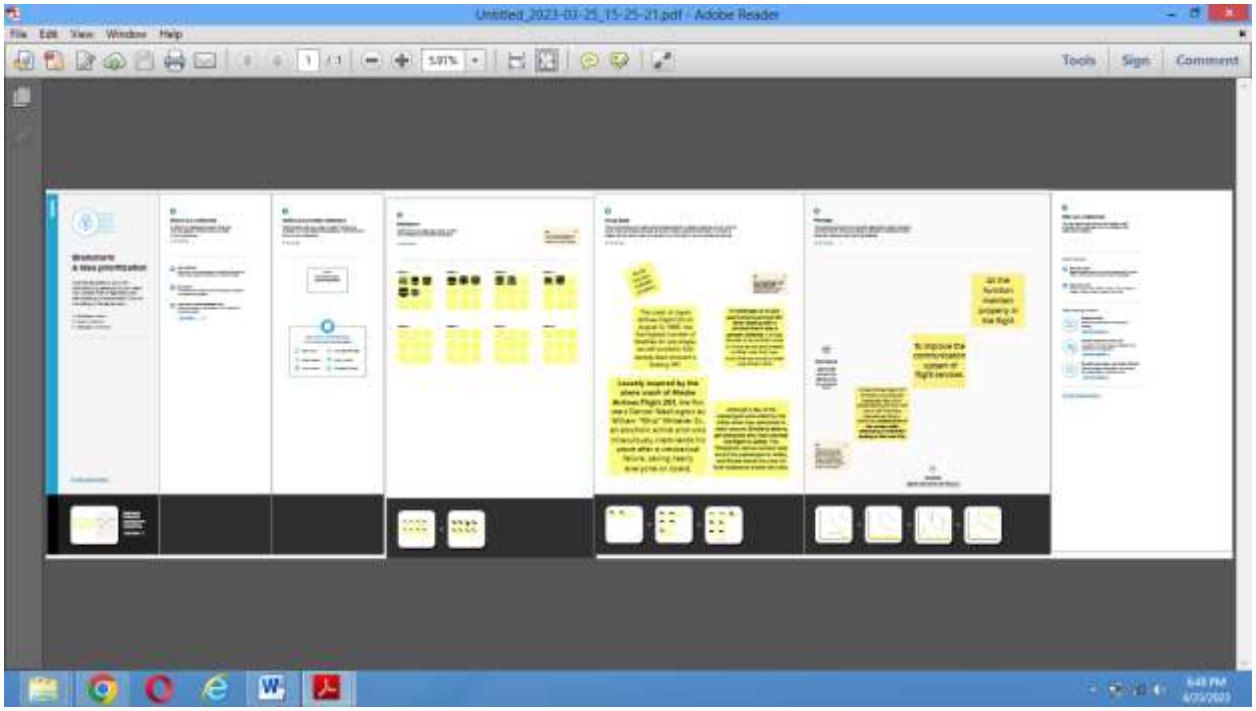
The data throws light onto how much fossil fuels are burnt, per year per nation, which amounts to an increase in CO2 every year. This will help researchers and environment experts to predict global warming. So countries should set a goal to decrease this amount yearly. Analysing Global Co2 Emission across countries from 1975 to 2020. This dataset contains a record of Co2 Emission by each Country and Region of Earth, here we are going to analyse and visualise Country wise, Region wise and Overall Co2 Emission on Earth.

