

1. INTRODUCTION

1.1 Overview :-

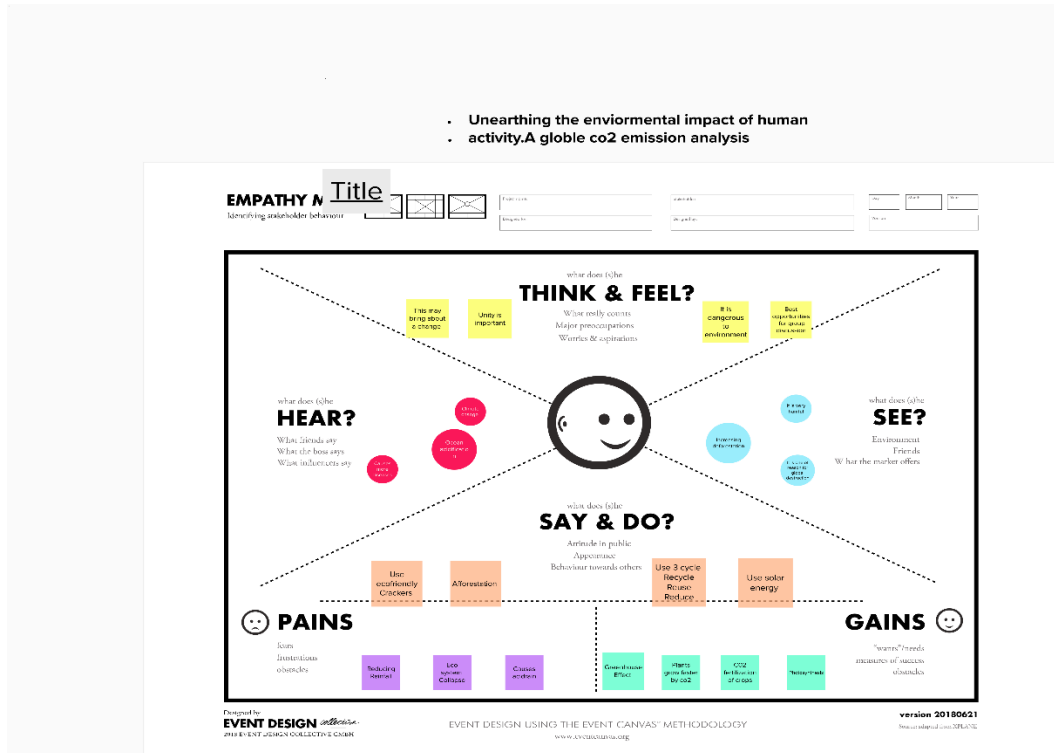
Global Warming is one of the biggest challenges currently being faced by human race Humans impact the physical environment in many ways: overpopulation, pollution, burning fossil fuels, and deforestation. Changes like these have triggered climate change, soil erosion, poor air quality, and undrinkable water. These negative impacts can affect human behavior and can prompt mass migrations or battles over clean water. Impacts from human activity on land and in the water can influence ecosystems profoundly. Climate change, ocean acidification, permafrost melting, habitat loss, eutrophication, stormwater runoff, air pollution, contaminants, and invasive species are among many problems facing ecosystems.

1.2 Purpose:

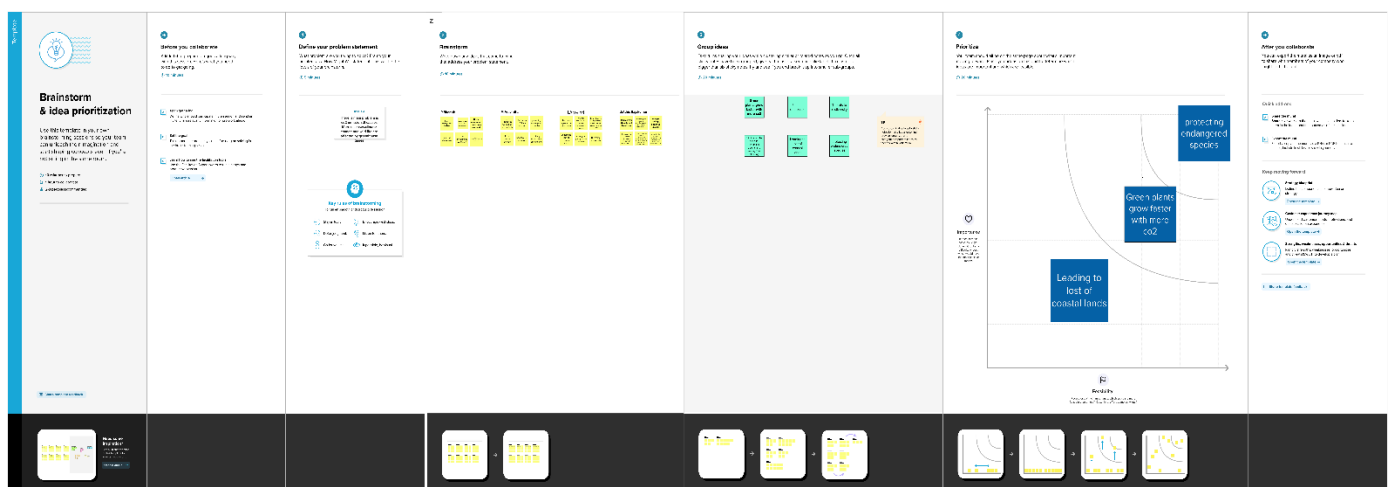
By this project we get idea about co2 emission and major impacts by human behaviour and some analysis by this analysis we try to reduce co2 emission .we know about advantages and disadvantages , application and some etc humans are responsible for impacting the bio physical environment , biodiversity and other resources We now advance is science and technology We try to save these resources to our next generation

