

## PROJECT NAME:

Unearthing the Environmental Impact of Human Activity: A Global CO<sub>2</sub> Emission Analysis

## TEAM MEMBERS:

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## PROJECT REPORT

### INTRODUCTION

Carbon dioxide (CO<sub>2</sub>) is a colourless, odourless and non-poisonous gas formed by combination of carbon and in the respiration of living organisms and is considered a **green house gas**.

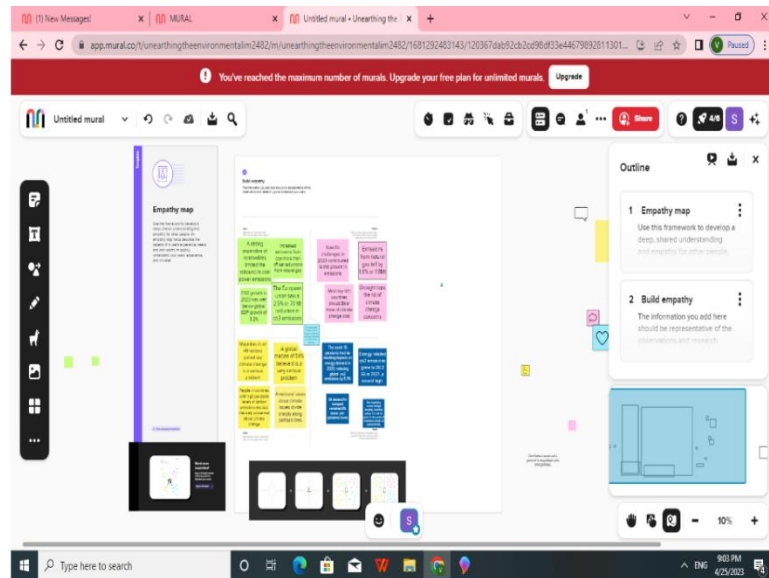
Emission means the release of greenhouse gases and their processor into the atmosphere our a specified area and period of time **Carbon dioxide Emission** are emissions stemming from the burning of **fossil fuels** and the manufacture of cement; they include carbon dioxide produced during consumption of solid, liquid and gas fuels as well as gas flaring.

### PURPOSE

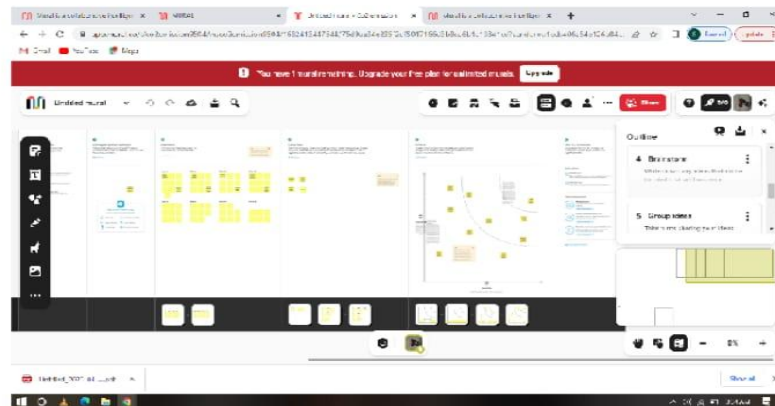
The carbon in CO<sub>2</sub> can be used to produce fuels that are in use today, including **methane, methanol, gasoline and aviation fuels**.

# Problem Definition & Design Thinking

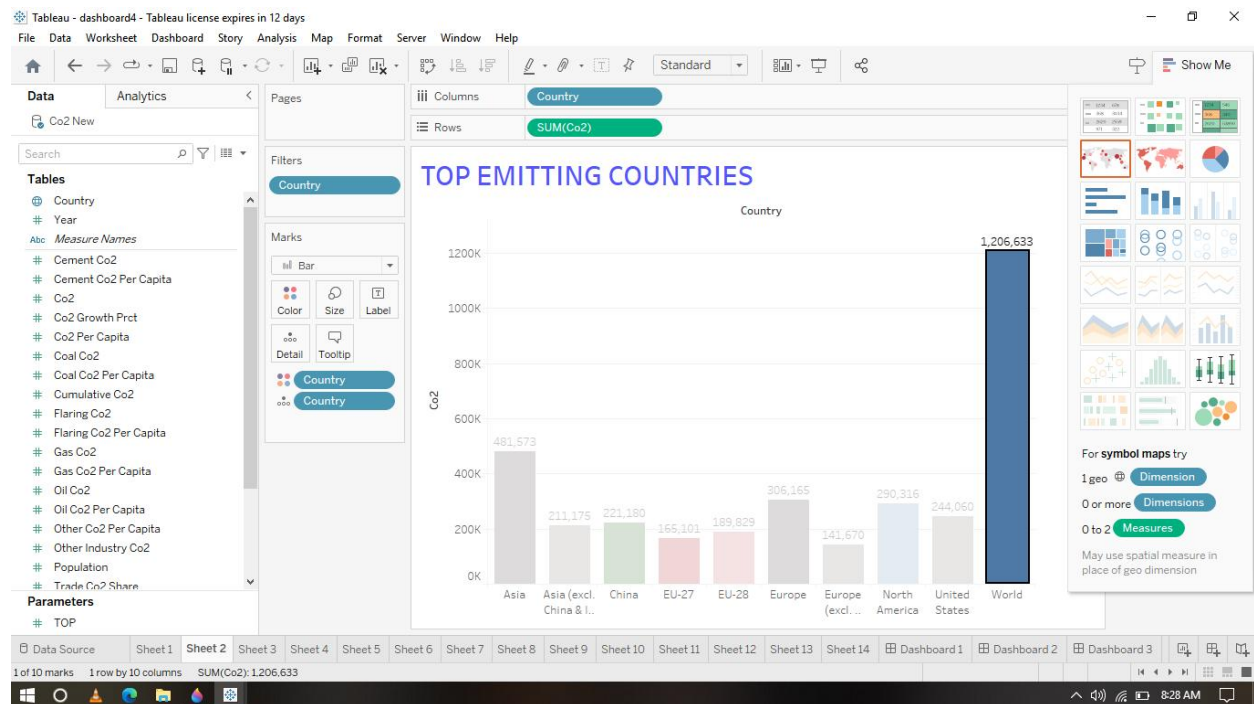
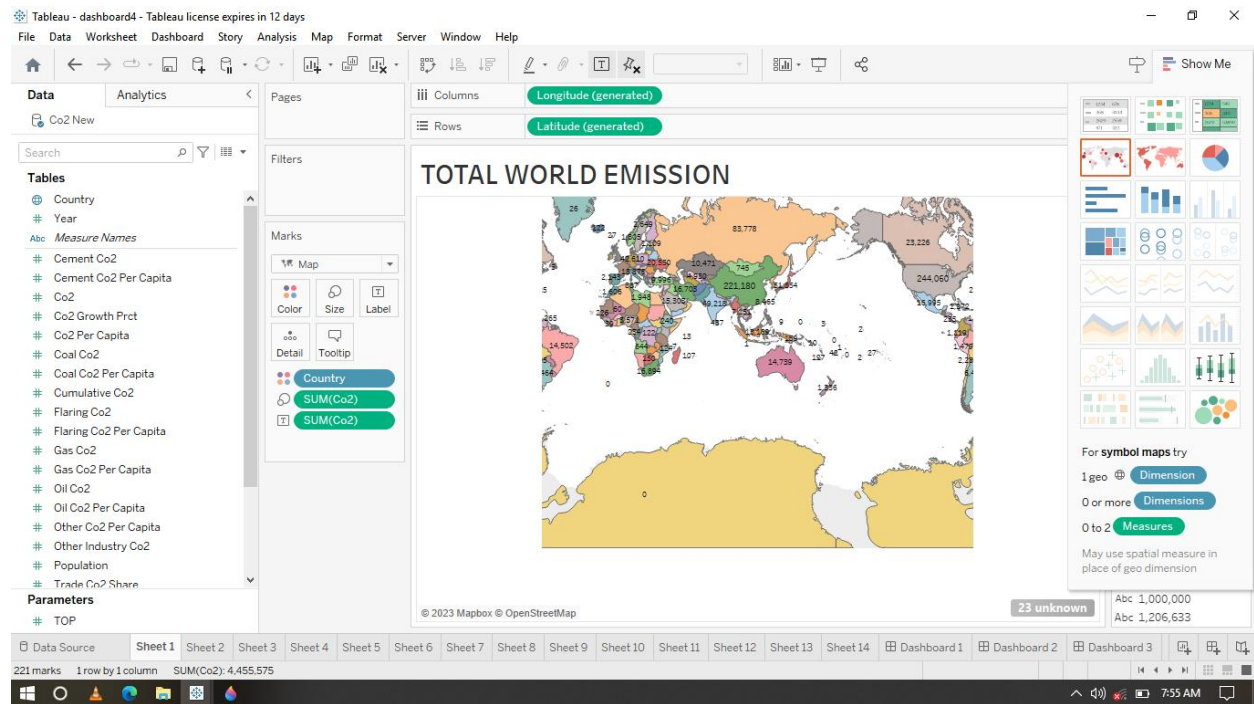
## 2.1 Empathy Map:

