# **PLUGGING INTO THE** FUTURE-AN EXPLORATION OF ELECTRICITY CONSUMPTION PATTERN

**1.INTRODUCTION**

1.1 Overview

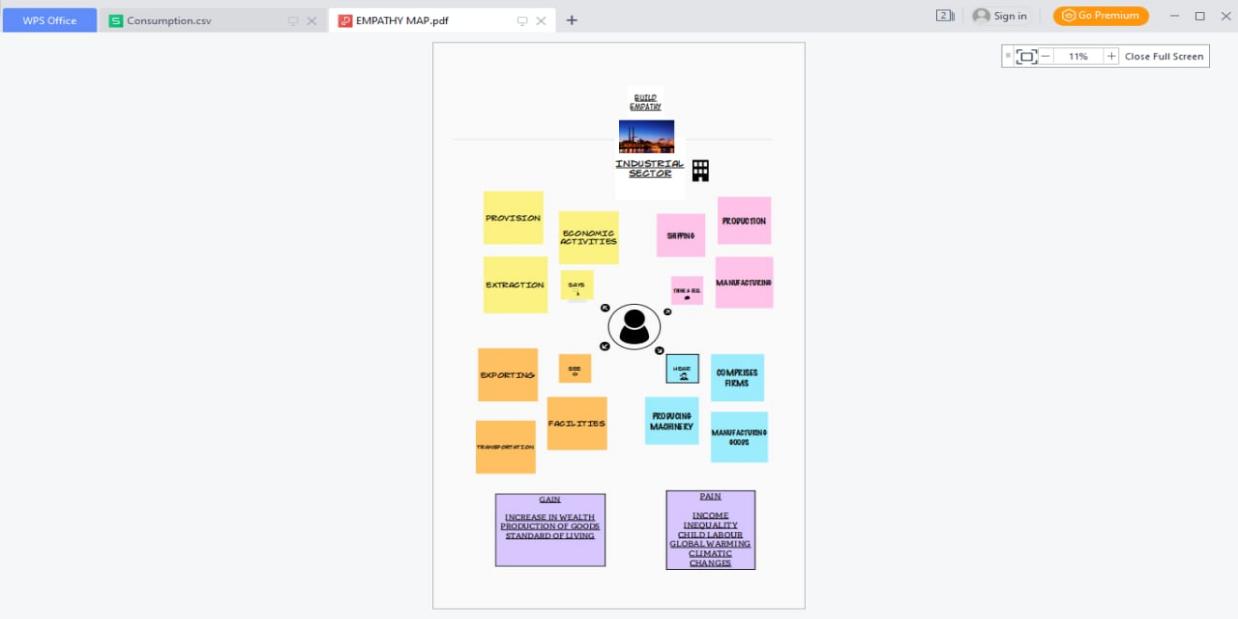
* The ***Electricity consumption*** represents the amount of electrical energy that has been consumed over a specific time, in units of Wh (or kWh), electricity demand represents that rate at which electrical energy is consumed for a needed output rating, in units of W (or kW)
* ***Electricity consumption*** is an essential component of the modern life. It not only provides clean and safe light throughout the day, but also in many countries refreshes homes on hot summer days, and in others warms them in winter.
* Global ***Electricity consumption*** has continued to go up rapidly at a rate faster than energy consumption.