2. PROBLEM DEFINITION & DESIGN THINKING

2.1 Empathy Map

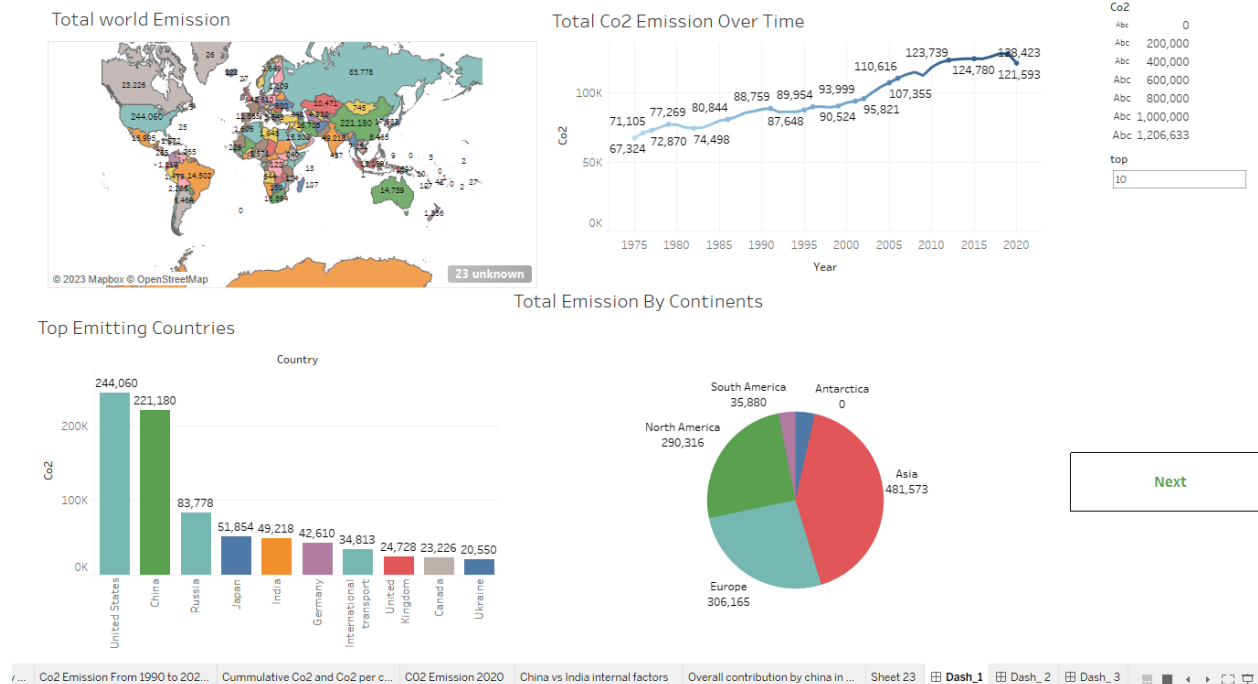


2.2 Ideation & brainstorming map