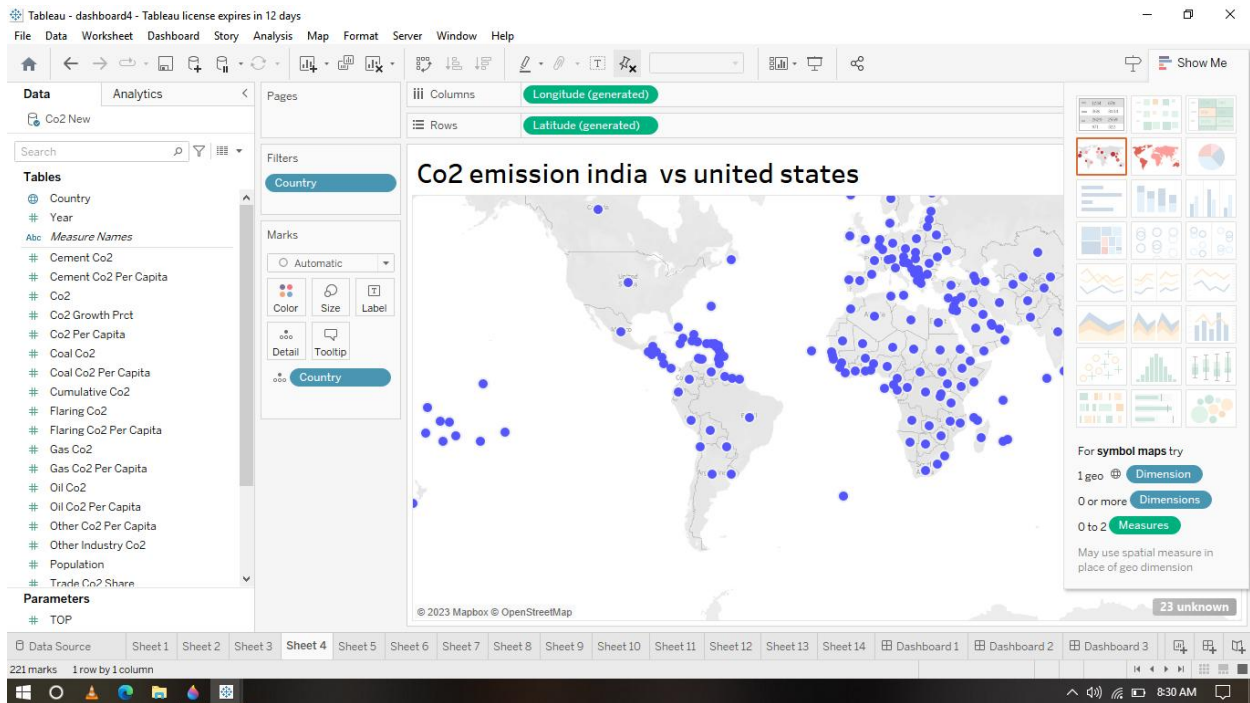
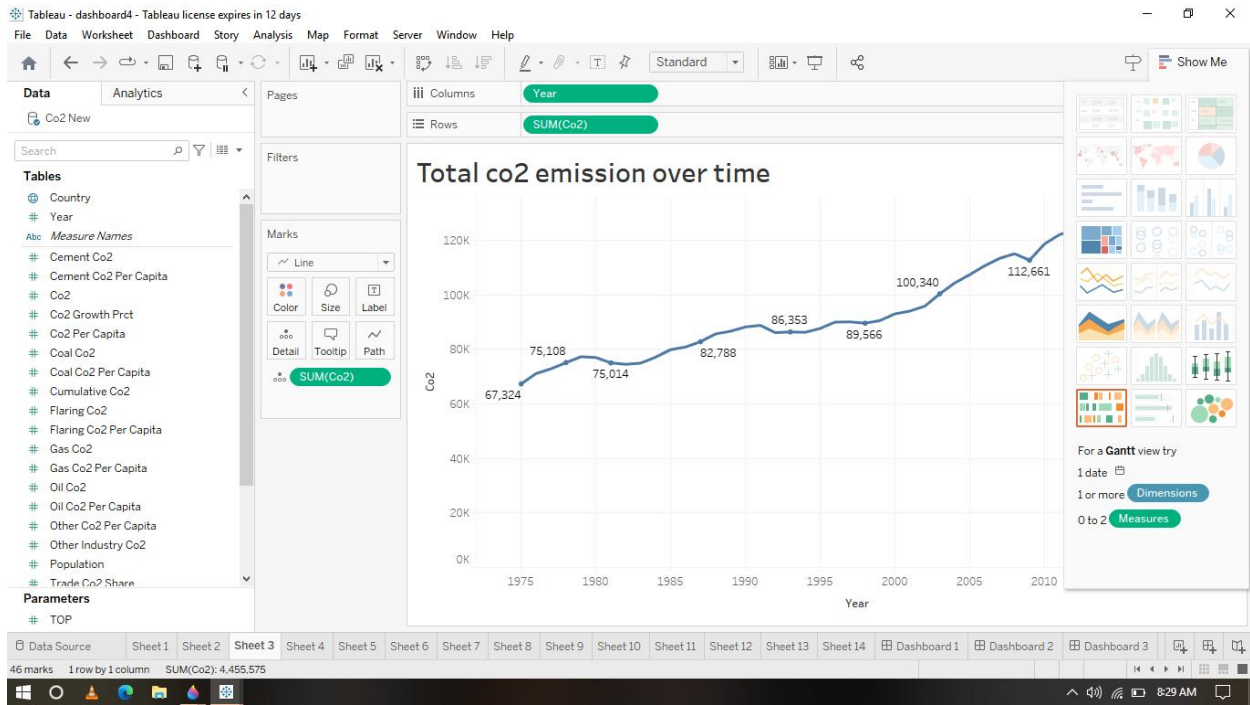