2. Problem Definition & Design Thinking

2.1 Empathy Map

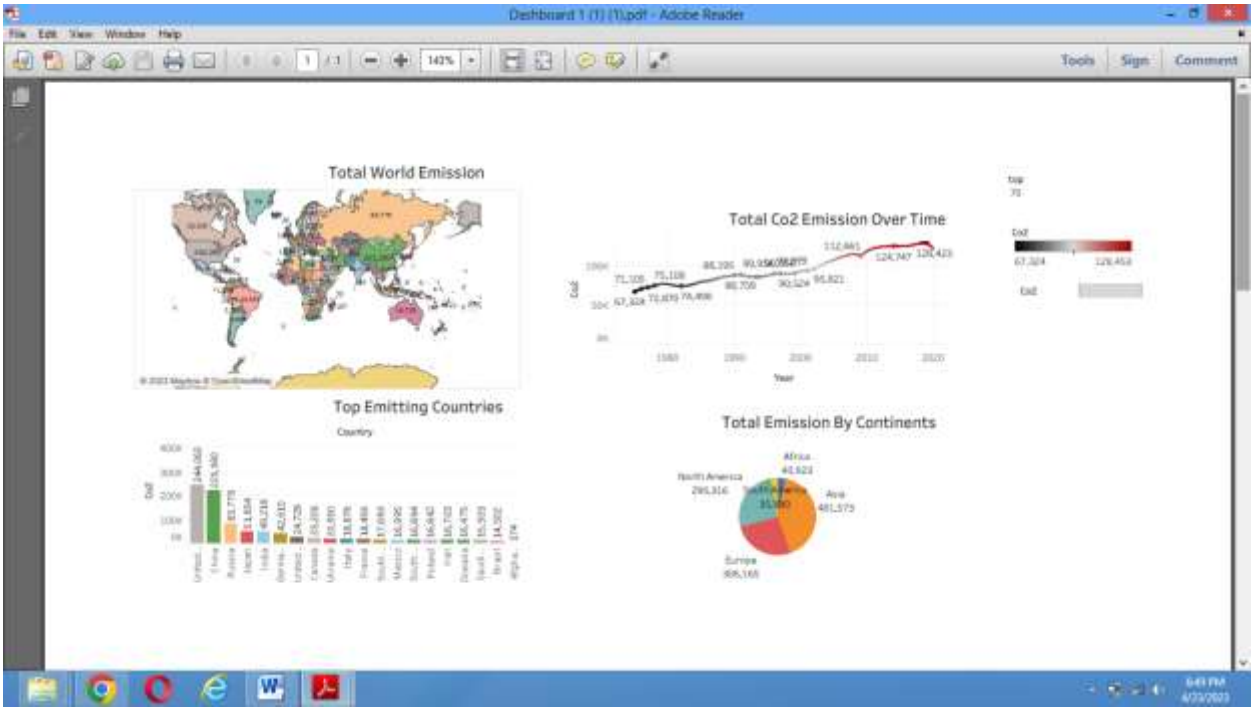


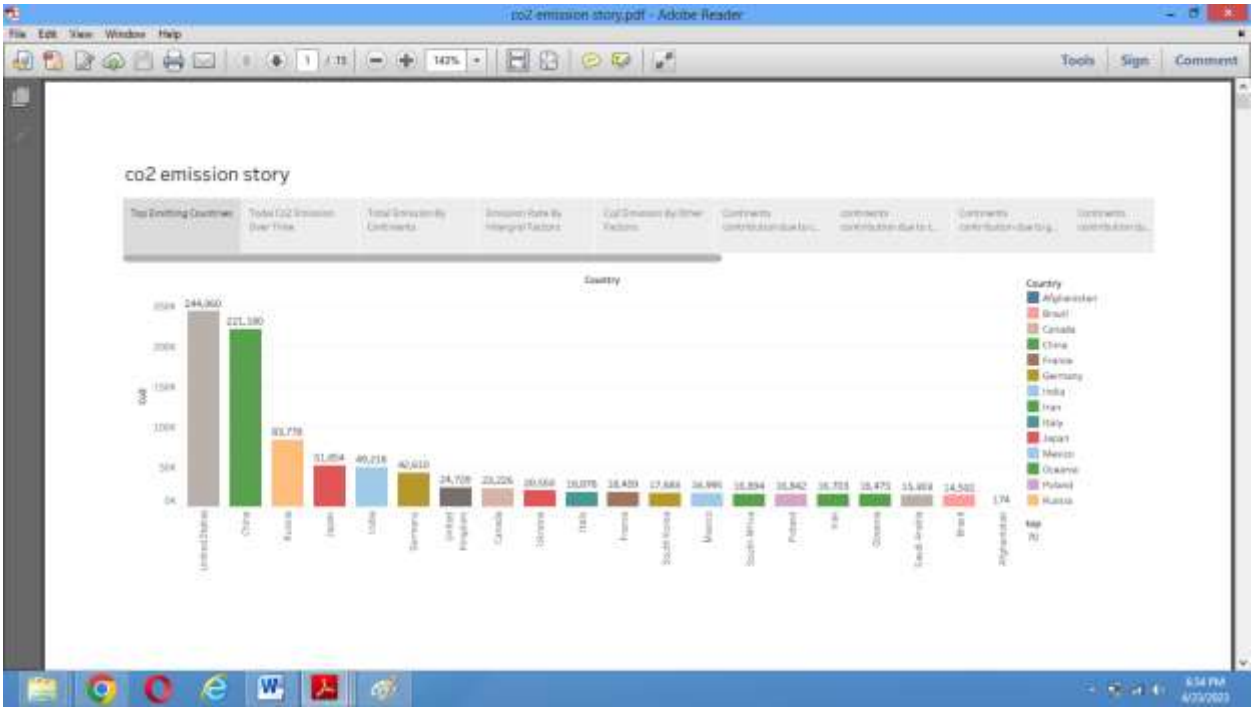
2.2 Ideation & Brainstorming Map

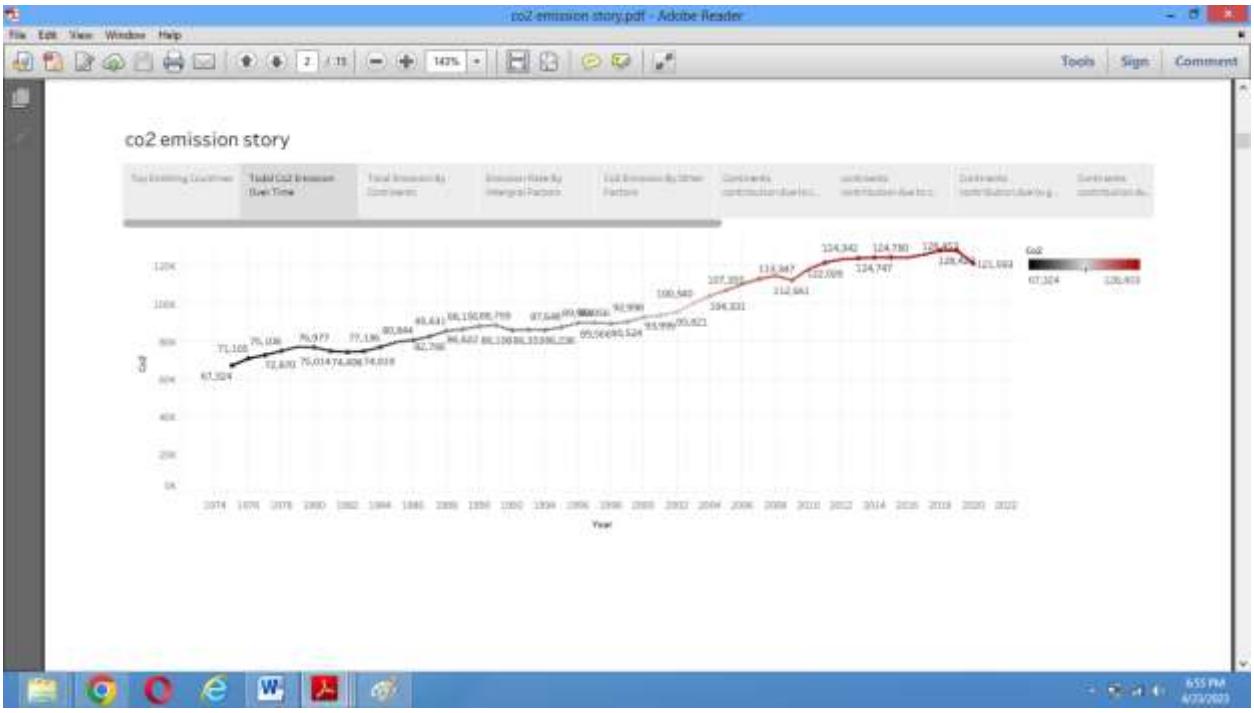


3. RESULT

The responsiveness and design of a dashboard for analyzing the globally Co2 Emission. It is crucial to ensure that the information is easily understandable and actionable. Key considerations for designing a responsive and effective dashboard include user-centred design, clear and concise information, interactivity, data-driven approach, accessibility, customization. Once you have created views on different sheets in Tableau, you can pull them into a dashboard.