1.2 Purpose

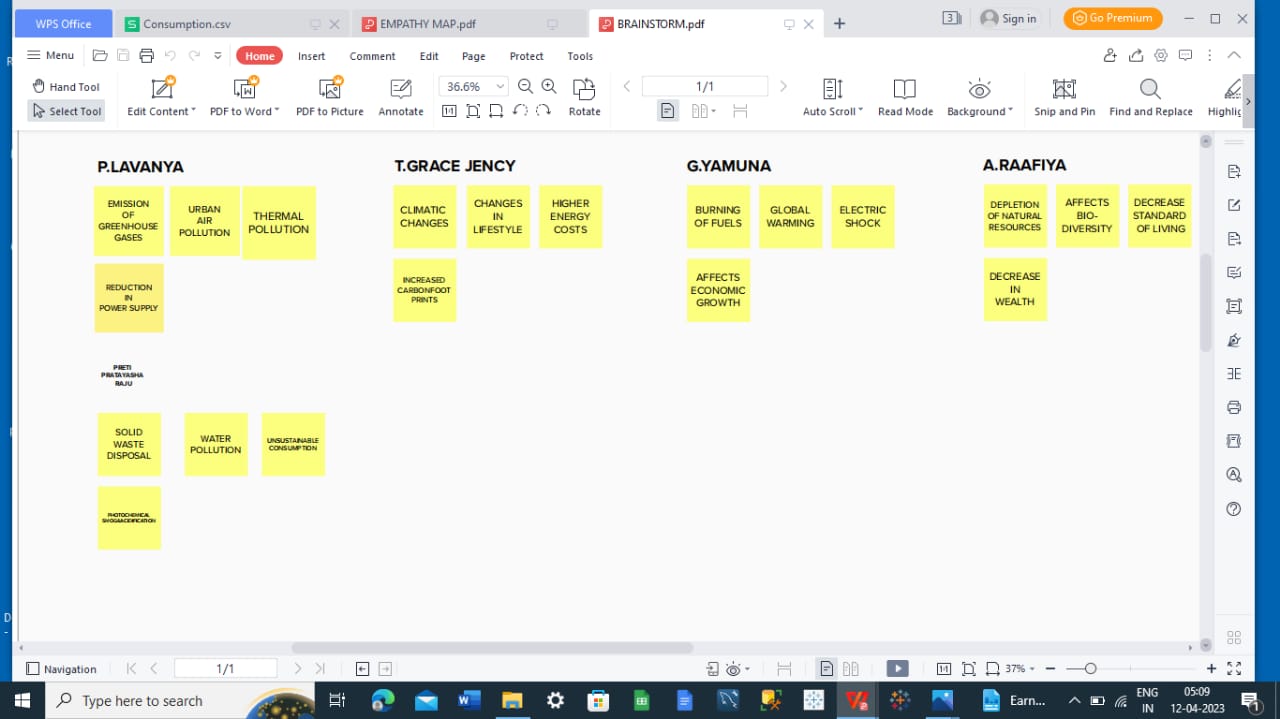
* The state with the **lowest** per capita consumption of electricity is **Bihar**, at **311** kWh, followed by the Northeastern states of Assam (341), Nagaland (356), Manipur (371) and Tripura (514).
* **West Bengal** is the **top** region by peak electricity demand in India. As peak electricity demand in West Bengal was **71,053** megawatts that accounts for 24.73% of India's peak electricity demand. The **top 5 regions** (others are **Maharashtra, Uttar Pradesh, Gujarat, and Rajasthan**) account for 54.75% of it.
* In ***2019***, **Maharashtra** has consumed the high amount(**154,917**) of electricity and **Odisha** has consumed less amount(**8,979**) of electricty
* In ***2020***, **Gujarat** has consumed the high amount(**47,132**) of electricity and **Nagaland** has consumed less amount(**307**) of electricity
* In ***2019***, **Eastern** **region** has the electricity consumption of **117**,**915** and in ***2020*** it has electricity consumption of **46,799**
* In ***2019***, **North Eastern region** has the electricity consumption of **15,520** and in ***2020*** it has electricity consumption of **6,191**
* In ***2019***, **North region** has the electricity consumption of **358,695** and in ***2020*** it has electricity consumption of **147,560**
* In ***2019***, **Southern region** has the electricity consumption of **338,795** and in ***2020*** it has electricity consumption of **137,883**
* In ***2019***, **Western region** has the electricity consumption of **385,281,**and in ***2020*** it has electricity consumption of **155,089**