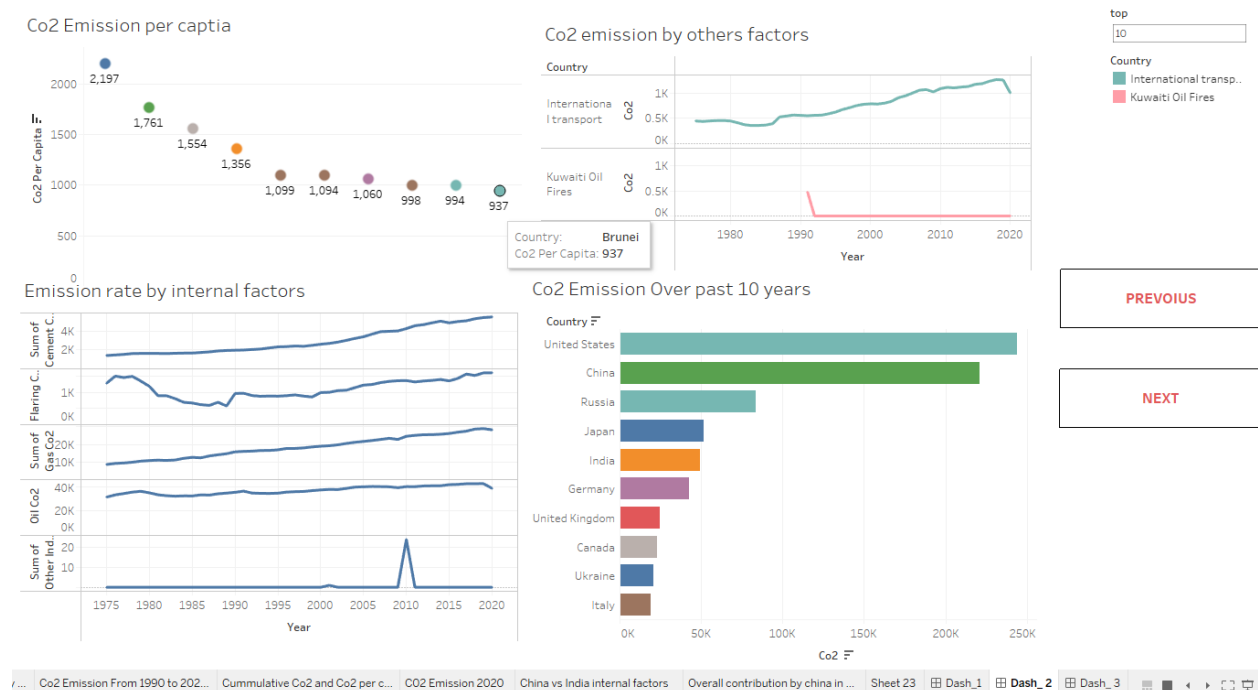


3.RESULT

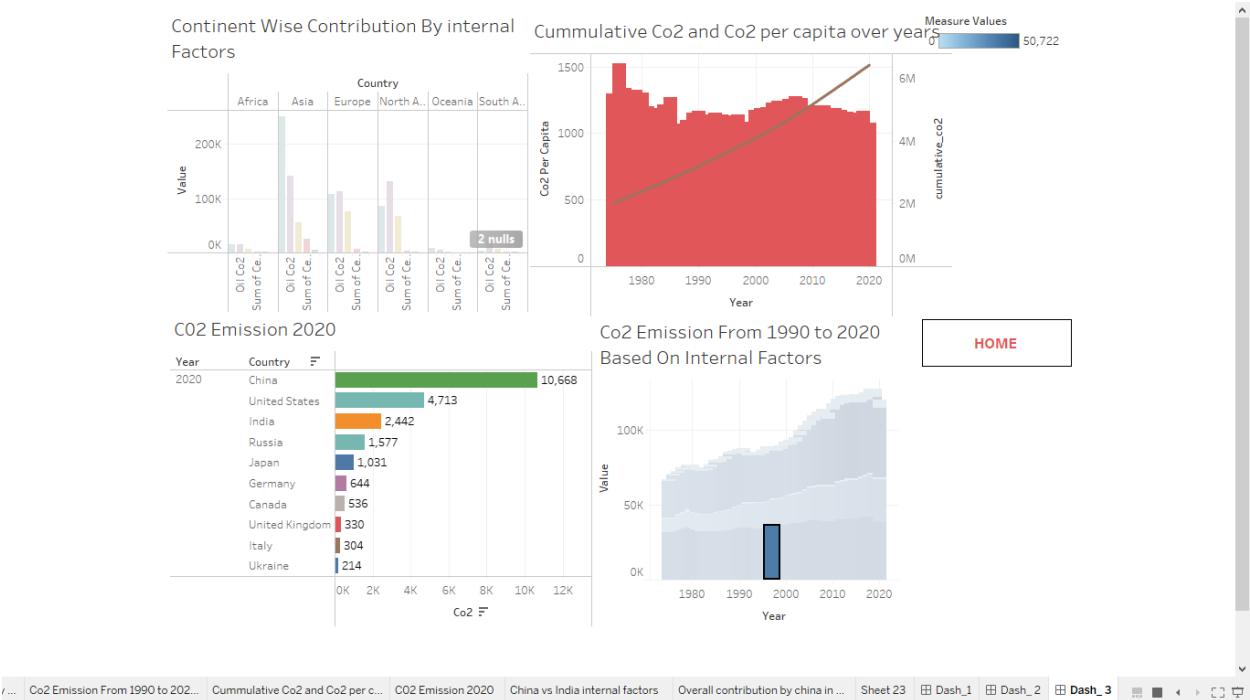
DASHBOARD 1:



DASHBOARD :2

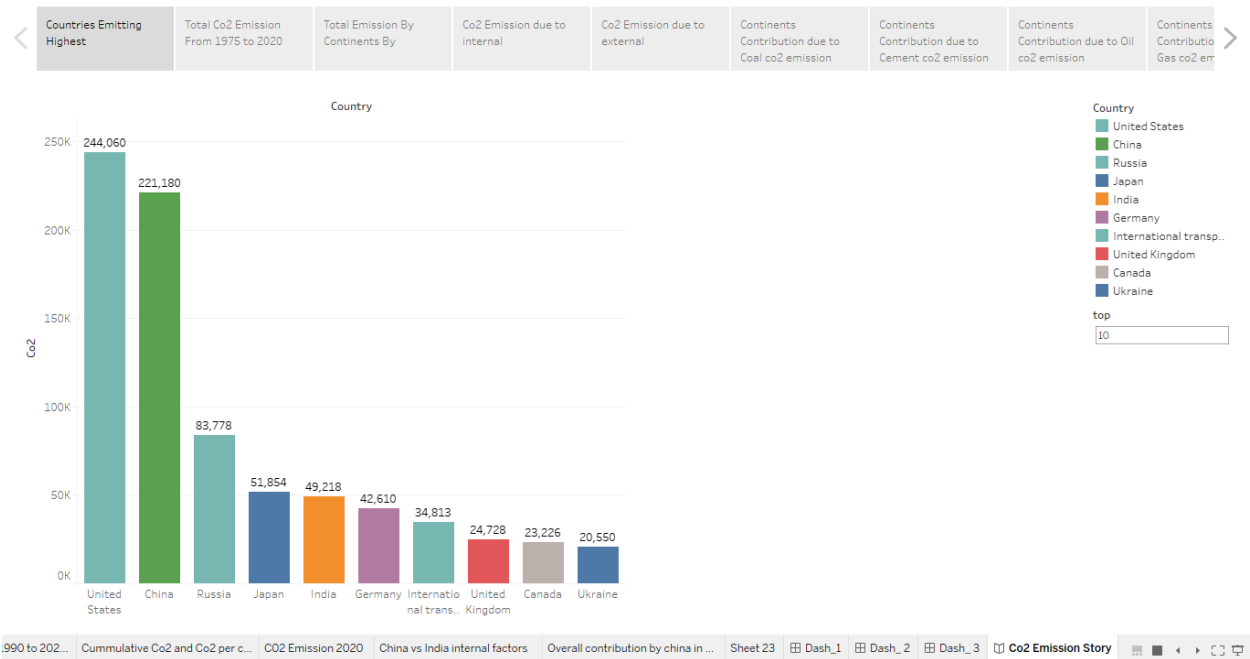


DASHBOARD :3



STORY FOR CO2 EMISSION

Co2 Emission Story



4. ADVANTAGES & DISADVANTAGES:

Positive:

- Green plants grow faster
- helps Earth hold some of the heat it receives from the Sun so it doesn't all escape back into space
- Excess carbon in the atmosphere warms the planet and helps plants on land grow more.
- regulate the Earth's temperature, make up the food that sustains us, and provide energy that fuels our global economy
- describe the best emissions performance
- regulation of blood pH

Negative:

- Climate change
- Photochemical smog, acid rain, death of forests, or reduced atmospheric visibility
- Direct-air capture (DAC) and bioenergy with carbon capture and storage (BECCS); and natural climate solutions, such as reforestation
- The cost to society, which the private producers don't pay alone
- That you emit less than zero carbon dioxide and carbon dioxide equivalent

5.APPLICATION:

Scope of More Plant Growth and Milder Climates in Some Frozen Regions Of The Earth Such As Siberia, Antarctic, And The Arctic. Fewer Injuries or Decreased Death Rate as A Result of Arctic Conditions. The Next Ice Age Can Be Possibly Prevented. Longer Growing Seasons Can Correspond to Increased Agricultural Production In A Few Areas. Formerly Untapped Gas and Oil Reserves Can Be Made Available. This Can Be Applied In Larger cities .

6.CONCLUSION

By THIS PROJECT WE UNDERSTOOD THE GLOBAL CO2 EMISSION AND GLOBAL CONTRIBUTION BY INDIA AND INDIA VS CHINA ,UNITED STATES ETC AND TOP WORLD CO2 EMITTING COUNTRIES AND THEIR CONTRIBUTION TO THE WORLD BY THESE THINGS NORMALLY UNDERSTANDING IS DIFFICULT WORK BY USING TABLEAU WE CAN EASY UNDERSTAND BY PREVIOUS DATA SET AND EASY TO EXPLAIN OTHERS BY CHARTS, GRAPHS AND SOME MODELS AND WE LEARN ABOUT DATABASE AND ITS CONNECTIVITY HOW TO CONNECT TABLEAU TO DATABASE IN MY PROJECT WE USE DATA BASE MANAGEMENT STUDIO TO TABLEAU IS ONE OF THE BEST TOOL TO STUDY ABOUT DATA ANALYTICS WE CREATED STORY OF CO2 EMISSION ,DASHBOARDS , DATA VISUALIZATION .