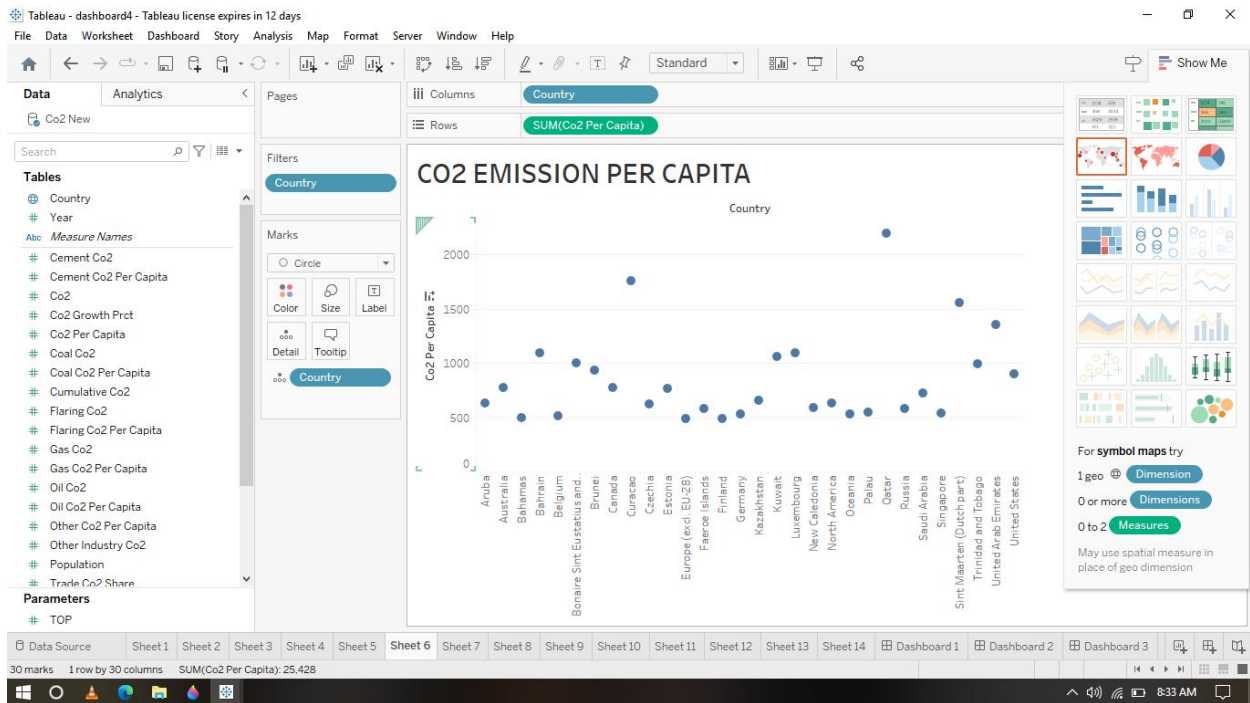
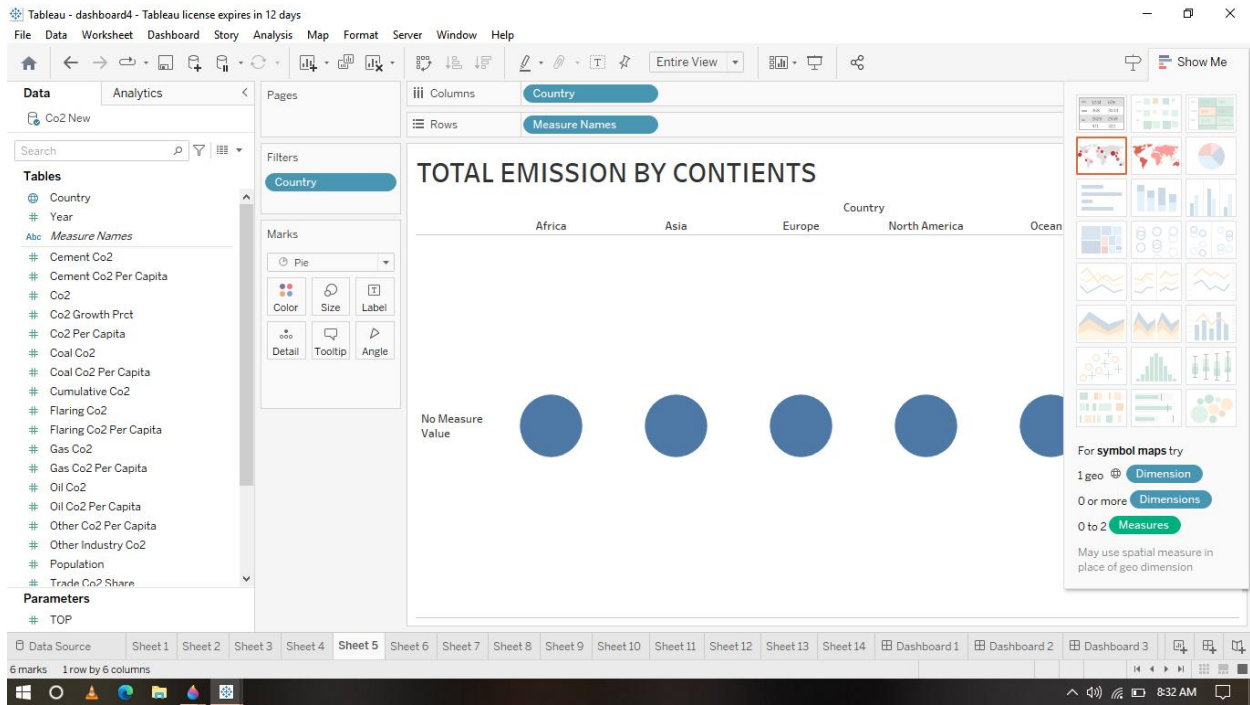
## 2.2 Brainstorming Map:



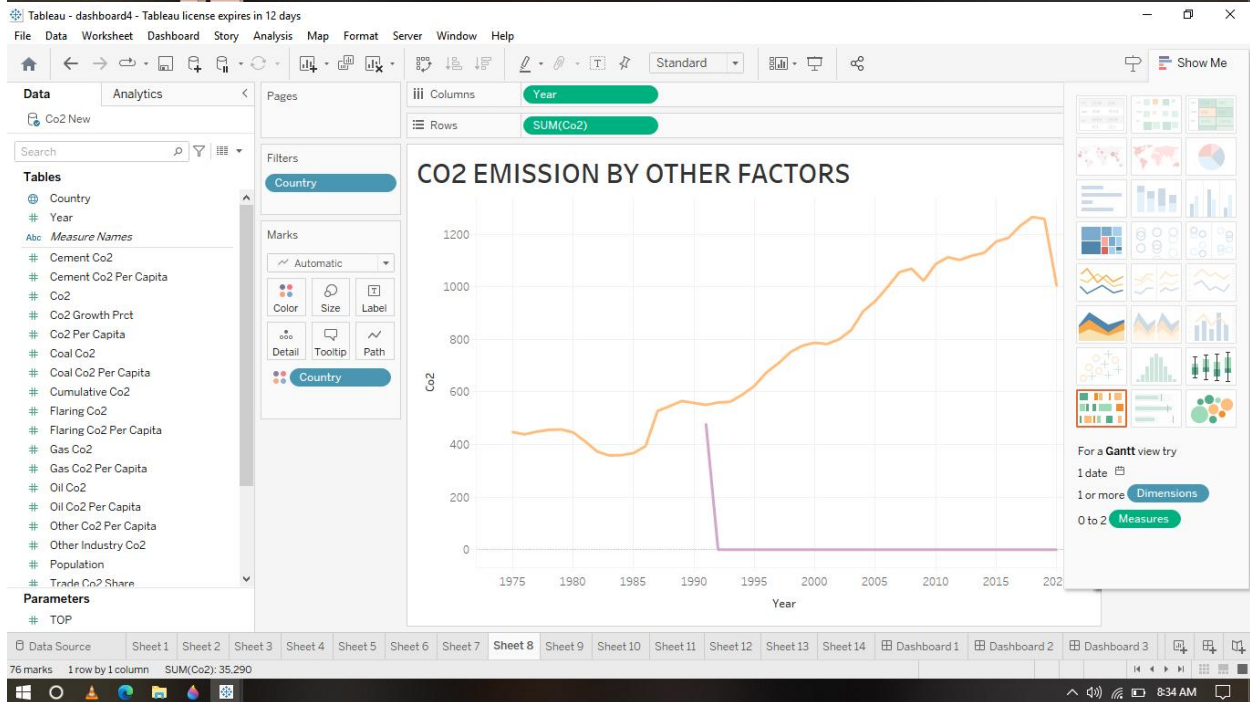
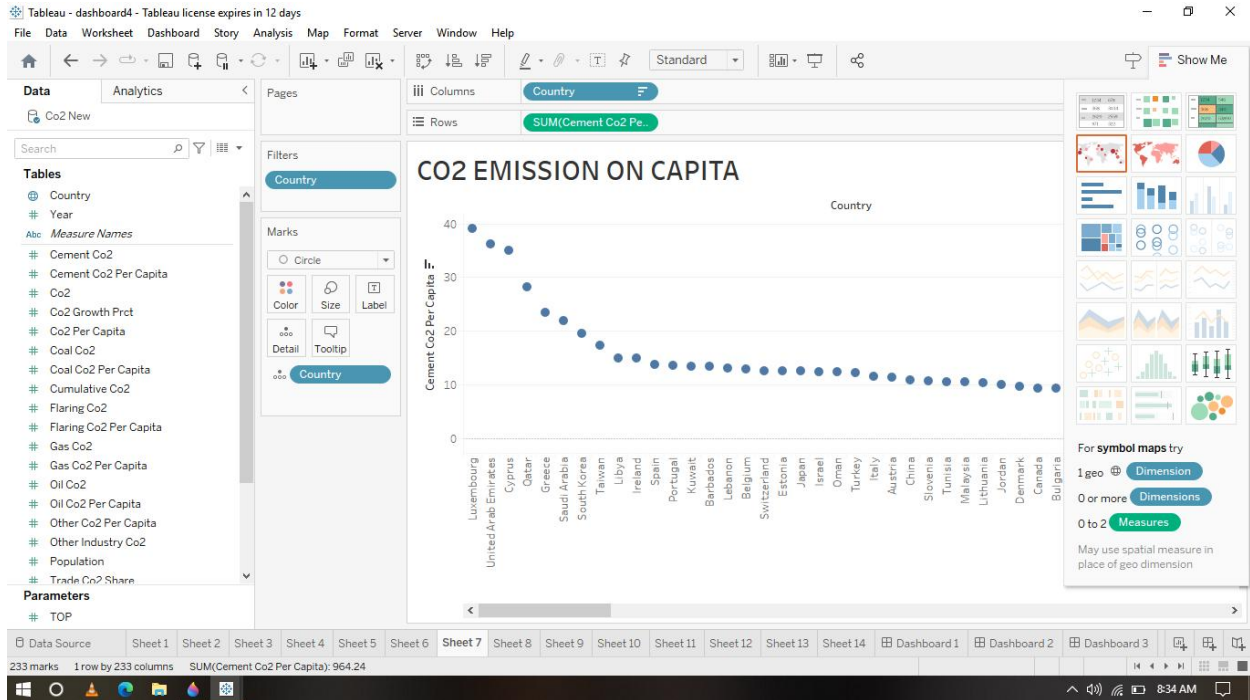
# RESULT:

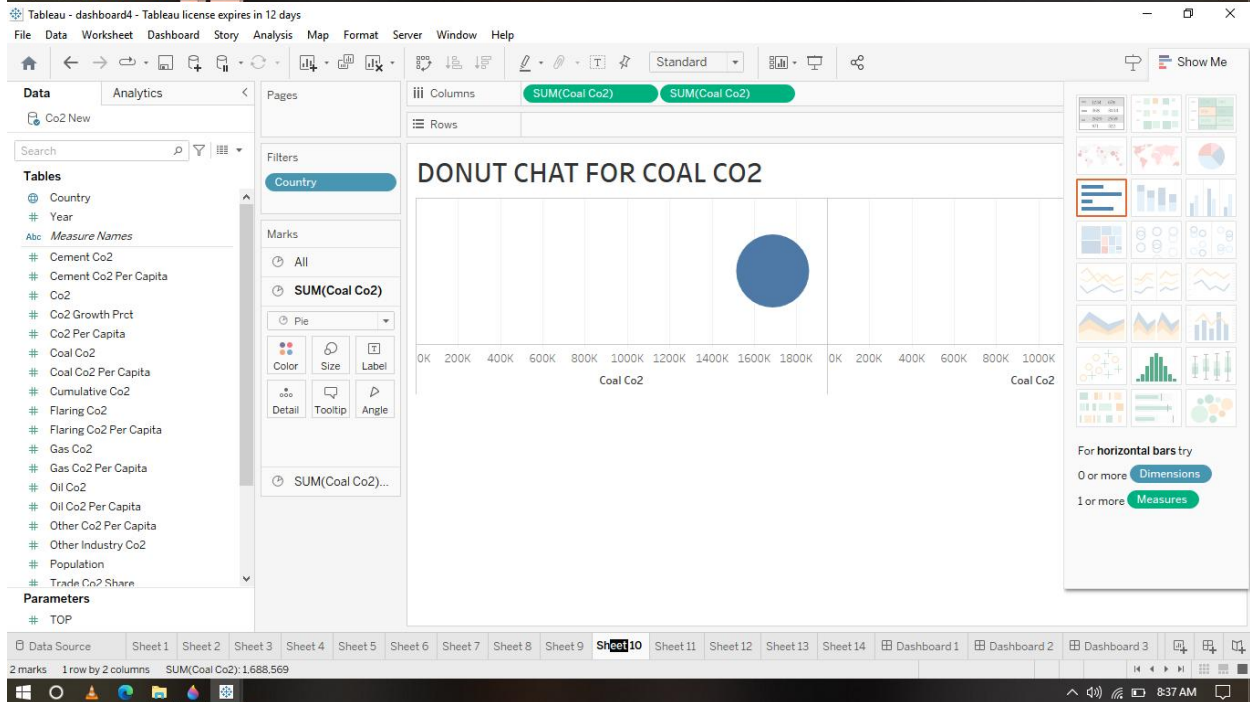
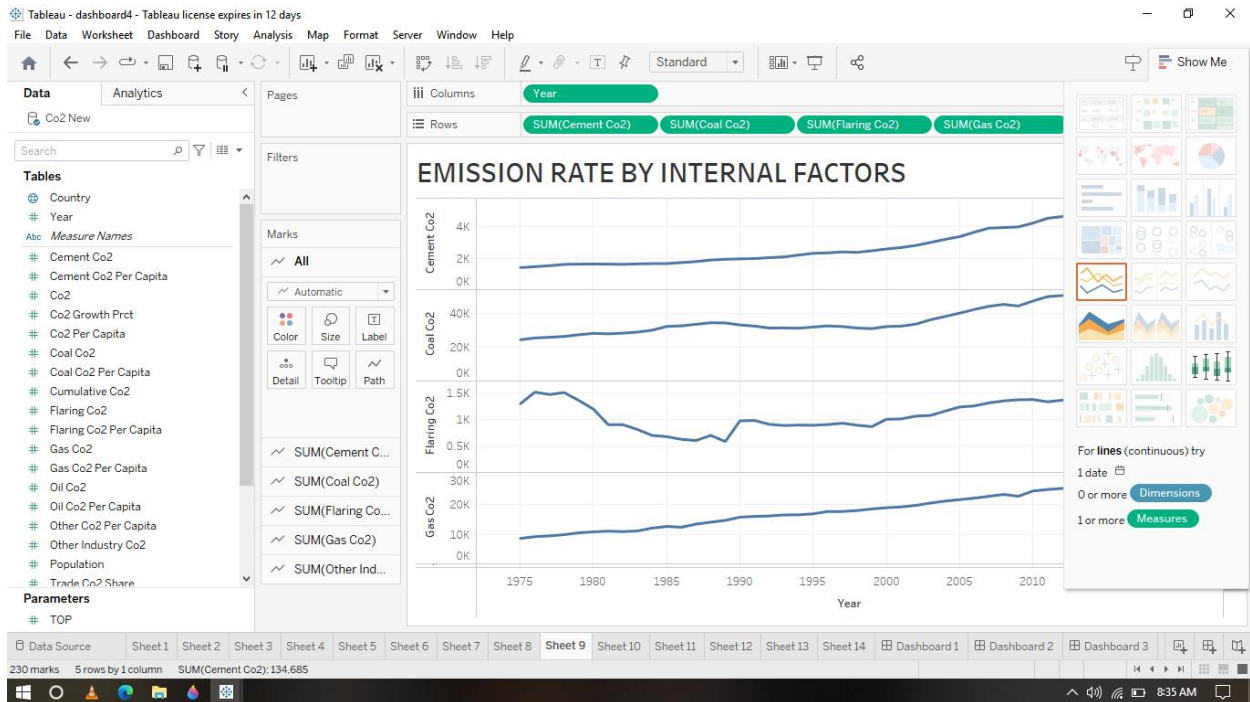