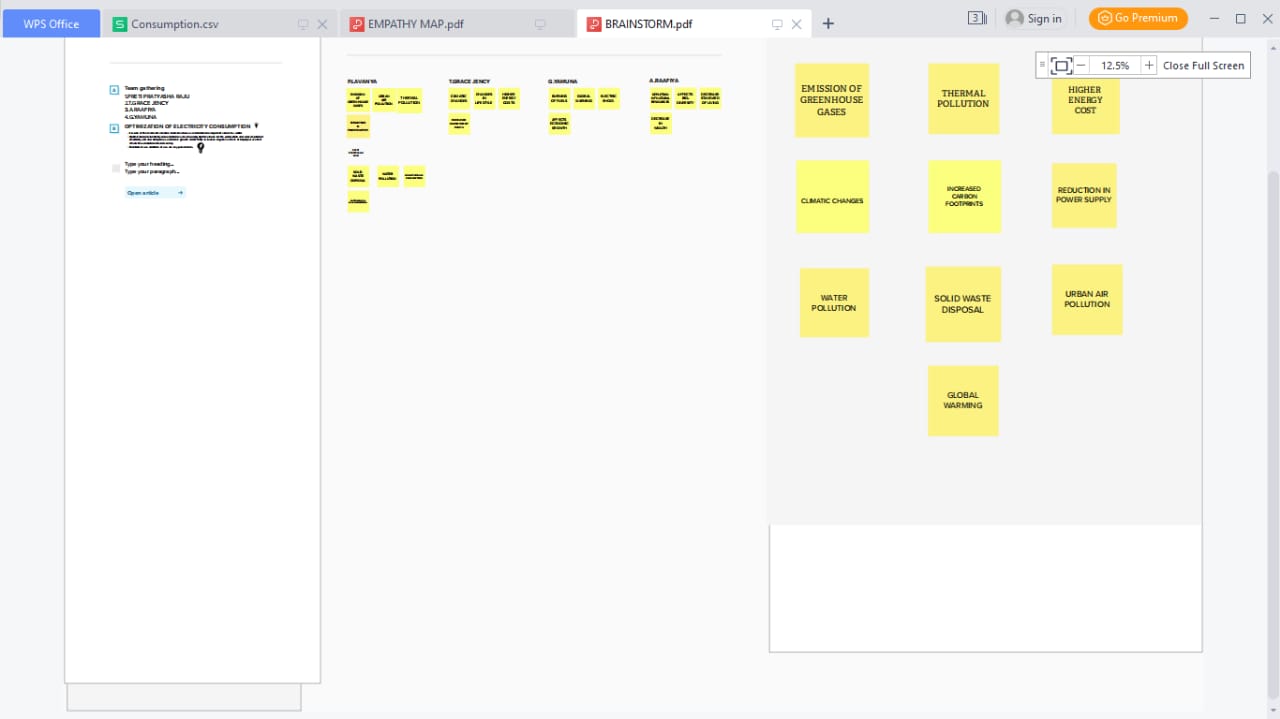
**2.PROBLEM DEFINITION AND DESIGN THINKING**