7.FUTURE SCOPE :

The carbon co2 enables the conversion of hydrogen into a fuel that is easier to handle and use ,for example as an aviation fuel.co2 can

replace fossil fuels as a raw materials in chemicals and polymers. annual energy_outlook 2022 reference case, which assumes no change to current laws or regulations, the U.S energy information Administration(EIA) projects that U.S energy related Carbondioxide emissions will fall to 4.5 billion metric tons in 2037.the Co2 can be used as antervative to fossil fules in the production of chemicals, includings fibres and synthetic rubber. Co2 convert methane and methanol.

8. APPENDIX:

Source code:

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

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

  <title>Co2 Emission</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">
  <link href="assets/vendor/glightbox/css/glightbox.min.css" rel="stylesheet">
```

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<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">

<!-- =====>
* Template Name: Arsha
* Updated: Mar 10 2023 with Bootstrap v5.2.3
* Template URL: https://bootstrapmade.com/arsha-free-bootstrap-html-template-
corporate/
* Author: BootstrapMade.com
* License: https://bootstrapmade.com/license/
===== -->
</head>

<body>

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

    <h1 class="logo me-auto"><a href="index.html"></a></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">Visualization</a></li>
        <li><a class="nav-link scrollto" href="#services">Dashboard</a></li>
        <li><a class="nav-link scrollto" href="#portfolio">Story</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</h1>
          <h2>Carbon dioxide emissions are the primary driver of global climate
change It's widely recognized
            that to avoid the worst impacts of climate changes, 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">More</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>
  </section><!-- End Hero -->

  <main id="main">

    <!-- ===== Clients Section ===== -->
    <section id="clients" class="clients section-bg">
      <div class="container">

        <div class="row" data-aos="zoom-in">

          <div class="col-lg-2 col-md-4 col-6 d-flex align-items-center justify-
content-center">
            
          </div>

          <div class="col-lg-2 col-md-4 col-6 d-flex align-items-center justify-
content-center">
            
          </div>
        </div>
      </div>
    </section>
  </main>