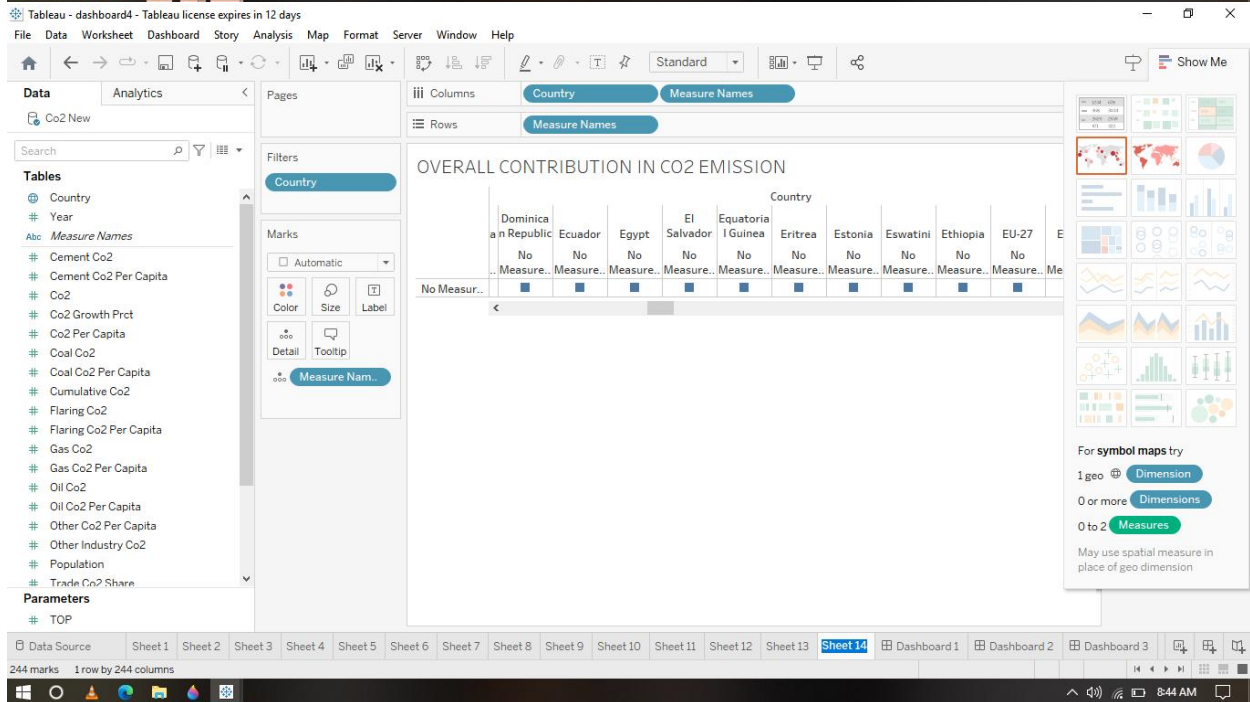
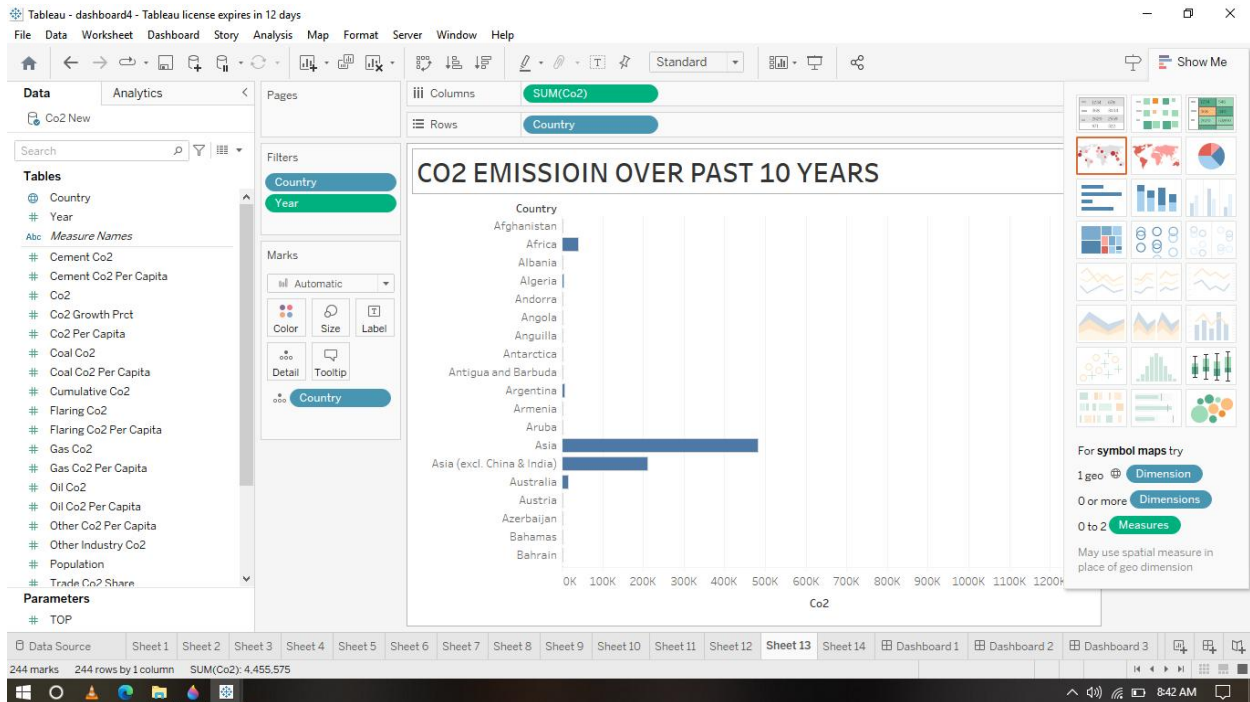


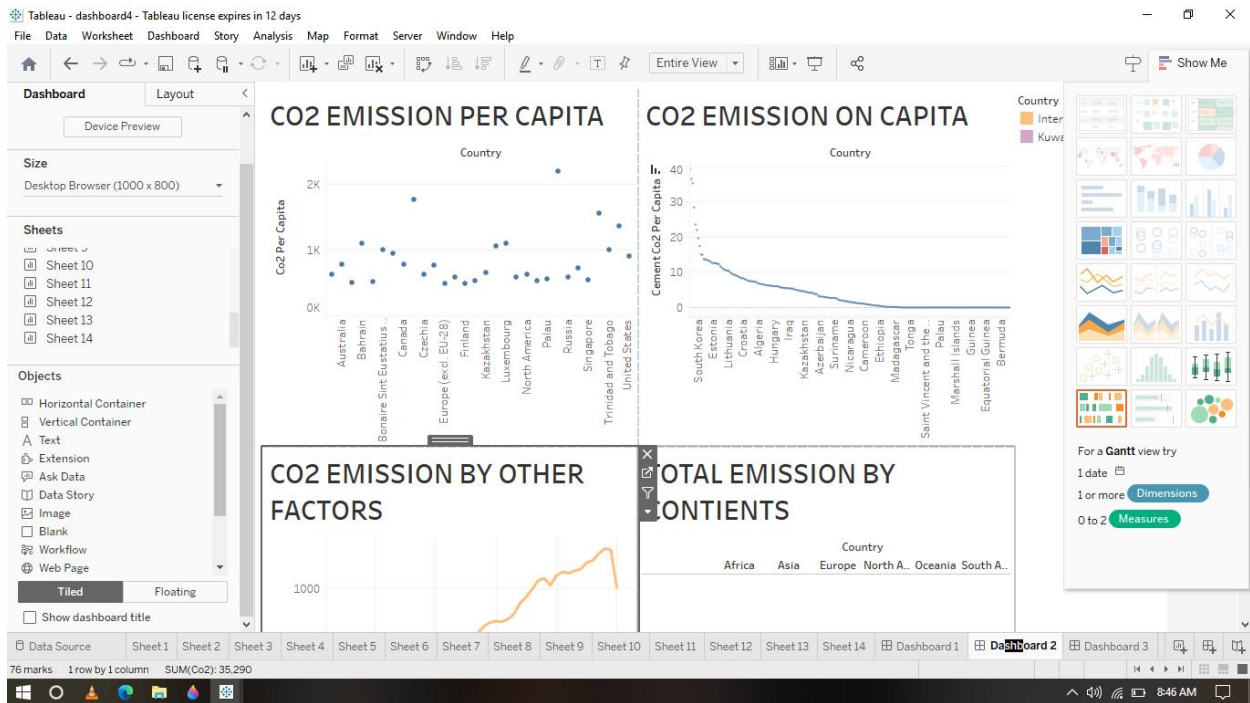
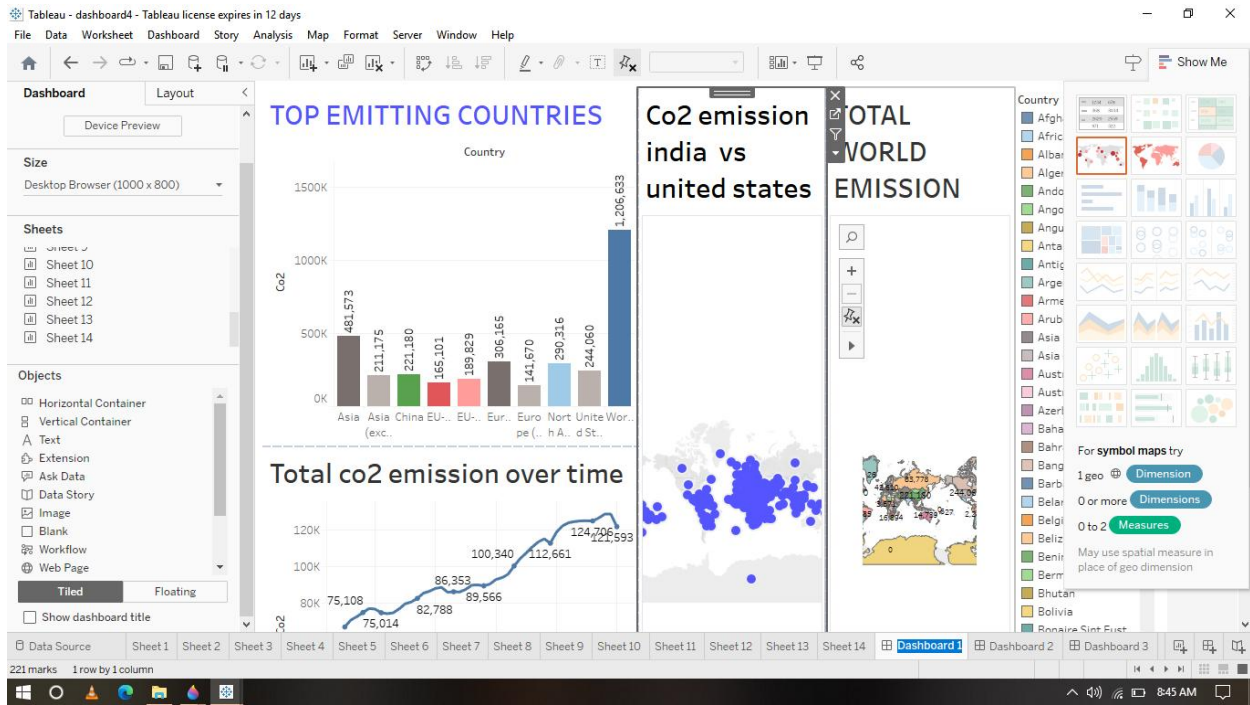