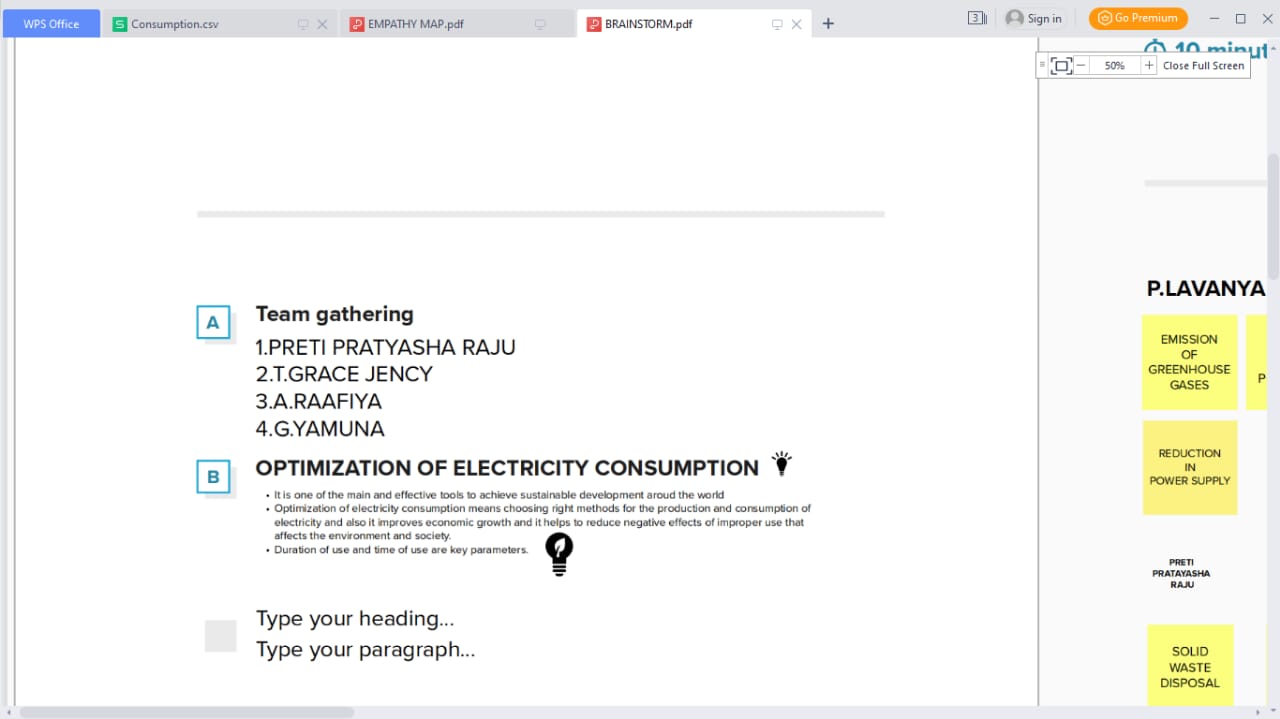
2.1 Empathy map



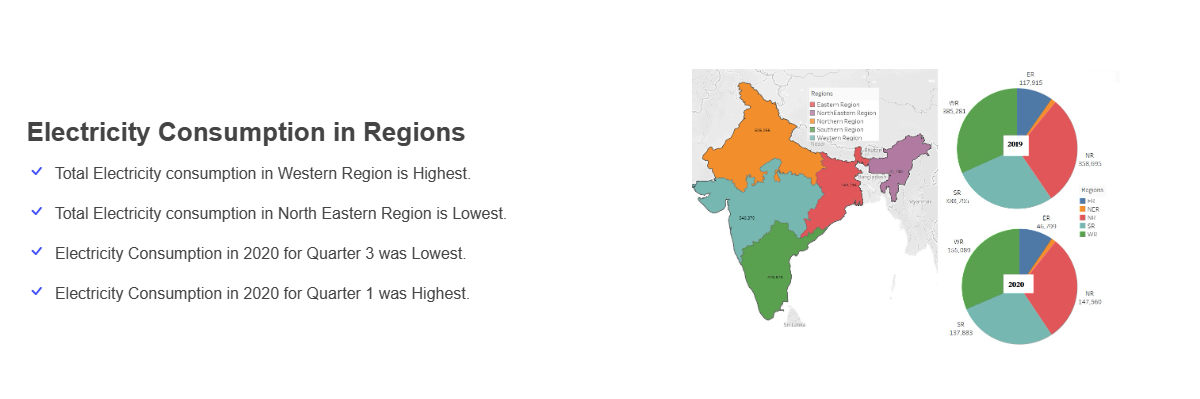
