

A Global CO2 Emission Analysis

**Thiruvalluvar College
Papanasam**

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: M.SETHURAMALAKSHMI

A Global CO₂ Emission **Analysis**

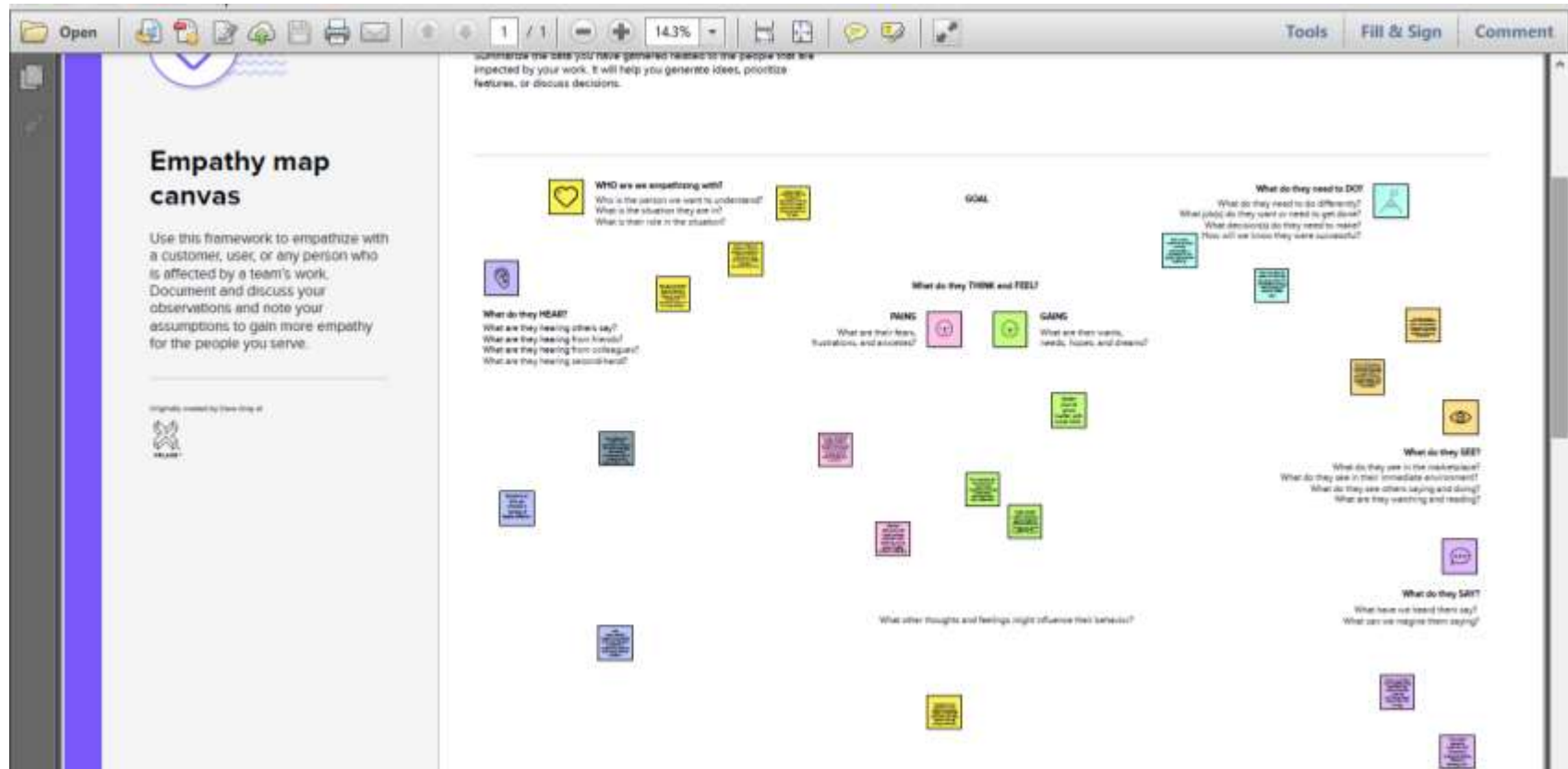
1.Introduction

Carbon dioxide is a naturally occurring colourless and odourless gas. CO₂ enters the atmosphere through burning fossil fuels, solid waste, trees and other biological materials, and also as a result of certain chemical reactions.

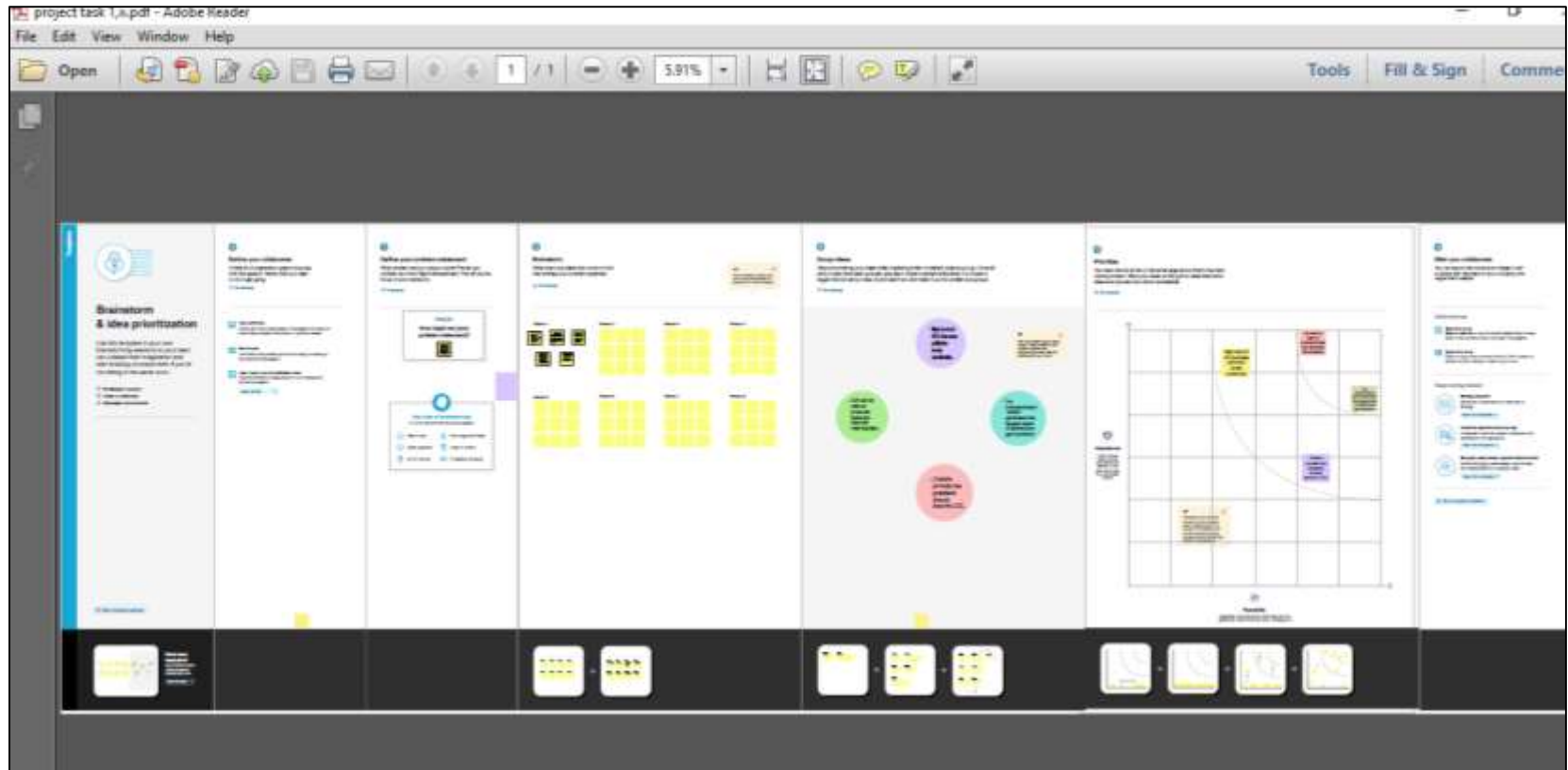
Greenhouse Gas emissions and hazardous air pollutants are toxic air pollutants that are known to pose for serious health threats.