co2 emission story.pdf - Adobe Reader
File Edit View Window Help
Tools Sign Comment
co2 emission story
Country
Co2
Country
Afghanistan
Brazil
Canada
China
France
Germany
India
Iran
Italy
Japan
Mexico
Oceania
Poland
Russia
244,960
221,180
83,778
51,054
49,218
42,610
24,709
23,226
20,550
19,078
18,459
17,684
16,996
16,894
16,842
16,755
16,475
15,404
14,560
174
United States
China
Russia
Japan
India
Germany
United Kingdom
Canada
Ukraine
Italy
France
South Korea
Mexico
South Africa
Poland
Iran
Oceania
Saudi Arabia
Brazil
Afghanistan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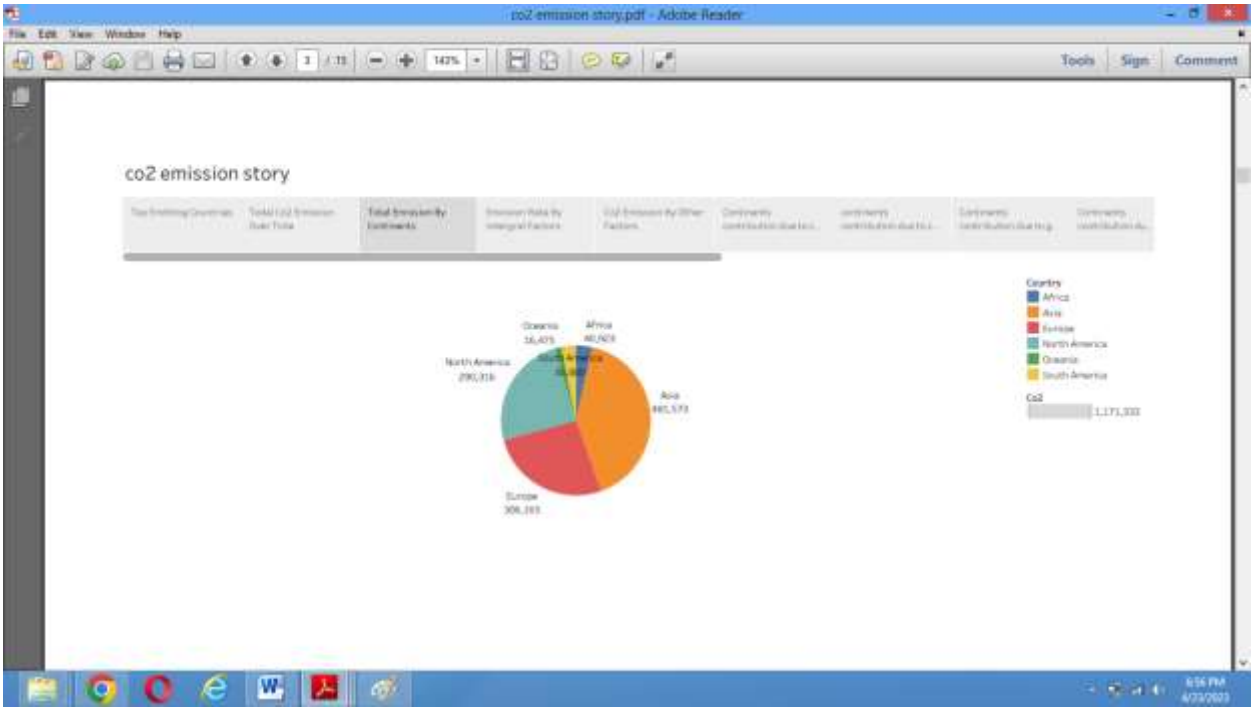