```

```

        <div class="col-lg-2 col-md-4 col-6 d-flex align-items-center justify-
content-center">
            
        </div>

        <div class="col-lg-2 col-md-4 col-6 d-flex align-items-center justify-
content-center">
            
        </div>

        <div class="col-lg-2 col-md-4 col-6 d-flex align-items-center justify-
content-center">
            
        </div>

        <div class="col-lg-2 col-md-4 col-6 d-flex align-items-center justify-
content-center">
            
        </div>

    </div>

</div>
</section><!-- End Cliens Section -->

<!-- ===== About Us Section ===== -->
<section id="about" class="about">
    <div class="container" data-aos="fade-up">

        <div class="section-title">
            <h2>Visualization</h2>
        </div>

        <div class="row content">
            <div class="col-lg-6">
                <p>

                </p>
                <ul>
                </ul>
            </div>
            <div class="col-lg-6 pt-4 pt-lg-0">
                <p>

                </p>
            </div>
        </div>
    </div>

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        </div>
    </div>

</div>
</section><!-- End About Us Section -->

<!-- ===== Why Us Section ===== -->
<section id="why-us" class="why-us section-bg">
    <div class="container-fluid" data-aos="fade-up">

        <div class="row">

            <div class="col-lg-7 d-flex flex-column justify-content-center align-items-stretch order-2 order-lg-1">

                <div class="content">

                    </div>

                    <div class="accordion-list">
                        <ul>
                            <li>
                                <a data-bs-toggle="collapse" class="collapse" data-bs-target="#accordion-list-1"><span></span> <i class="bx bx-chevron-down icon-show"></i><i class="bx bx-chevron-up icon-close"></i></a>
                                <div id="accordion-list-1" class="collapse show" data-bs-parent=".accordion-list">
                                    <p>

                                        </p>
                                    </div>
                            </li>

                            <li>
                                <a data-bs-toggle="collapse" data-bs-target="#accordion-list-2" class="collapsed"><span></span>
                                    <i class="bx bx-chevron-down icon-show"></i><i class="bx bx-chevron-up icon-close"></i></a>
                                <div id="accordion-list-2" class="collapse" data-bs-parent=".accordion-list">
                                    <p>

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        </p>
      </div>
    </li>

    <li>
      <a data-bs-toggle="collapse" data-bs-target="#accordion-list-3"
class="collapsed"><span></span>
        <i class="bx bx-chevron-down icon-show"></i><i
          class="bx bx-chevron-up icon-close"></i></a>
        <div id="accordion-list-3" class="collapse" data-bs-
parent=".accordion-list">
          <p>

            </p>
          </div>
        </li>

      </ul>
    </div>

    <div>

      <div class="col-lg-5 align-items-stretch order-1 order-lg-2 img"
        style='background-image: url("assets/img/Screenshot\ \ (72\).png");'
data-aos="zoom-in" data-aos-delay="150">&nbsp;</div>
    </div>

  </div>
</section><!-- End Why Us Section -->

<!-- ===== Services Section ===== -->
<section id="services" class="services section-bg">
  <div class="container" data-aos="fade-up">

    <div class="section-title">
      <h2>Dashboards</h2>
      <div class='tableauPlaceholder' id='viz1681571389488' style='position:
relative'><noscript><a href='#'><img
        alt='Dash_1 '
        src='https://public.tableau.com/static/images/47;Co&#47;Co2emissionDashboard_1&#47;Dash_1&#47;1_rss.png'
        style='border: none' /></a></noscript><object
class='tableauViz' style='display:none;'>

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        <param name='host_url' value='https%3A%2F%2Fpublic.tableau.com%2F'
/>

        <param name='embed_code_version' value='3' />
        <param name='site_root' value='' />
        <param name='name' value='Co2emissionDashboard_1&#47;Dash_1' />
        <param name='tabs' value='no' />
        <param name='toolbar' value='yes' />
        <param name='static_image'
            value='https:&#47;&#47;public.tableau.com&#47;static&#47;images&#
47;Co&#47;Co2emissionDashboard_1&#47;Dash_1&#47;1.png' />
        <param name='animate_transition' value='yes' />
        <param name='display_static_image' value='yes' />
        <param name='display_spinner' value='yes' />
        <param name='display_overlay' value='yes' />
        <param name='display_count' value='yes' />
        <param name='language' value='en-US' />
    </object></div>
    <script type='text/javascript'>
        var divElement = document.getElementById('viz1681571389488'); var
vizElement = divElement.getElementsByTagName('object')[0]; if
(divElement.offsetWidth > 800) { vizElement.style.width = '100%';
vizElement.style.height = (divElement.offsetWidth * 0.75) + 'px'; } else if
(divElement.offsetWidth > 500) { vizElement.style.width = '100%';
vizElement.style.height = (divElement.offsetWidth * 0.75) + 'px'; } else {
vizElement.style.width = '100%'; vizElement.style.height = '1427px'; } var
scriptElement = document.createElement('script'); scriptElement.src =
'https://public.tableau.com/javascripts/api/viz_v1.js';
vizElement.parentNode.insertBefore(scriptElement, vizElement);
    </script>

</section> <!-- End Services Section -->

<!-- ===== Cta Section ===== -->
<section id="cta" class="cta">
    <div class="container" data-aos="zoom-in">

        <div class="row">
            <div class="col-lg-9 text-center text-lg-start">
                <h3>Visualization</h3>
                
            </div>
            <div class="col-lg-3 cta-btn-container text-center">

        </div>
    </div>
</section>

```

```

    </div>
</section><!-- End Cta Section -->

<!-- ===== Portfolio Section ===== -->
<section id="portfolio" class="portfolio">
    <div class="container" data-aos="fade-up">

        <div class="section-title">
            <h2>Story</h2>
            <div class='tableauPlaceholder' id='viz1681569340478' style='position:
relative'><noscript><a href='#'><img
                alt='Co2 Emission Story '
                src='https://public.tableau.com/static/images/
47;Co/Co2EmissionStory_16815695964970/Co2EmissionStory/1_rss.png'
                style='border: none' /></a></noscript><object
class='tableauViz' style='display:none;'>
                <param name='host_url' value='https%3A%2F%2Fpublic.tableau.com%2F'
/>

                <param name='embed_code_version' value='3' />
                <param name='site_root' value='' />
                <param name='name'
value='Co2EmissionStory_16815695964970/Co2EmissionStory' />
                <param name='tabs' value='no' />
                <param name='toolbar' value='yes' />
                <param name='static_image'
value='https://public.tableau.com/static/images/
47;Co/Co2EmissionStory_16815695964970/Co2EmissionStory/1.png' />
                <param name='animate_transition' value='yes' />
                <param name='display_static_image' value='yes' />
                <param name='display_spinner' value='yes' />
                <param name='display_overlay' value='yes' />
                <param name='display_count' value='yes' />
                <param name='language' value='en-US' />
            </object></div>
            <script type='text/javascript'>
                var divElement = document.getElementById('viz1681569340478');
                var vizElement = divElement.getElementsByTagName('object')[0];
                vizElement.style.width = '100%'; vizElement.style.height =
(divElement.offsetWidth * 0.75) + 'px';
                var scriptElement = document.createElement('script');
                scriptElement.src =
'https://public.tableau.com/javascripts/api/viz_v1.js';
                vizElement.parentNode.insertBefore(scriptElement,
vizElement);
            </script>
        </div>
    </div>
</section>