2. Problem Definitions and Design thinking

Empathy map

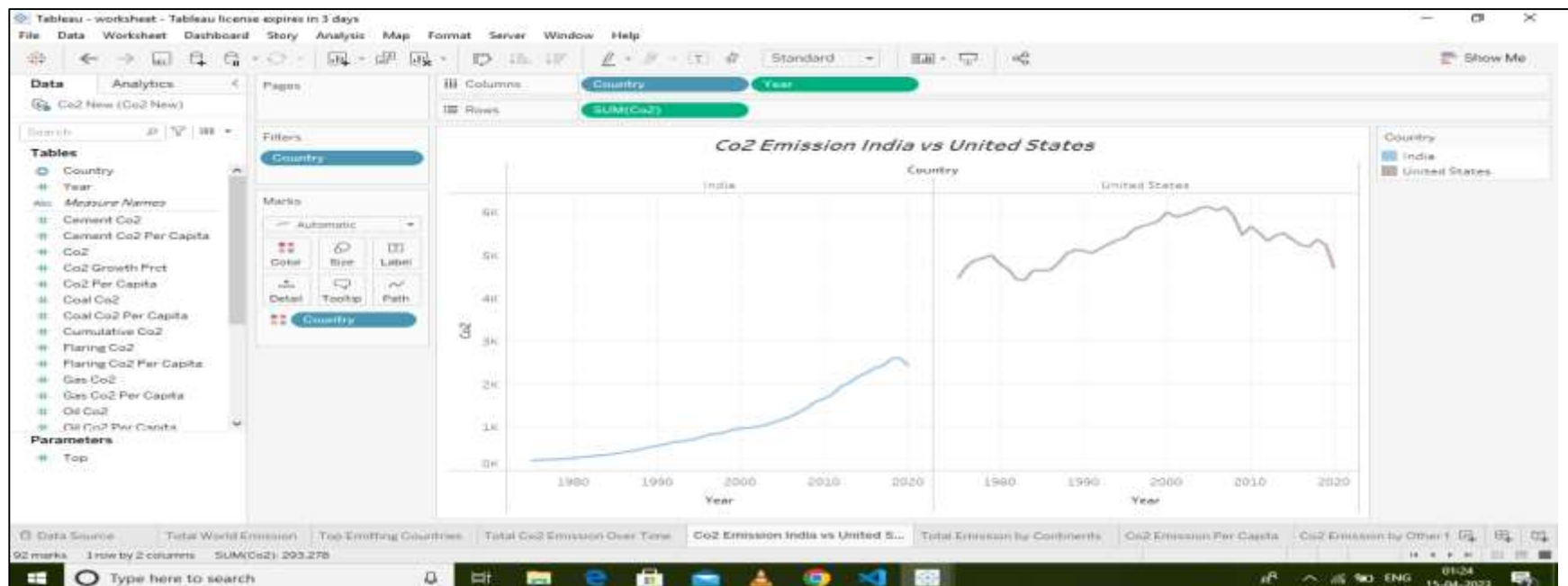


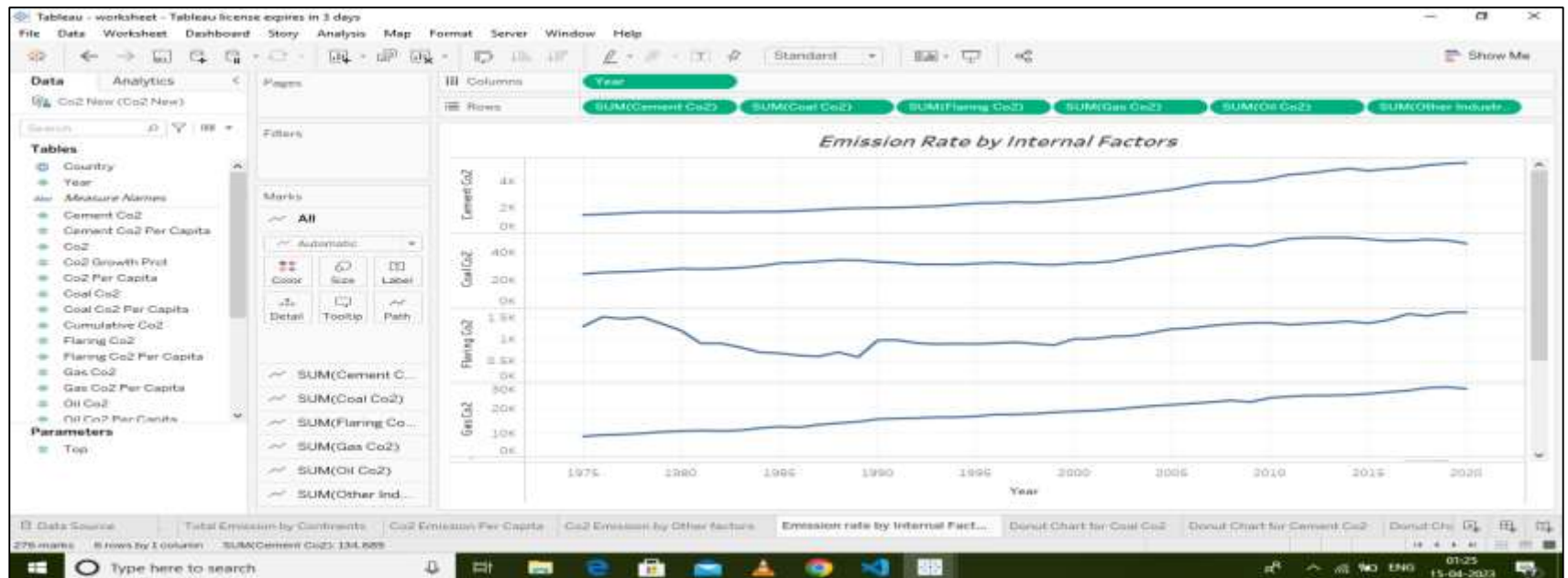
Ideation and brainstorming Map

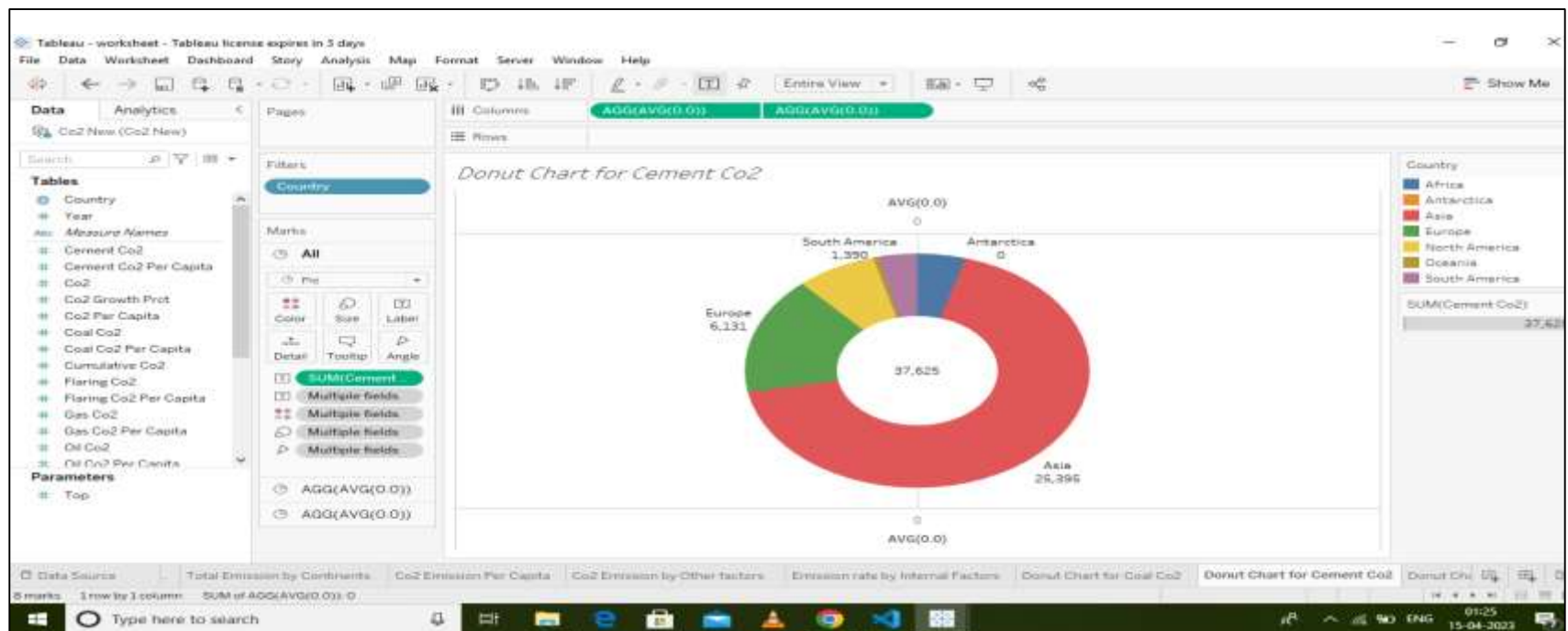
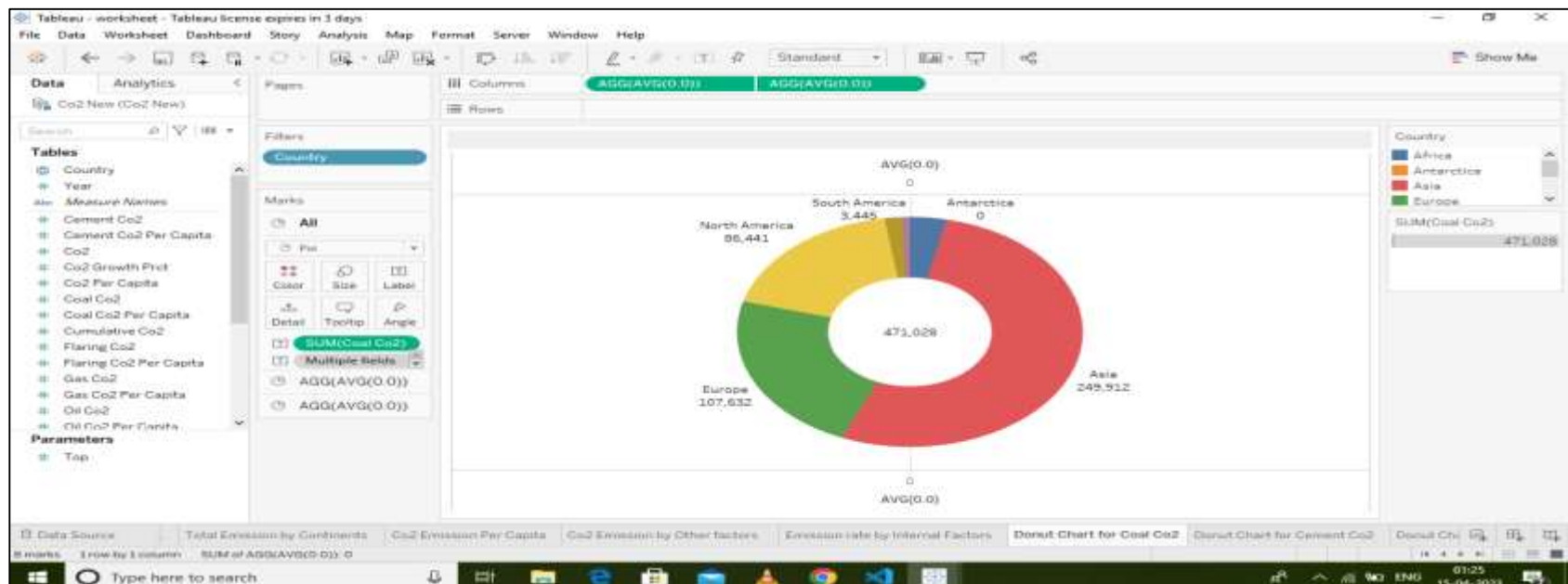