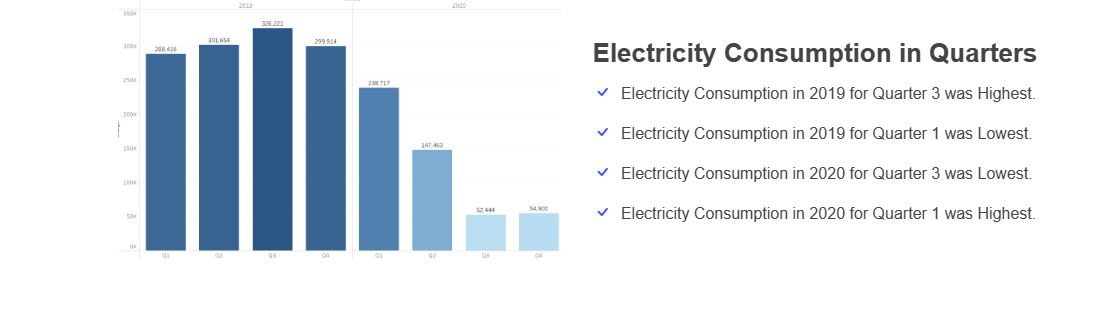
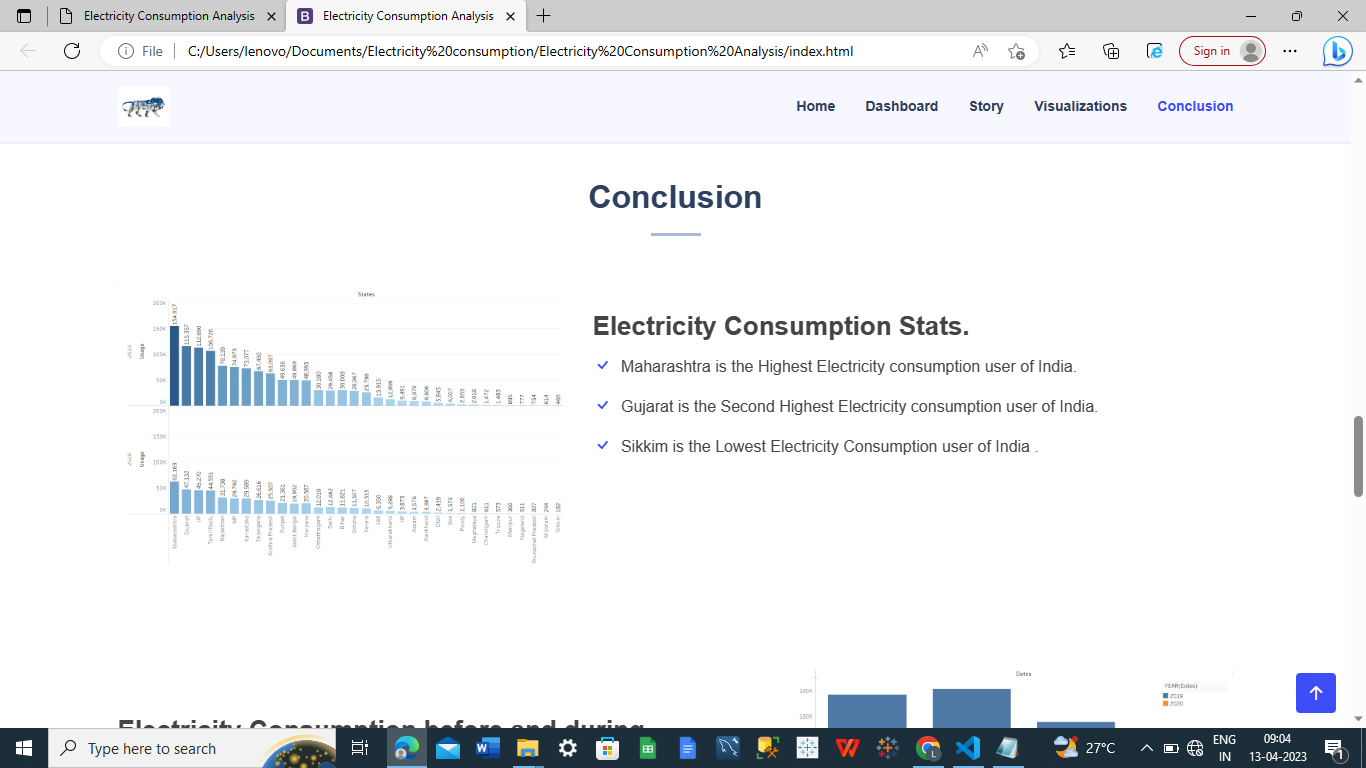
2.2 Ideation and Brainstorming map