Tools Sign Comment
co2 emission story
Co2
67,324
120,403
Co2
Year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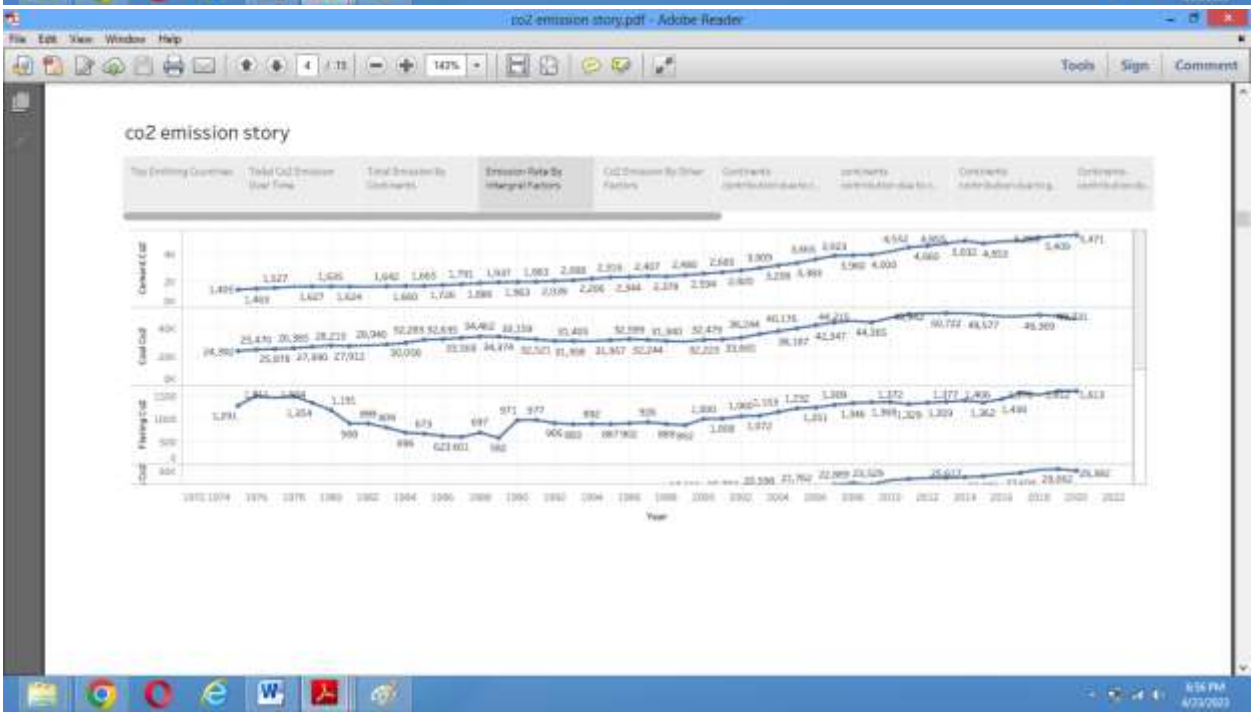
co2 emission story
Countries
Africa
Asia
Europe
North America
Oceania
South America
Co2
Oceania
16,435
Africa
North America
290,316
Asia
Europe
6:56 PM
6/23/2023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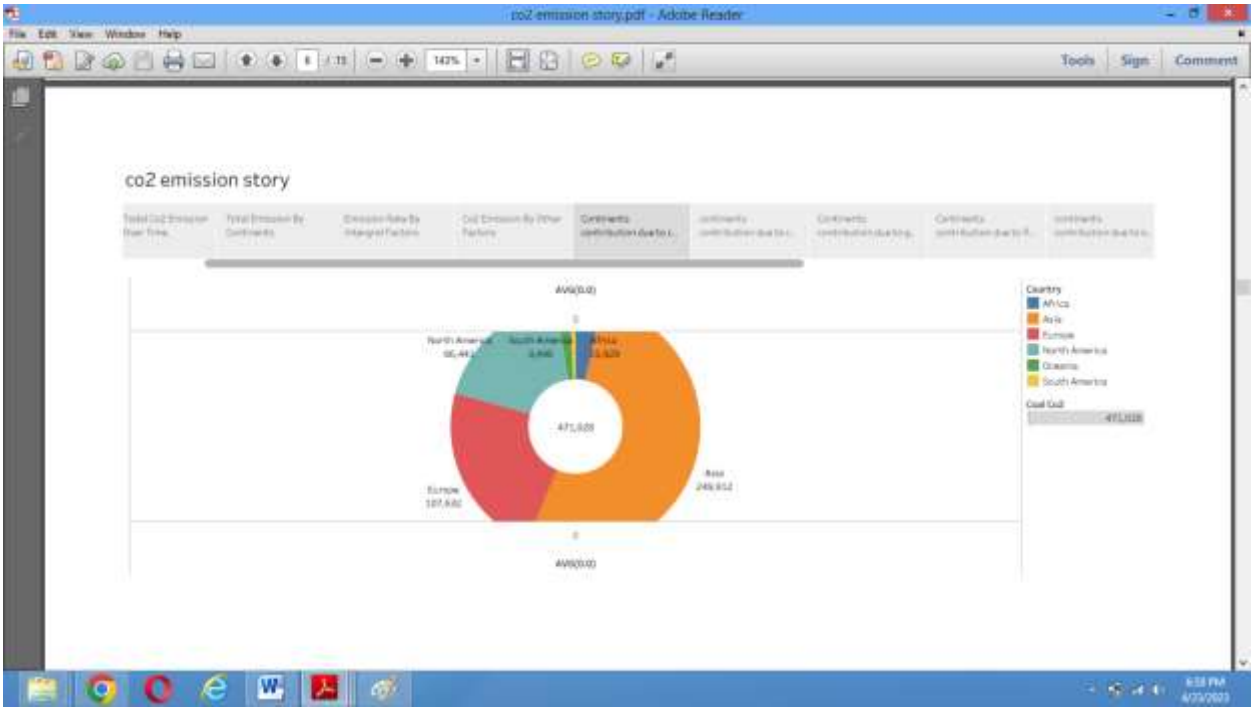
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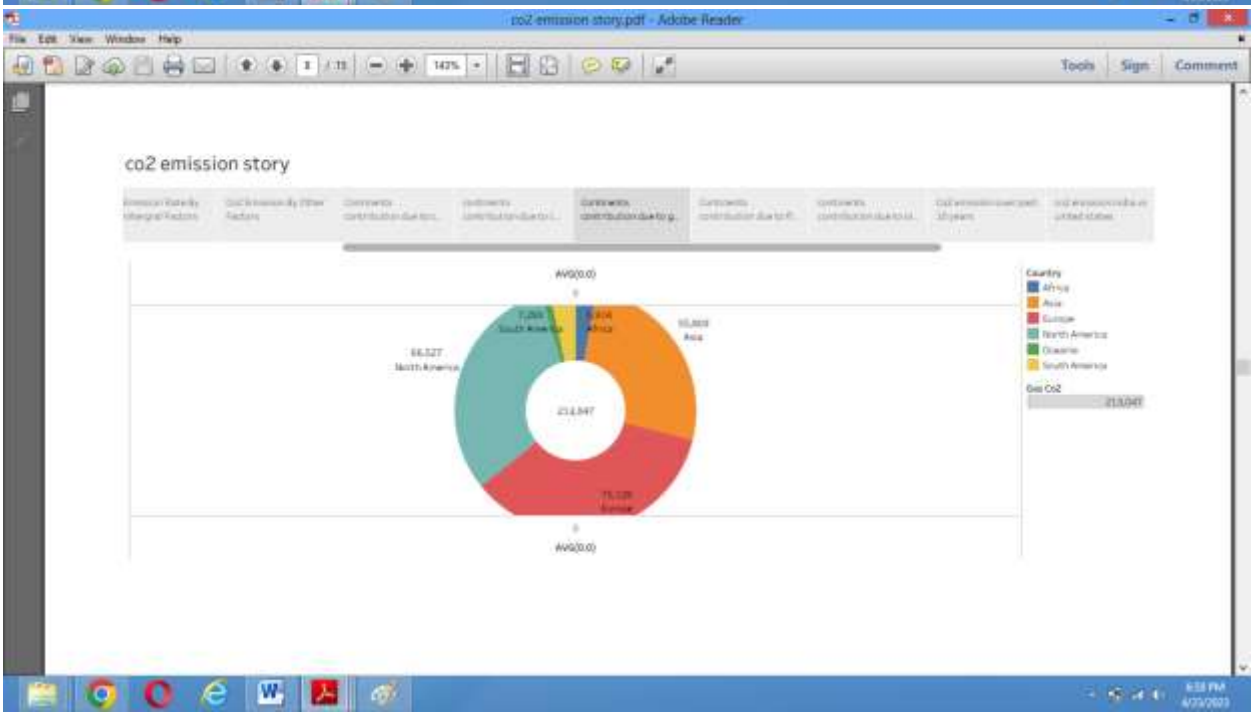
Tools
Sign
Comment
co2 emission story