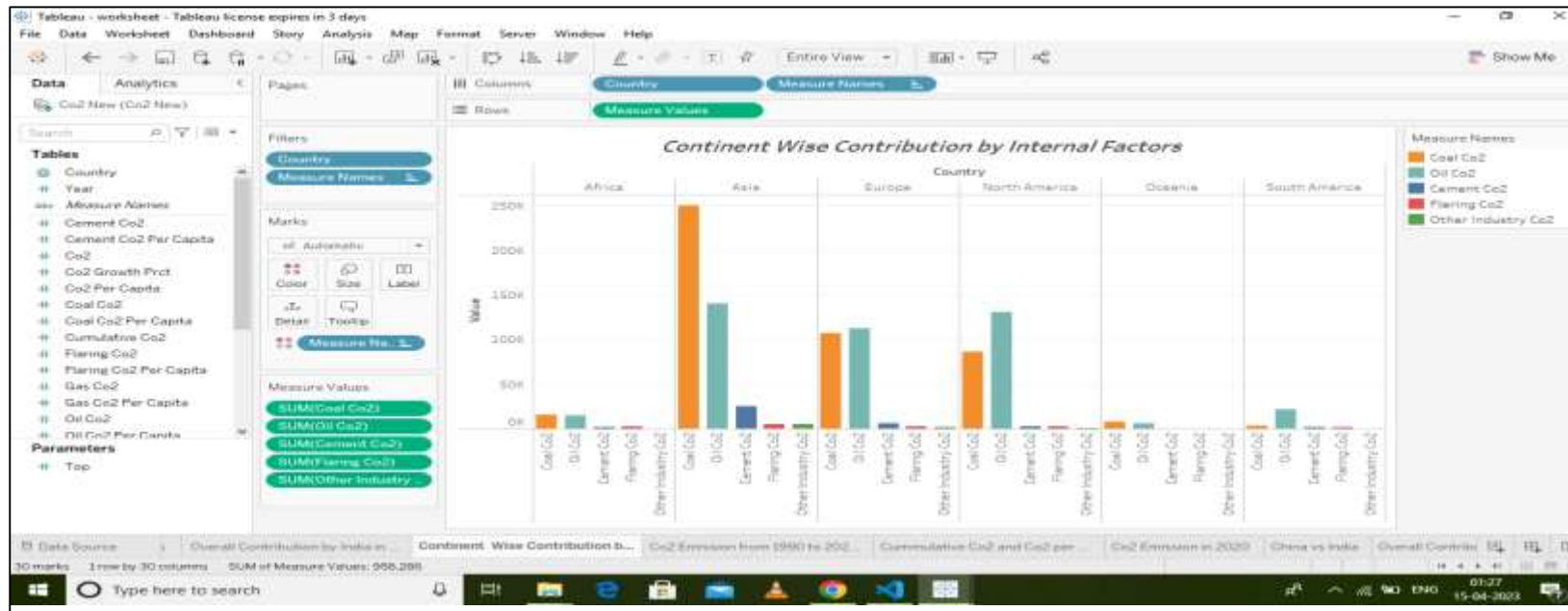
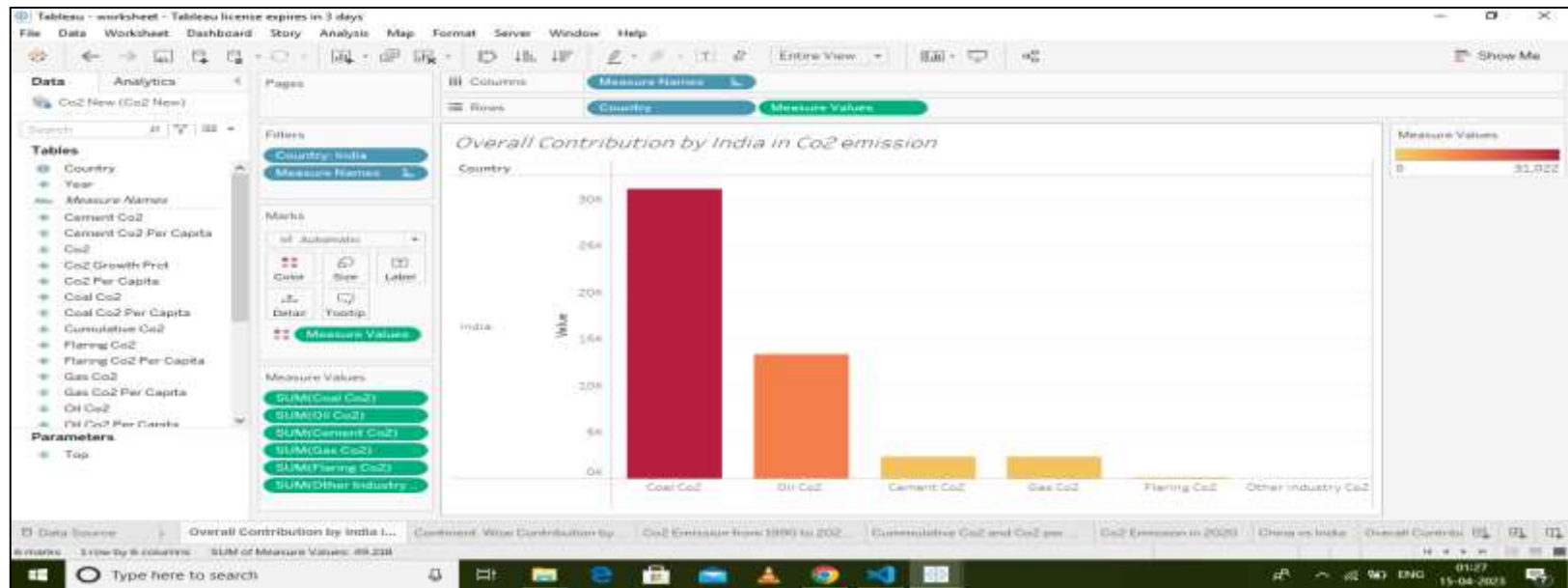
3.Result Tableau output