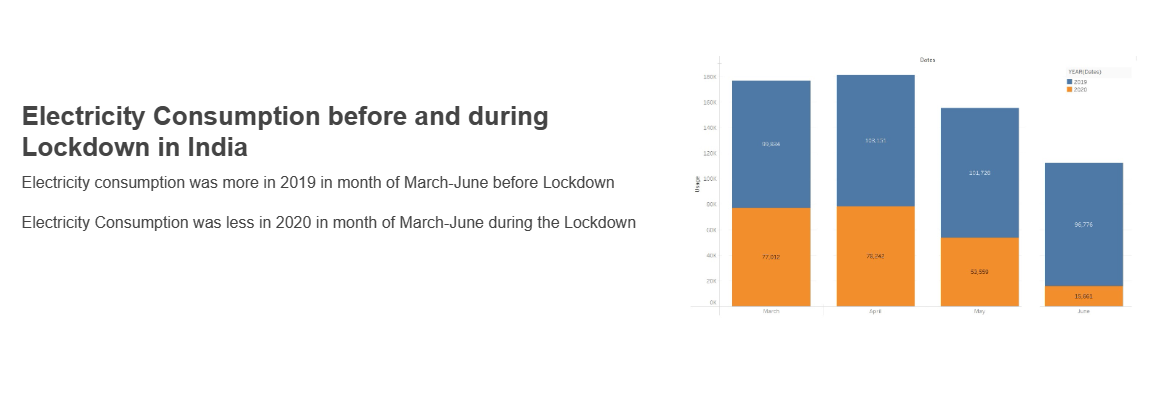






1. **RESULT**

****

****

**4.ADVANTAGES AND DISADVANTAGES OF ELECTRICITY CONSUMPTION**

**Advantages :**

* It is a clean, safe, cheap and convenient source of energy
* Lower maintenance cost
* More efficient
* No tailpipe emission
* We all know that it can be set up in many sizes
* It doesn't require as many employees
* Reduces greenhouse emission

**Disadvantages :**

* More expensive than gasoline
* Loss of fish species
* Sometimes messes up wildlife
* Dependent on precipitation
* More power plants and more pollution
* Damming can cause loss of land suitable for agriculture as well as recreation
* Cost for construction

**5.APPLICATIONS OF ELECTRICITY CONSUMPTION**

People use electricity for **lighting, heating, cooling, and refrigeration and for operating appliances, computers, electronics, machinery, and public transportation systems**.

**6.CONCLUSION**

* **It should be saved because it's not at all free**. Energy conservation is the effort made by us to reduce the consumption of energy by using less of an energy service or using reneuable energy.
* In addition to lowering energy costs, can benefit the environment in a variety of ways. For starters, **energy conservation can protect the environment by reducing resource consumption and carbon dioxide emissions**. Following that, energy conservation can reduce the need for new power plants