AVG(0.0)
Country
Africa
Asia
Europe
North America
Oceania
South America
Sum Co2
471,020
AVG(0.0)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Sign
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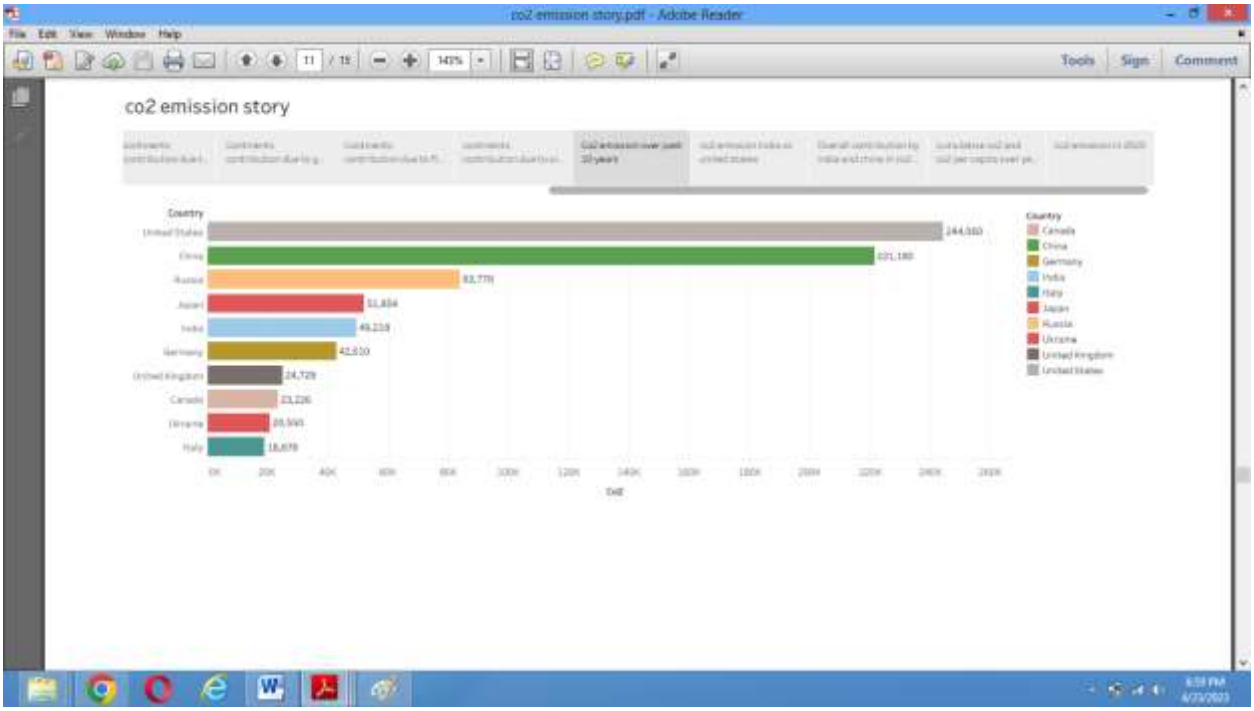
Country
Africa
Asia
Europe
North America
Oceania
South America
Sum Co2
213,047
AVG(0.0)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co2 emission story
Country
244,560
121,180
83,779
51,834
49,219
42,610
24,728
23,226
20,995
18,678
Country
Canada
China
Germany
India
Italy
Japan
Russia
Ukraine
United Kingdom
United States