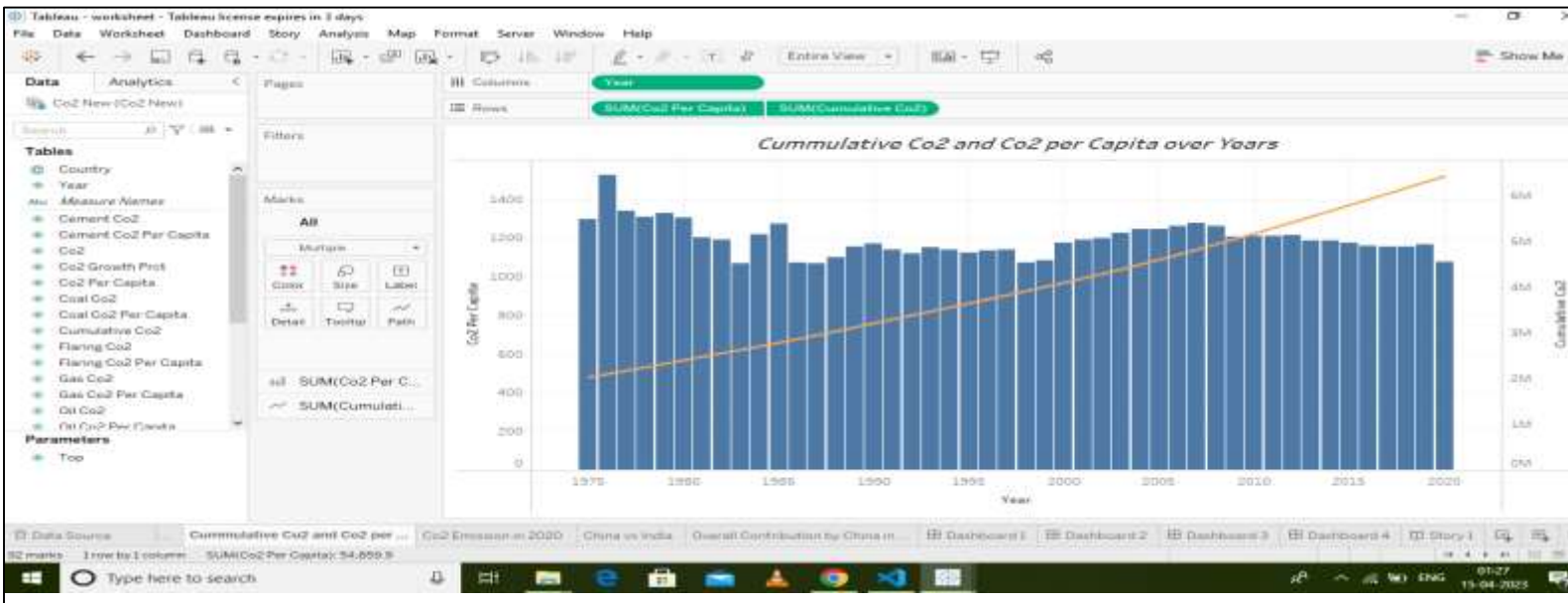
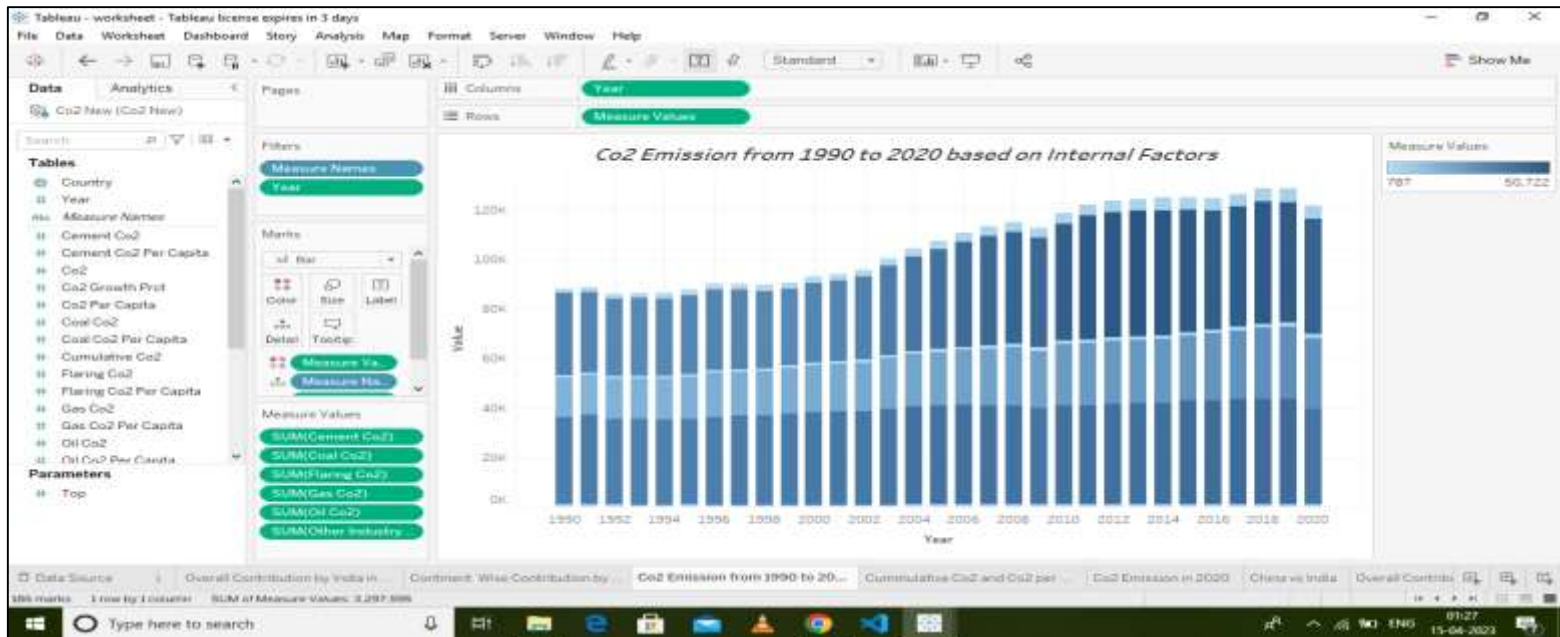