```

```

</script>

</div>
</div>

<!-- ===== Team Section ===== -->
<section id="team" class="team section-bg">
  <div class="container" data-aos="fade-up">

    <div class="section-title">
      <h2>Team</h2>
      <p></p>
    </div>

    <div class="row">

      <div class="col-lg-6" data-aos="zoom-in" data-aos-delay="100">
        <div class="member d-flex align-items-start">

          <div class="member-info">
            <h4>P.Bharath</h4>
            <span>Team Leader</span>

            <div class="social">
              <a href=""><i class="ri-twitter-fill"></i></a>
              <a href=""><i class="ri-facebook-fill"></i></a>
              <a href=""><i class="ri-instagram-fill"></i></a>
              <a href=""><i class="ri-linkedin-box-fill"></i> </a>
            </div>
          </div>
        </div>
      </div>

      <div class="col-lg-6 mt-4 mt-lg-0" data-aos="zoom-in" data-aos-
delay="200">
        <div class="member d-flex align-items-start">

          <div class="member-info">
            <h4>J.Aravind</h4>
            <span>Team Member</span>

            <div class="social">
              <a href=""><i class="ri-twitter-fill"></i></a>

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        <a href=""><i class="ri-facebook-fill"></i></a>
        <a href=""><i class="ri-instagram-fill"></i></a>
        <a href=""> <i class="ri-linkedin-box-fill"></i> </a>
    </div>
</div>
</div>
</div>

<div class="col-lg-6 mt-4" data-aos="zoom-in" data-aos-delay="300">
    <div class="member d-flex align-items-start">
        <div class="member-info">
            <h4>J.Athis Rajakumar</h4>
            <span>Team Member</span>
            <div class="social">
                <a href=""><i class="ri-twitter-fill"></i></a>
                <a href=""><i class="ri-facebook-fill"></i></a>
                <a href=""><i class="ri-instagram-fill"></i></a>
                <a href=""> <i class="ri-linkedin-box-fill"></i> </a>
            </div>
        </div>
    </div>
</div>

<div class="col-lg-6 mt-4" data-aos="zoom-in" data-aos-delay="400">
    <div class="member d-flex align-items-start">
        <div class="member-info">
            <h4>M.Aravinthan</h4>
            <span>Team Member</span>
            <div class="social">
                <a href=""><i class="ri-twitter-fill"></i></a>
                <a href=""><i class="ri-facebook-fill"></i></a>
                <a href=""><i class="ri-instagram-fill"></i></a>
                <a href=""> <i class="ri-linkedin-box-fill"></i> </a>
            </div>
        </div>
    </div>
</div>

</div>

</div>

```

```

<!-- ===== Contact Section ===== -->

```



```

<section id="contact" class="contact">
  <div class="container" data-aos="fade-up">

    <div class="section-title">
      <h2>Contact</h2>
      <p></p>
    </div>

    <div class="row">

      <div class="col-lg-5 d-flex align-items-stretch">
        <div class="info">
          <div class="address">
            <i class="bi bi-geo-alt"></i>
            <h4>Location:</h4>
            <p>Aditanar college of arts and science tiruchendur </p>
          </div>

          <div class="email">
            <i class="bi bi-envelope"></i>
            <h4>Email:</h4>
            <p>aditanarcollege@gmail.com</p>
          </div>

          <div class="phone">
            <i class="bi bi-phone"></i>
            <h4>Call:</h4>
            <p>8072853145</p>
          </div>

          <iframe
            src="https://www.google.com/maps/embed?pb=!1m14!1m8!1m3!1d120
97.433213460943!2d-
74.0062269!3d40.7101282!3m2!1i1024!2i768!4f13.1!3m3!1m2!1s0x0%3A0xb89d1fe6bc49944
3!2sDowntown+Conference+Center!5e0!3m2!1smk!2sbg!4v1539943755621"
            frameborder="0" style="border:0; width: 100%; height: 290px;"
allowfullscreen></iframe>
          </div>

        </div>

      <div class="col-lg-7 mt-5 mt-lg-0 d-flex align-items-stretch">
        <form action="forms/contact.php" method="post" role="form"
class="php-email-form">
          <div class="row">