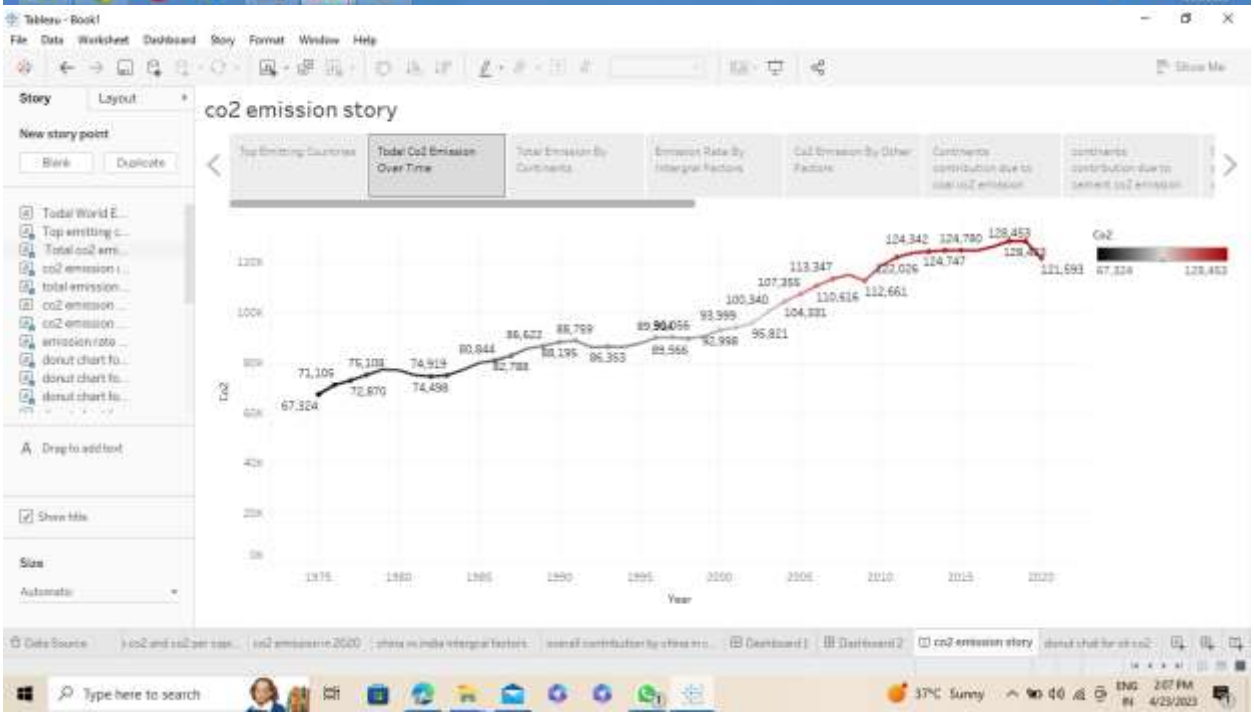
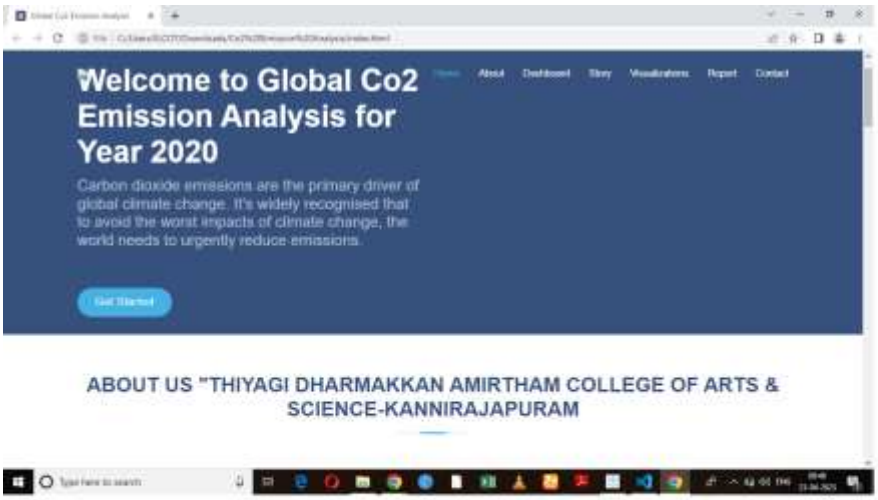
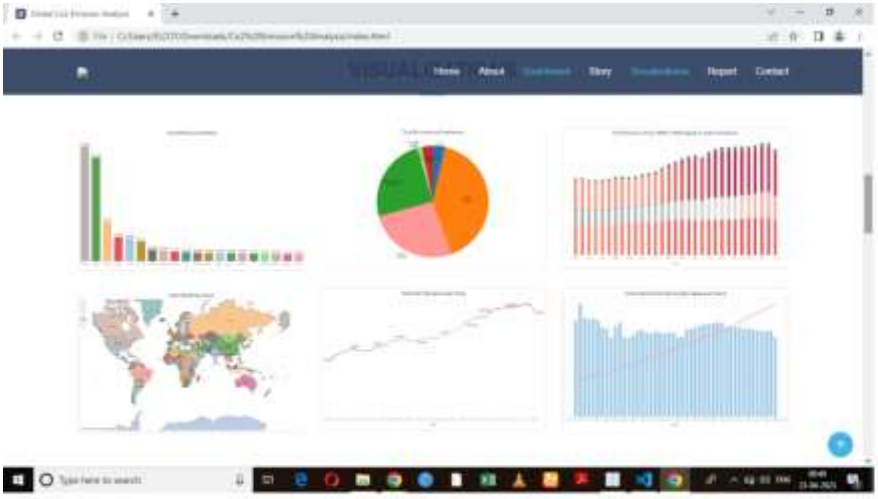