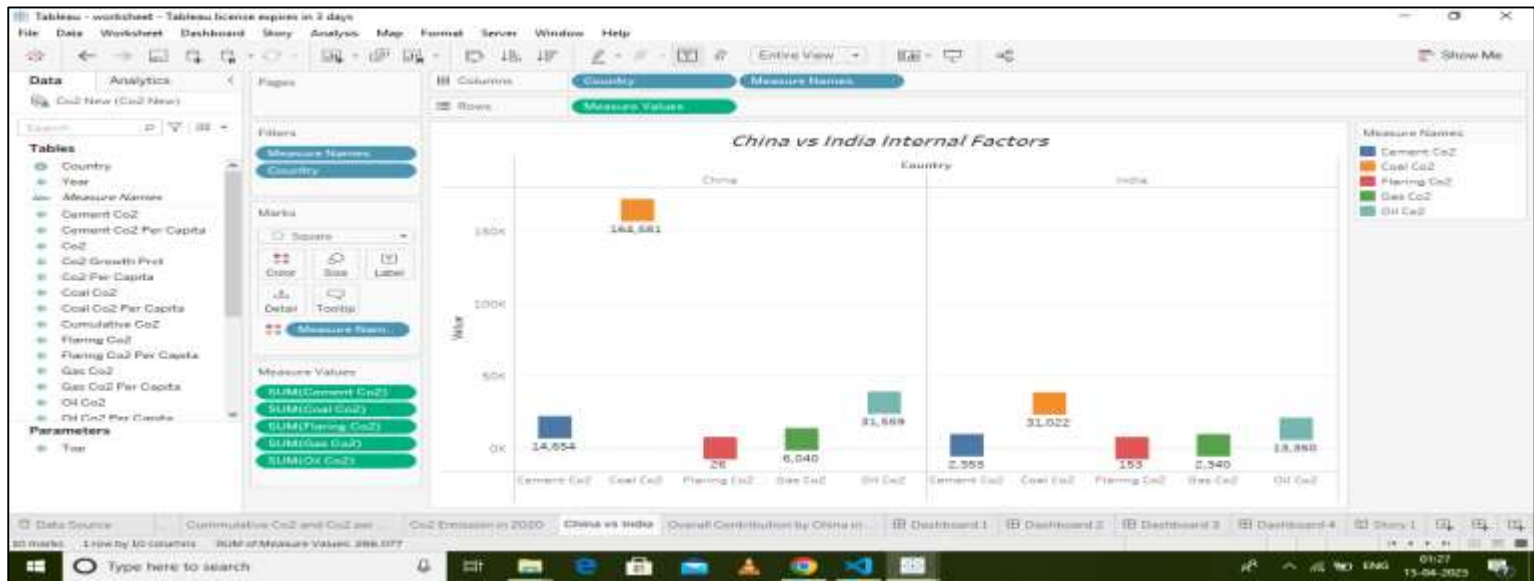
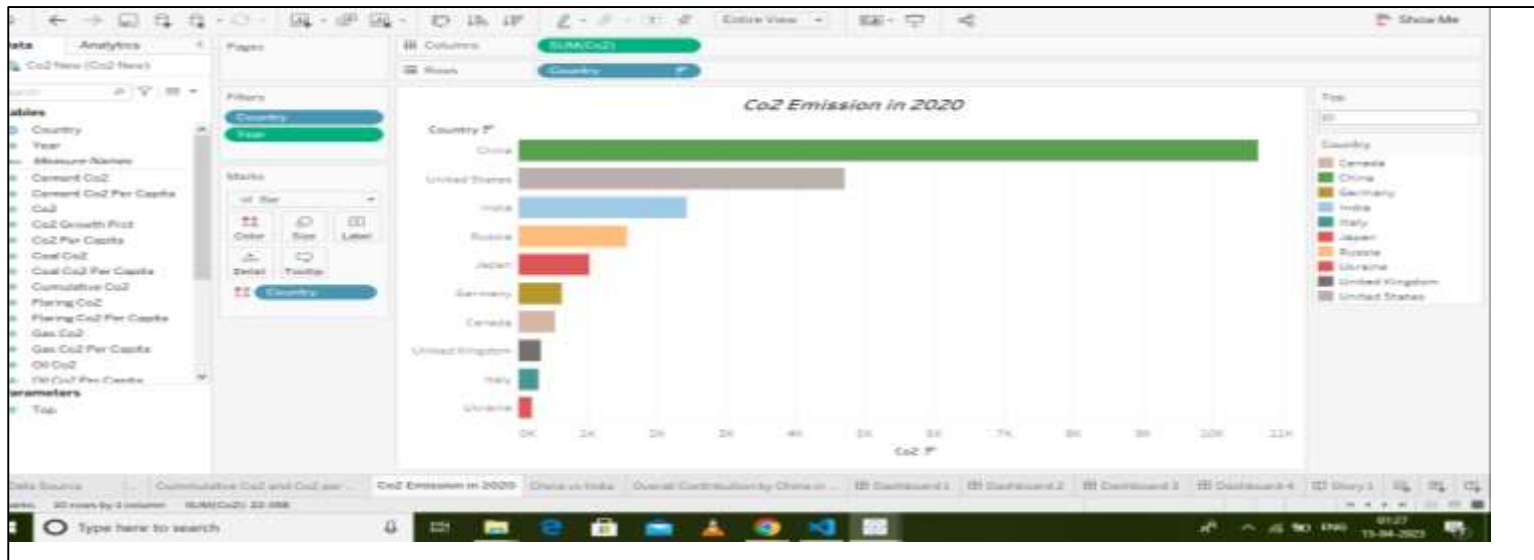












4. Disadvantages

* Carbon dioxide gas can be toxic and very harmful to humans, It increases the temperature of the Earth's atmosphere, It cause the global warming effect that has bad effects on the earth.

* Increasing the percentage of carbon dioxide gas in the air causes suffocation of living organisms as well as global warming that threatens the existence of life on this planet, a high concentration of carbon dioxide gas causes narcosis.

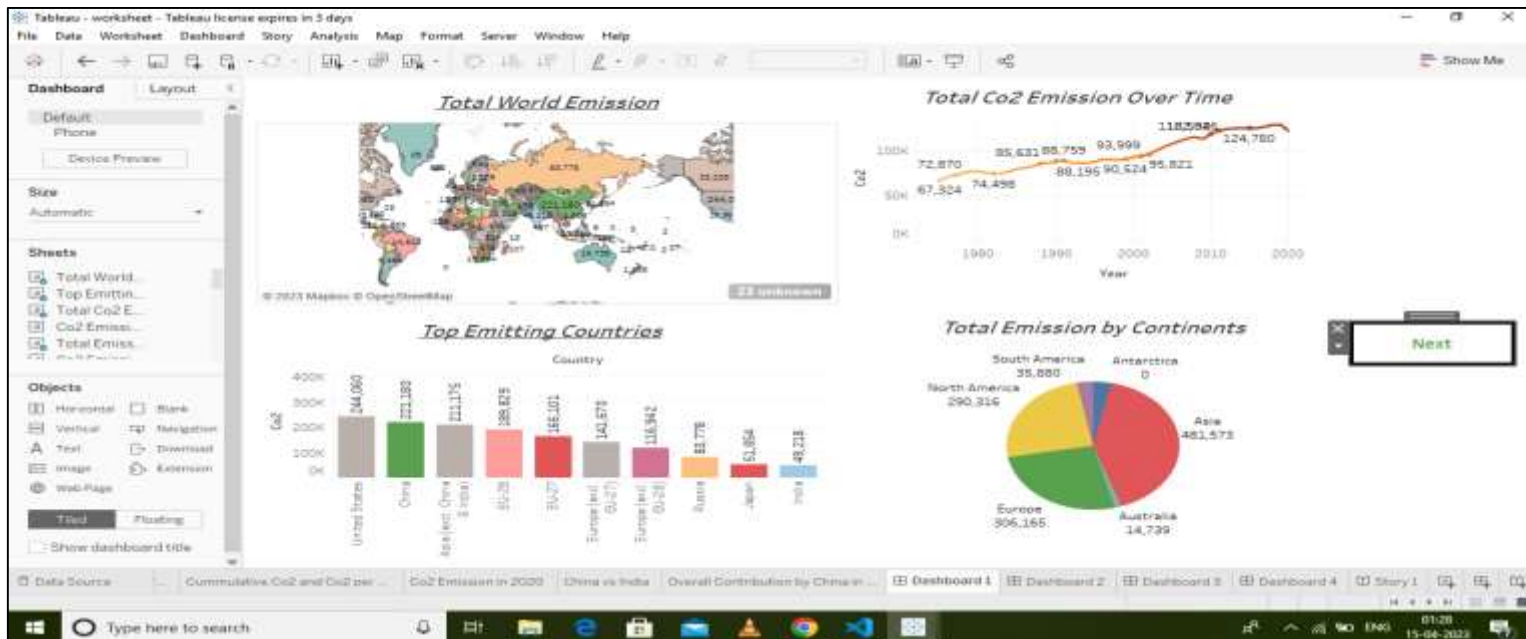
* The Toxic chemicals are the substances that can be poisonous or cause the health effects, They don't break down easily in the environment they can build up the tissues of small organisms, they can move up through the food chain