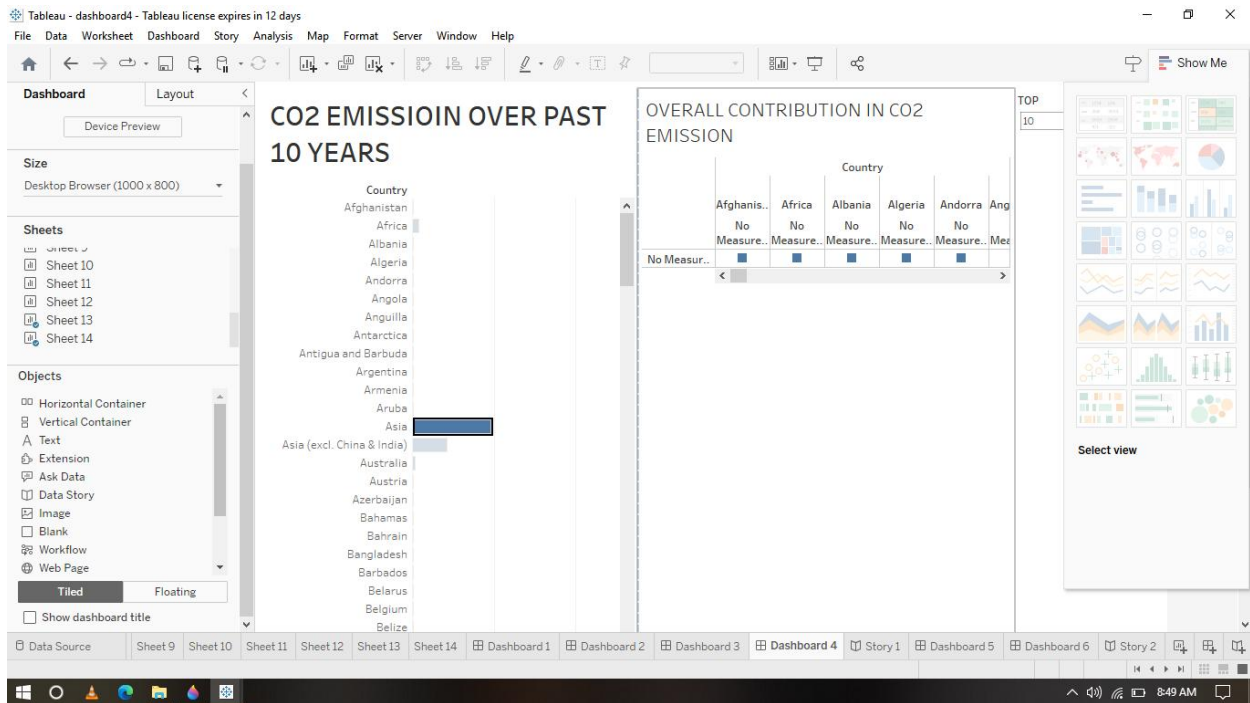
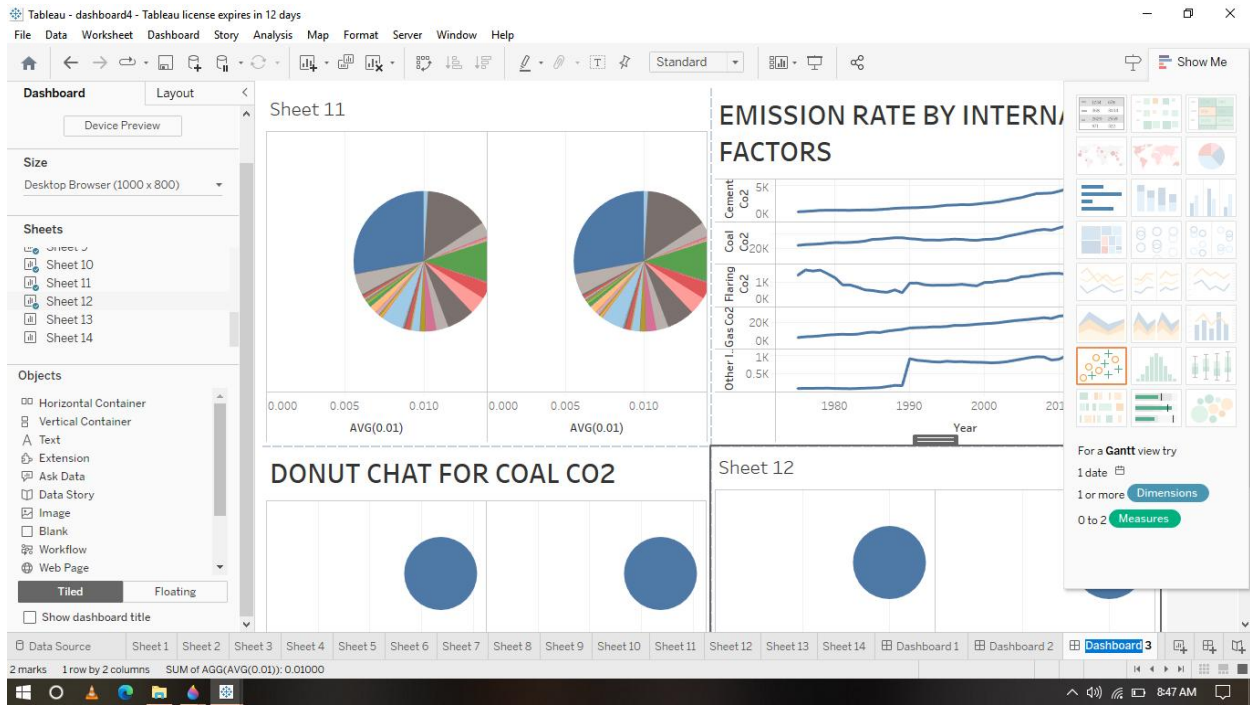