```

```

        <div class="form-group col-md-6">
            <label for="name">Your Name</label>
            <input type="text" name="name" class="form-control"
id="name" required>
        </div>
        <div class="form-group col-md-6">
            <label for="name">Your Email</label>
            <input type="email" class="form-control" name="email"
id="email" required>
        </div>
    </div>
    <div class="form-group">
        <label for="name">Subject</label>
        <input type="text" class="form-control" name="subject"
id="subject" required>
    </div>
    <div class="form-group">
        <label for="name">Message</label>
        <textarea class="form-control" name="message" rows="10"
required></textarea>
    </div>
    <div class="my-3">
        <div class="loading">Loading</div>
        <div class="error-message"></div>
        <div class="sent-message">Your message has been sent. Thank
you!</div>
    </div>
    <div class="text-center"><button type="submit">Send
Message</button></div>
</form>
</div>

</div>

</div>
</section><!-- End Contact Section -->

</main><!-- End #main -->

<!-- ===== Footer ===== -->
<footer id="footer">

    <div class="footer-newsletter">
        <div class="container">
            <div class="row justify-content-center">

```

```
    <div class="col-lg-6">
      <h4>Join Our Newsletter</h4>
      <p>Tamen quem nulla quae legam multos aute sint culpa legam noster
magna</p>
      <form action="" method="post">
        <input type="email" name="email"><input type="submit"
value="Subscribe">
      </form>
    </div>
  </div>
</div>
</div>
```

```
<div class="footer-top">
  <div class="container">
    <div class="row">

      <div class="col-lg-3 col-md-6 footer-links">
        <h4>Useful Links</h4>
        <ul>
          <li><i class="bx bx-chevron-right"></i> <a href="#">Home</a></li>
          <li><i class="bx bx-chevron-right"></i> <a href="#">About
us</a></li>
          <li><i class="bx bx-chevron-right"></i> <a
href="#">Services</a></li>
          <li><i class="bx bx-chevron-right"></i> <a href="#">Terms of
service</a></li>
          <li><i class="bx bx-chevron-right"></i> <a href="#">Privacy
policy</a></li>
        </ul>
      </div>
```

```
      <div class="col-lg-3 col-md-6 footer-links">
        <h4>Our Services</h4>
        <ul>
          <li><i class="bx bx-chevron-right"></i> <a href="#">Web
Design</a></li>
          <li><i class="bx bx-chevron-right"></i> <a href="#">Web
Development</a></li>
          <li><i class="bx bx-chevron-right"></i> <a href="#">Product
Management</a></li>
          <li><i class="bx bx-chevron-right"></i> <a
href="#">Marketing</a></li>
```

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        <li><i class="bx bx-chevron-right"></i> <a href="#">Graphic
Design</a></li>
    </ul>
</div>

<div class="col-lg-3 col-md-6 footer-links">
    <h4>Our Social Networks</h4>
    <p></p>
    <div class="social-links mt-3">
        <a href="#" class="twitter"><i class="bx bxl-twitter"></i></a>
        <a href="#" class="facebook"><i class="bx bxl-facebook"></i></a>
        <a href="#" class="instagram"><i class="bx bxl-instagram"></i></a>
        <a href="#" class="google-plus"><i class="bx bxl-skype"></i></a>
        <a href="#" class="linkedin"><i class="bx bxl-linkedin"></i></a>
    </div>
</div>

</div>
</div>
</div>

<div class="container footer-bottom clearfix">
    <div class="copyright">
        &copy; Copyright <strong><span>Arsha</span></strong>. All Rights Reserved
    </div>
    <div class="credits">
        <!-- All the links in the footer should remain intact. -->
        <!-- You can delete the links only if you purchased the pro version. -->
        <!-- Licensing information: https://bootstrapmade.com/license/ -->
        <!-- Purchase the pro version with working PHP/AJAX contact form:
https://bootstrapmade.com/arsha-free-bootstrap-html-template-corporate/ -->
        Designed by <a href="https://bootstrapmade.com/">BootstrapMade</a>
    </div>
</div>
</footer><!-- End Footer -->

<div id="preloader"></div>
<a href="#" class="back-to-top d-flex align-items-center justify-content-
center"><i
    class="bi bi-arrow-up-short"></i></a>

<!-- Vendor JS Files -->
<script src="assets/vendor/aos/aos.js"></script>
<script src="assets/vendor/bootstrap/js/bootstrap.bundle.min.js"></script>
<script src="assets/vendor/glightbox/js/glightbox.min.js"></script>

```

```
<script src="assets/vendor/isotope-layout/isotope.pkgd.min.js"></script>
<script src="assets/vendor/swiper/swiper-bundle.min.js"></script>
<script src="assets/vendor/waypoints/noframework.waypoints.js"></script>
<script src="assets/vendor/php-email-form/validate.js"></script>

<!-- Template Main JS File -->
<script src="assets/js/main.js"></script>

</body>

</html>
```

Sql code:

EXE sp_help 'dbo.Co2.New';

USE pd2 SELECT * FROM
INFORMATION_SCHEMA.COLUMNS;