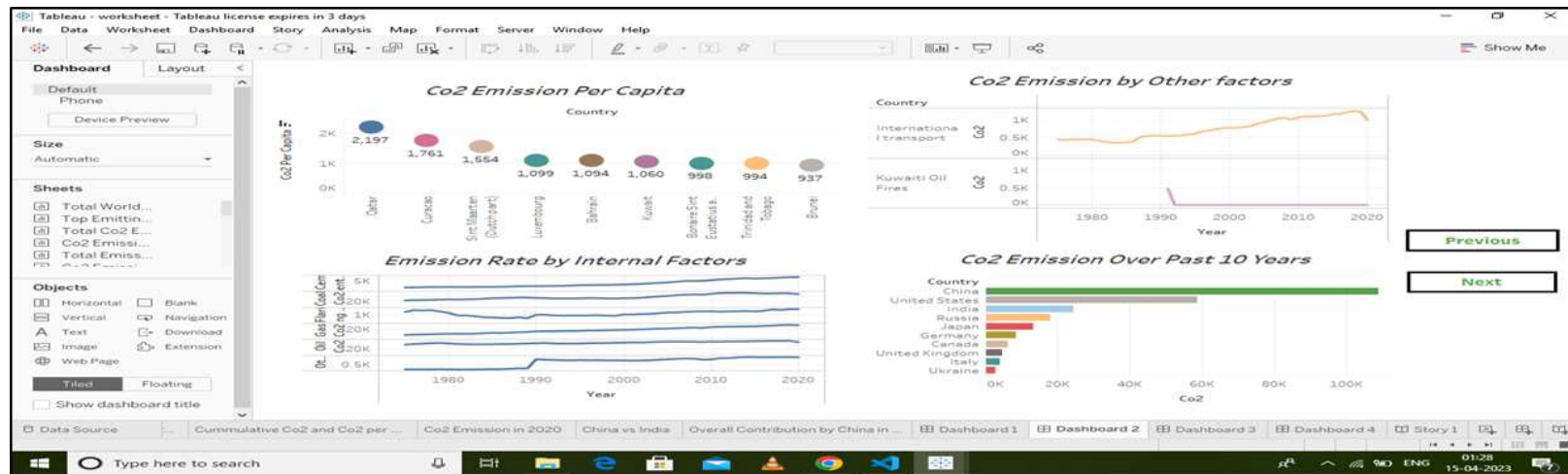
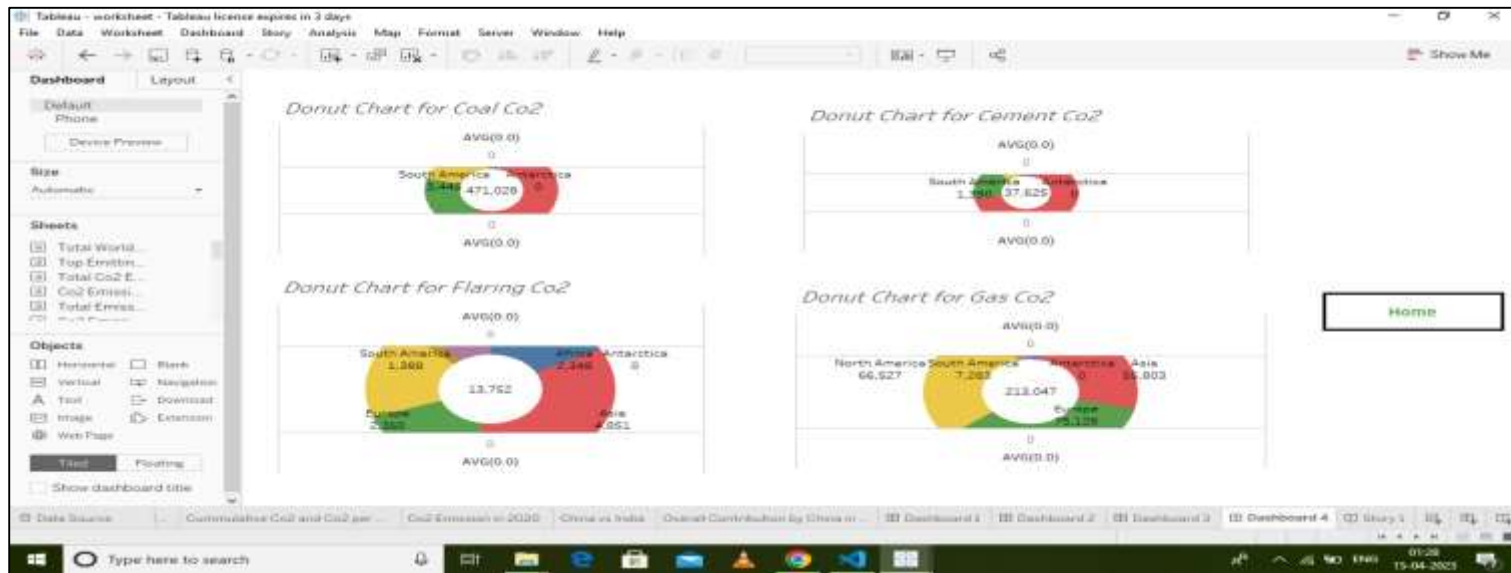
6.Conclusion

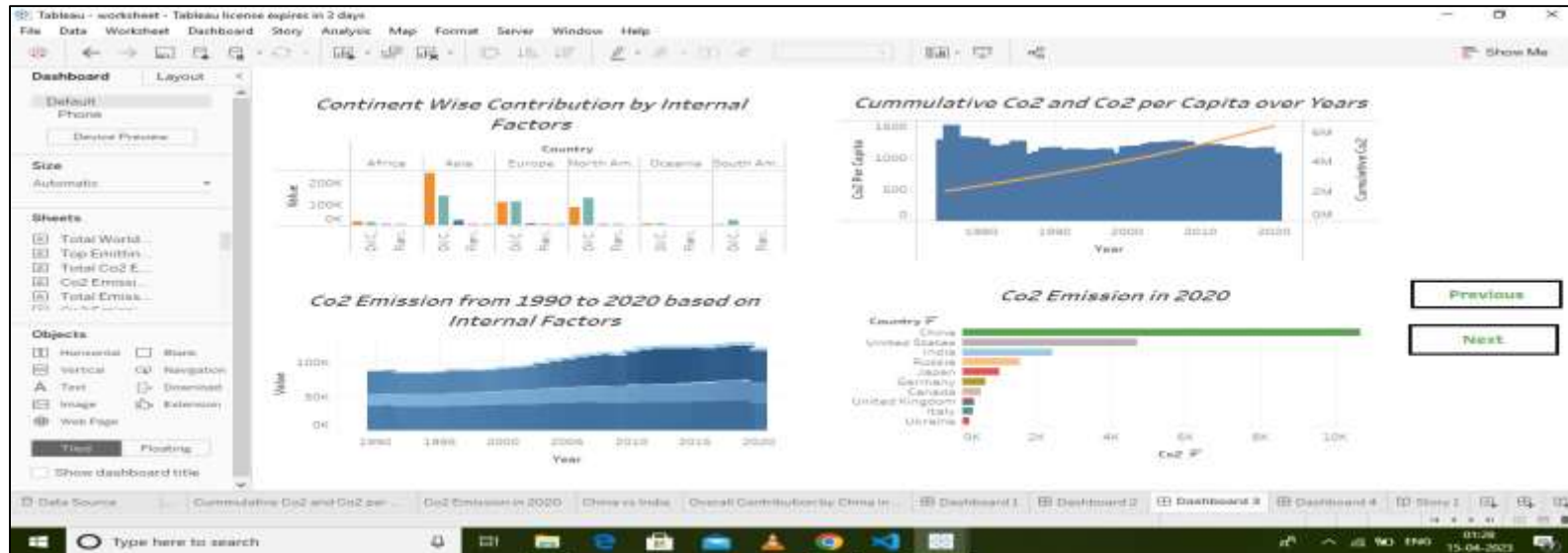
After during the project, we have realised the Challenges faced with the CO2 Emission.

Hence we should try to reduce the Emission of CO2.

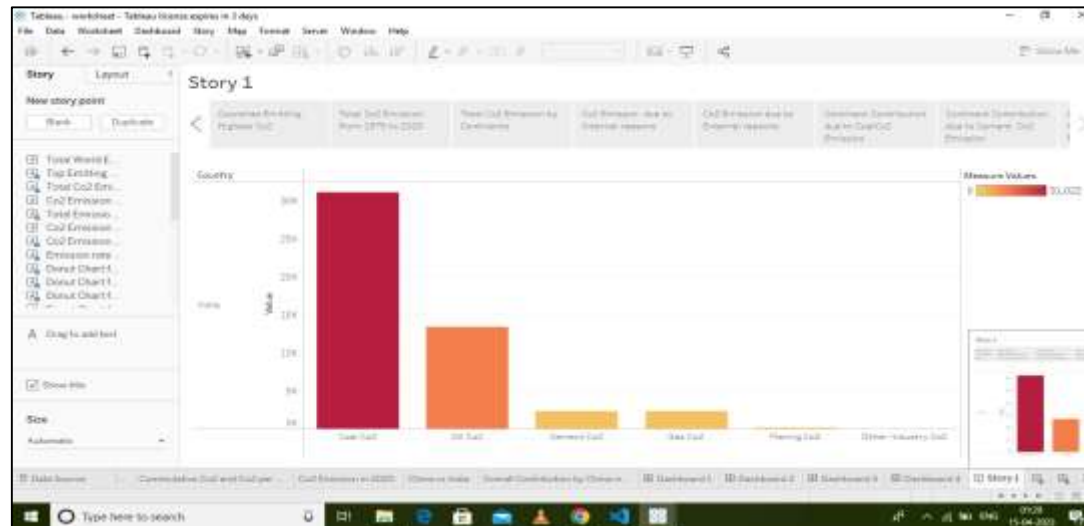
6.1 Dashboard:

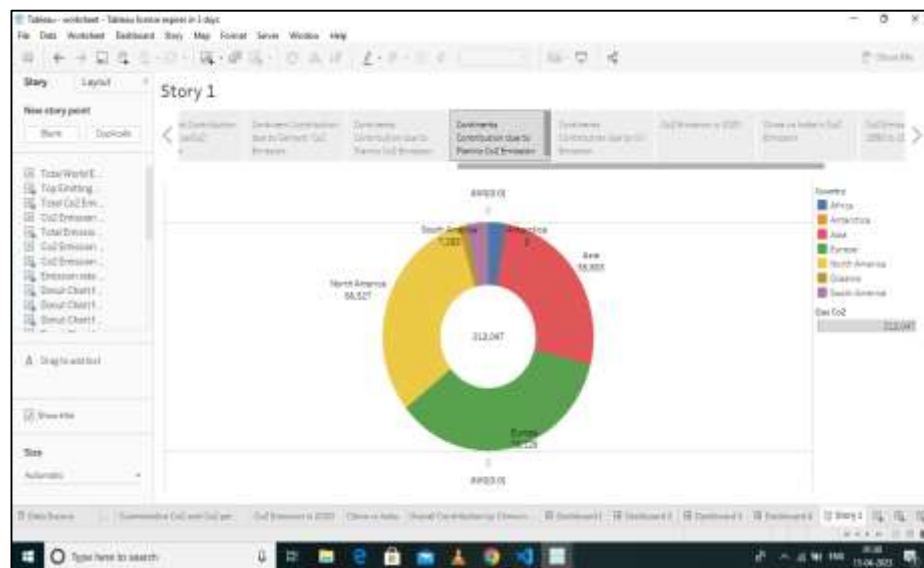
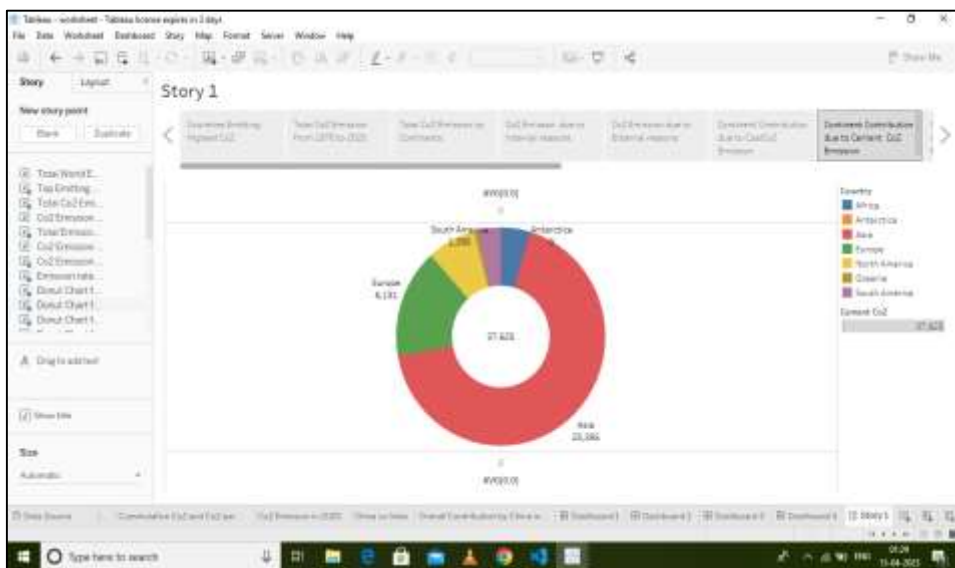
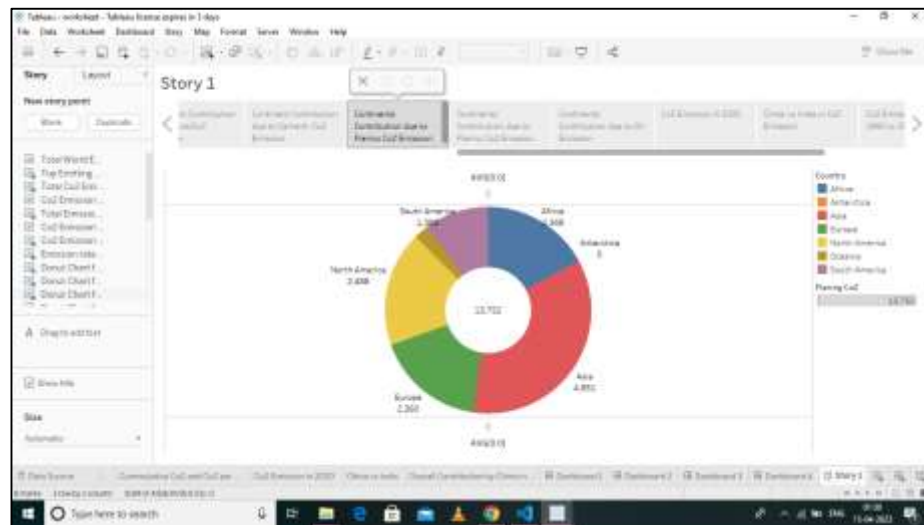
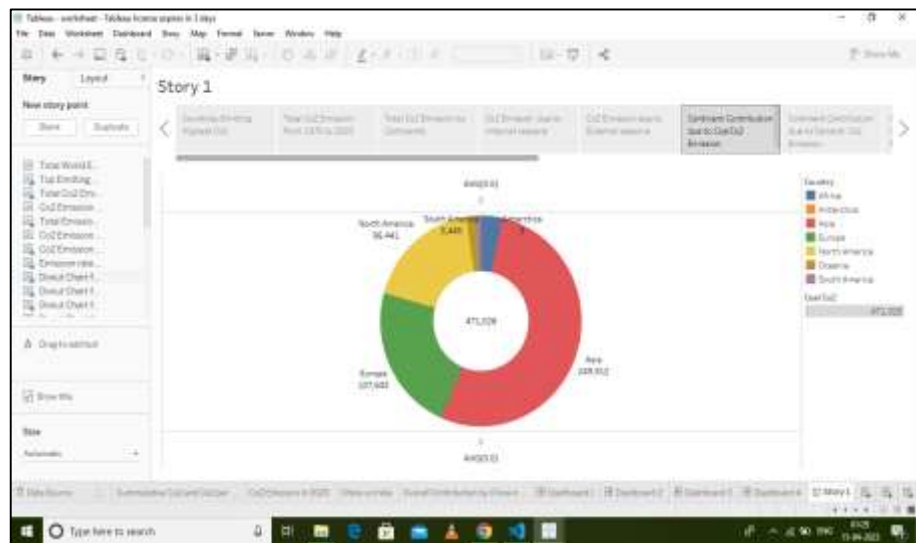