Tableau - Book1
co2 emission story
Total Co2 Emission Over Time
Co2
67,324
71,105
72,870
76,108
74,498
74,919
80,844
82,788
86,622
88,195
88,709
86,353
89,900
89,566
93,999
92,998
96,821
100,340
104,331
107,355
110,616
113,347
112,661
124,342
124,747
124,780
128,453
121,693
Year





4. **ADVANTAGES & DISADVANTAGES**
    1. **To identify the human activities on carbon dioxide CO2 emissions of a statistical analysis**
    2. **It helps to Reduce these co-emitted air pollutants improves air quality and benefits human health**
    3. **These CO2 emissions have been largely attributed to the burning of fossil fuels and other human activities such as the ongoing deforestation of the planet.**

5. APPLICATIONS

The business requirements for analysing the Co2 Emission Globally over time, identifying affecting factors, creating interactive dashboards and reports, identifying areas for improvement, making data-driven decisions, comparing to countries average and creating forecasting models for future performance. The ultimate goal is to gain insights and reduce the emission through data visualization techniques

6. CONCLUSION

The literature survey would also explore any existing research on Co2 Emission specifically, and would aim to identify any challenges or opportunities that the Countries can opt to reduce emission

7. FUTURE SCOPE

Social Impact: Carbon dioxide emissions are the primary driver of global climate change. It's widely recognised that to avoid the worst impacts of climate change, the world needs to urgently reduce emissions. Business Model/Impact: By conducting an analysis the countries can identify areas for improvement and take steps to reduce factors that are responsible for Co2 Emission for environmental sustainability by improving the efficiency and transitioning to low carbon alternatives