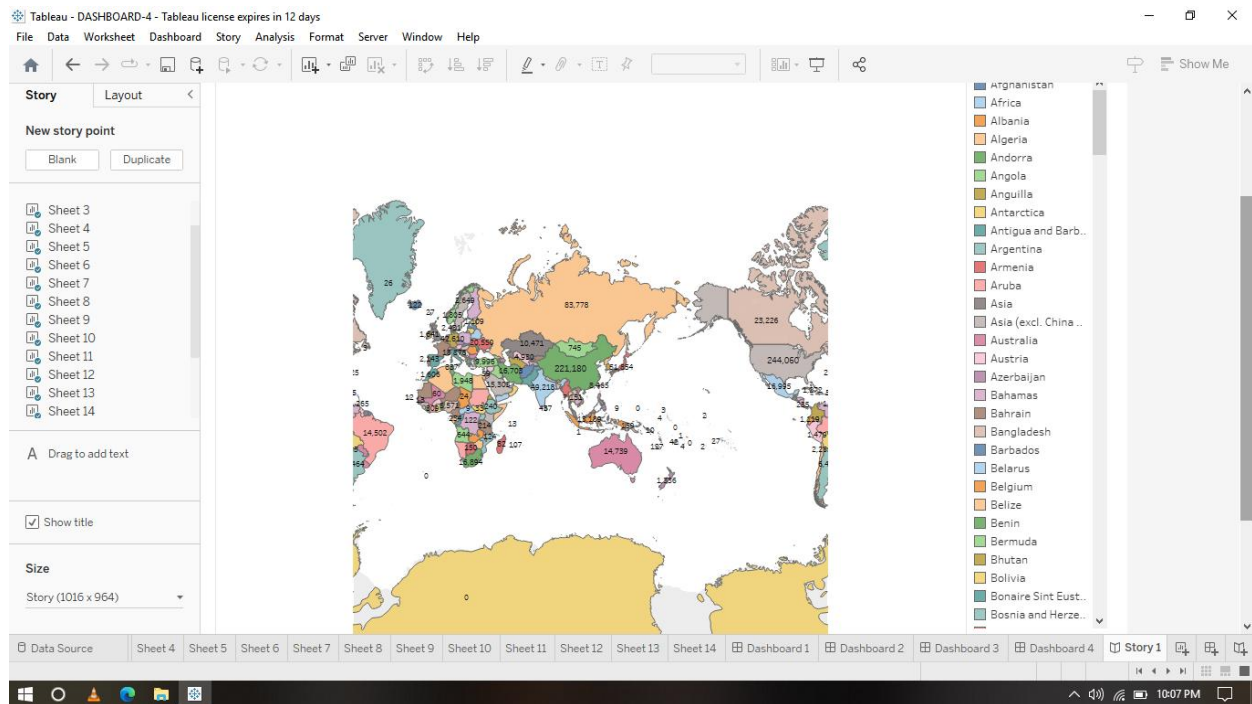












## ADVANTAGES:

- Green plants grow faster with more CO<sub>2</sub>.
- Many also become more drought-resistant because higher CO<sub>2</sub> levels allow plants to use water more efficiently.
- More abundant vegetation from increased CO<sub>2</sub> is already apparent.

## DISADVANTAGES:

- Humans impact the physical environment in many ways: over population, pollution, burning fossil fuels, and deforestation.
- Changes like these have triggered climate change, soil erosion, poor air quality and undrinkable water.

## APPLICATIONS:

Used as a propellant in aerosol cans, it replaces more environmentally troublesome alternatives.

## CONCLUSION:

The rising level of atmospheric CO<sub>2</sub> could be the one global natural resource that is progressively increasing food production and total biological output, in a world of otherwise diminishing natural resources of land, water, energy, minerals and fertilizer.

Appendix :

```
<!DOCTYPE html>
<html lang="en">
```

```
<head>
```

```
  <meta charset="utf-8">
  <meta content="width=device-width, initial-scale=1.0" name="viewport">
```

```
  <title>Global Co2 Emission Analysis</title>
```

```
  <meta content="" name="description">
```

```
  <meta content="" name="keywords">
```

```
  <!-- Favicons -->
```

```
  <link href="assets/img/favicon.png" rel="icon">
```

```
  <link href="assets/img/apple-touch-icon.png" rel="apple-touch-icon">
```

```
  <!-- Google Fonts -->
```

```
  <link href="https://fonts.googleapis.com/css?family=Open+Sans:300,300i,400,400i,600,600i,700,700i|Jost:300,300i,400,400i,500,500i,600,600i,700,700i|Poppins:300,300i,400,400i,500,500i,600,600i,700,700i" rel="stylesheet">
```

```
  <!-- Vendor CSS Files -->
```

```
  <link href="assets/vendor/aos/aos.css" rel="stylesheet">
```

```
  <link href="assets/vendor/bootstrap/css/bootstrap.min.css" rel="stylesheet">
```

```
  <link href="assets/vendor/bootstrap-icons/bootstrap-icons.css" rel="stylesheet">
```

```
  <link href="assets/vendor/boxicons/css/boxicons.min.css" rel="stylesheet">
```