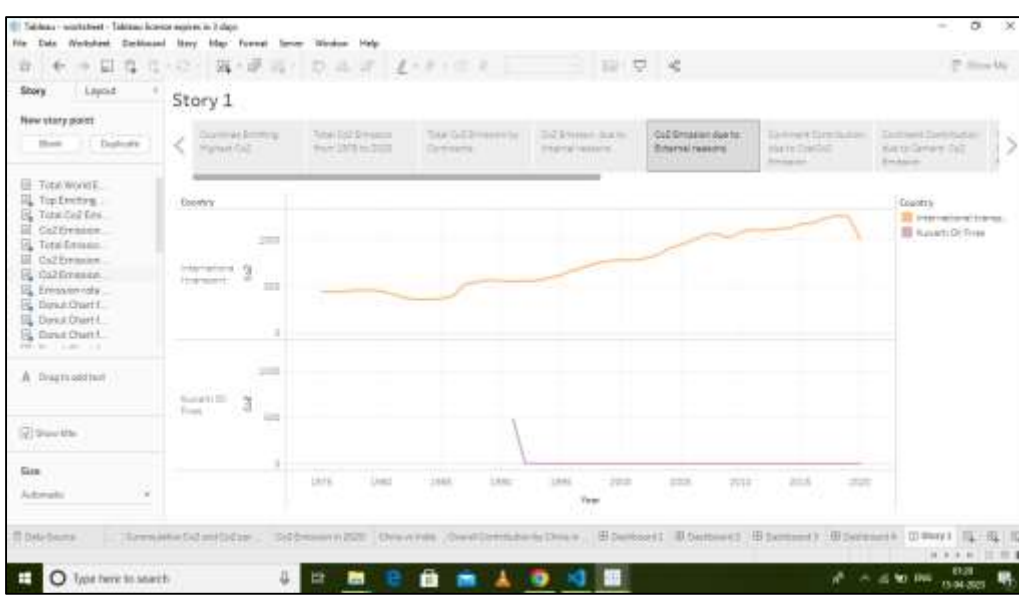
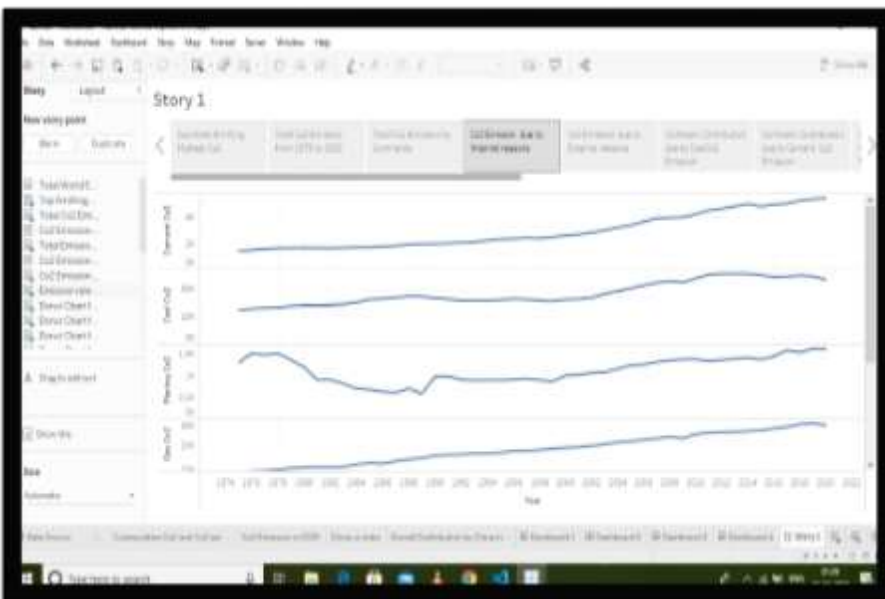
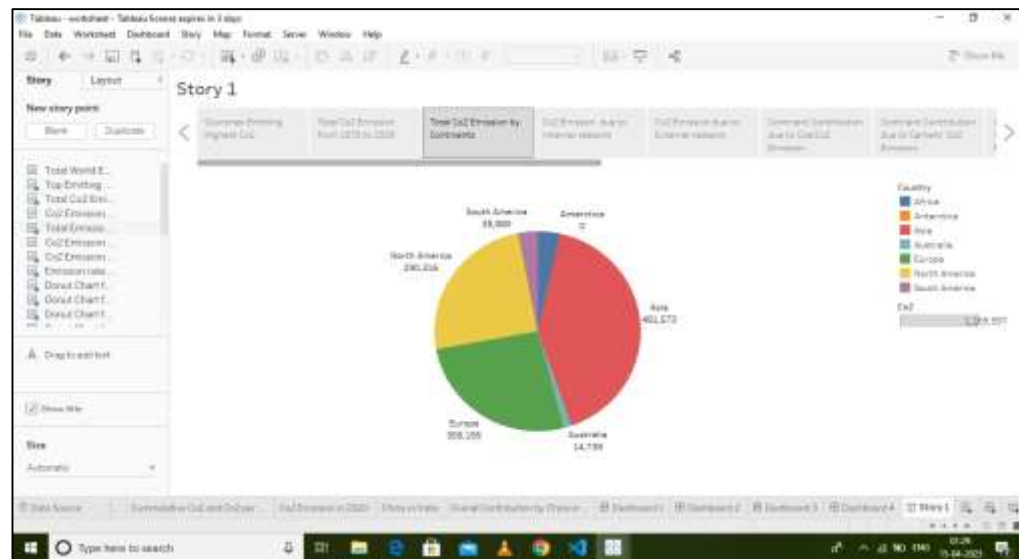
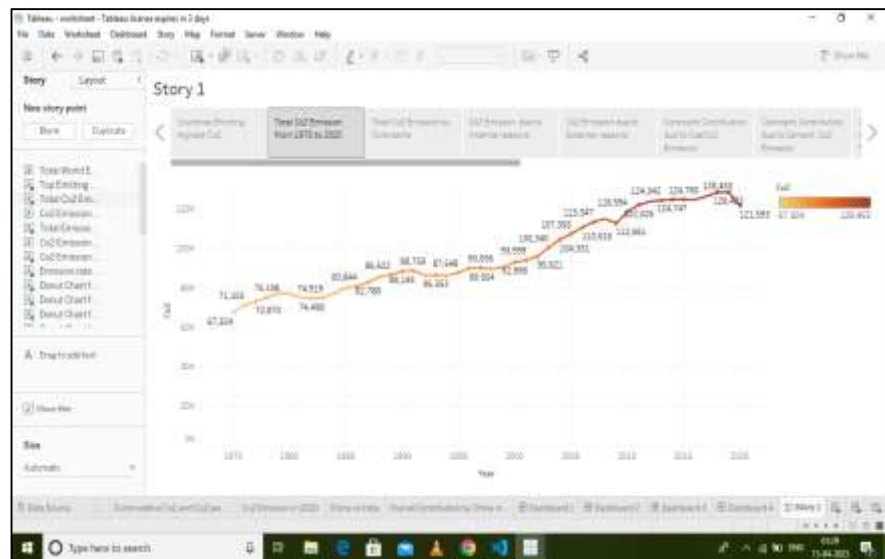




6.2 Story







7. Futur Impact

Continued emissions of greenhouse gases will lead to further climate changes. Future changes are expected to include a warmer and more acidic ocean, higher sea levels, and larger changes in precipitation.

8. 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">
```



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

```
  <link  
href="https://fonts.googleapis.com/css?family=Open+Sans:300,300i,4  
00,400i,600,600i,700,700i|Jost:300,300i,400,400i,500,500i,600,600i,7  
00,700i|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">
```

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

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

```
  <link href="assets/vendor/swiper/swiper-bundle.min.css" rel="stylesheet">
```

```
<!-- Template Main CSS File -->
```

```
  <link href="assets/css/style.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">
  <link href="assets/vendor/glightbox/css/glightbox.min.css" rel="stylesheet">
  <link href="assets/vendor/remixicon/remixicon.css" rel="stylesheet">
  <link href="assets/vendor/swiper/swiper-bundle.min.css" rel="stylesheet">

<!-- Template Main CSS File -->
<link href="assets/css/style.css" rel="stylesheet">

<!-- ===== Header ===== -->
<header id="header" class="fixed-top ">
  <div class="container d-flex align-items-center justify-content-between">

<h1 class="logo"> </h1>
  <!-- Uncomment below if you prefer to use an image logo -->
  <!-- <a href="index.html" class="logo me-auto"></a>-->
```

```
<nav id="navbar" class="navbar">
  <ul>

    <li><a class="nav-link scrollto active" href="#hero">Home</a></li>
      <li><a class="nav-link scrollto" href="#about">About</a></li>
      <li><a class="nav-link scrollto" href="#dash">Dashboard</a></li>
      <li><a class="nav-link scrollto" href="#services">Story</a></li>
      <li><a class="nav-link scrollto" href="#portfolio">Visualizations</a></li>

    <li><a class="nav-link scrollto" href="#report">Report</a></li>
      <li><a class="nav-link scrollto"
href="#contact">Contact</a></li>

  </ul>
  <i class="bi bi-list mobile-nav-toggle"></i>

</nav>
<!-- .navbar -->

</div>
</header>
<!-- End Header -->
```

```
<!-- ===== Hero Section ===== -->
<section id="hero" class="d-flex align-items-center">
```

```
div class="container">
  <div class="row">
    <div class="col-lg-6 d-flex flex-column justify-content-center pt-4 pt-lg-0
order-2 order-lg-1" data-aos="fade-up" data-aos-delay="200">
      <h1>Welcome to Global Co2 Emission Analysis for Year 2020</h1>
```

```
div class="container">
  <div class="row">
    <div class="col-lg-6 d-flex flex-column justify-content-center pt-4 pt-lg-
0 order-2 order-lg-1" data-aos="fade-up" data-aos-delay="200">
      <h1>Welcome to Global Co2 Emission Analysis for Year 2020</h1>
```

```
<h2>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.</h2>
```

```
  <div class="d-flex justify-content-center justify-content-lg-start">
    <a href="#about" class="btn-get-started scrollto">Get Started</a>
```

```
<a href="https://www.youtube.com/watch?v=jDDaplaOz7Q" class="lightbox btn-watch-  
video"></a>
```

```
</div>
```

```
</div>
```

```
<div class="col-lg-6 order-1 order-lg-2 hero-img" data-aos="zoom-in" data-aos-  
delay="200">
```

```

```

```
</div>
```

```
</div>
```

```
</div>
```

```
<h2>About Us</h2>
```

```
</div>
```

```
<div class="row content">
```

```
<div class="col-lg-12">
```

dioxide produced during consumption of solid, liquid, and gas fuels and gas flaring.

</p>

<p>

Global carbon dioxide (CO₂) emissions from fossil fuels and industry have increased considerably since 2000, and in 2019 reached a record high of 36.7 billion metric tons of CO₂. In 2020, the COVID-19 pandemic caused global CO₂ emissions to plummet five percent to 34.81 billion metric tons.</p>

<p> Historically, major global events cause emission reductions. The 2009 global recession caused worldwide CO₂ emissions to fall by approximately 460 million metric tons. But this pales in comparison to the emission reductions in

2020. Countries around the world were put under strict lockdowns, meaning transportation and industrial activities were significantly reduced. CO₂ emission levels in India dropped for the first time in four decades in the year

ending March 2020. Global CO₂ emissions per capita also experienced a substantial decline in 2020, falling to an average of 4.47 metric tons per person.</p>

</div>

</div>

</div>

<h2>About Us</h2>

</div>

<div class="row content">

<div class="col-lg-12">

</div>

</div>

</div>

</section>

<!-- End Hero -->

<main id="main">

<!-- ===== Clients Section ===== -->