**7.FUTURE SCOPE**

* **India's energy demand was projected to increase by almost 50% between 2019 and 2030**, but growth over this period is now closer to 35% in the STEPS, and 25% in the Delayed Recovery Scenario.
* **Global electricity demand grows at 2.1% per year to 2040**, twice the rate of primary energy demand. This raises electricity's share in total final energy consumption from 19% in 2018 to 24% in 2040. Electricity demand growth is set to be particularly strong in developing economies.
* Energy conservation can be achieved in two different ways that include **reducing the amount of primary energy consumed to supply the useful energy requirement (energy efficiency), and reducing the end point use of nonessential energy**

1. **APPENDIX**
2. Source code

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="utf-8">

    <meta content="width=device-width, initial-scale=1.0" name="viewport">

    <title>Electricity Consumption 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|Krub: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">

    <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: Bikin - v4.9.1

  \* Template URL: https://bootstrapmade.com/bikin-free-simple-landing-page-template/

  \* 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 justify-content-between">

            <h1 class="logo"><img src="https://encrypted-tbn0.gstatic.com/images?q=tbn:ANd9GcQLlEZBnzzvZRQG89AqRNE8QeRb0lOfgR1pNg&usqp=CAU"> </h1>

            <!-- Uncomment below if you prefer to use an image logo -->

            <!-- <a href="index.html" class="logo"><img src="assets/img/logo.png" alt="" class="img-fluid"></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">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="#features">Conclusion</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 d-flex flex-column align-items-center justify-content-center" data-aos="fade-up">

            <h1>Analysis on Electricity Consumption In India</h1>

            <h2>India is the third largest producer of electricity in the world. During the fiscal year (FY) 2019–20, the total electricity generation in the country was 1,598 TWh, of which 1,383.5 TWh generated by utilities. The gross electricity consumption

                per capita in FY2019 was 1,208 kWh. </h2>

            <a href="#about" class="btn-get-started scrollto">Get Started</a>

            <img src="https://1.bp.blogspot.com/-ln\_q-Jshzig/XHtXb4WIguI/AAAAAAAAA5s/BhNYwuR8Ro4NmLkpNEfpjIiu85NOh8-JgCKgBGAs/s1600/dpl-power-to-home.png" class="img-fluid hero-img" alt="" data-aos="zoom-in" data-aos-delay="150">

        </div>

    </section>

    <!-- End Hero -->

    <main id="main">

        <section id="about" class="about">

            <div class="container">

                <div class='<div class='tableauPlaceholder' id='viz1681374765186' style='position: relative'><noscript><a href='#'><img alt='Dashboard 1 ' src='https:&#47;&#47;public.tableau.com&#47;static&#47;images&#47;El&#47;Electricityconsumption\_16808754438520&#47;Dashboard1&#47;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='Electricityconsumption\_16808754438520&#47;Dashboard1' /><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;El&#47;Electricityconsumption\_16808754438520&#47;Dashboard1&#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' /><param name='filter' value='publish=yes' /></object></div>                <script type='text/javascript'>                    var divElement = document.getElementById('viz1681374765186');                    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='1477px';}                     var scriptElement = document.createElement('script');                    scriptElement.src = 'https://public.tableau.com/javascripts/api/viz\_v1.js';                    vizElement.parentNode.insertBefore(scriptElement, vizElement);                </script>'>

                    <noscript><a href='#'><img alt='Dashboard 1 ' src='https://public.tableau.com/views/Electricityconsumption\_16808754438520/Dashboard1?:language=en-US&publish=yes&:display\_count=n&:origin=viz\_share\_link 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='Proj\_16709116290960&#47;Dashboard1' />

              <param name='tabs' value='no' />

              <param name='toolbar' value='no' />

              <param name='static\_image' value='https://public.tableau.com/views/Electricityconsumption\_16808754438520/Dashboard1?:language=en-US&publish=yes&:display\_count=n&:origin=viz\_share\_link' />

              <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' />

              <param name='filter' value='publish=yes' />

              <param name='showShareOptions' value='false' />

            </object>

                </div>

                <script type='text/javascript'>

                    var divElement = document.getElementById('viz1670922604811');

                    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 = '1827px';

                    }

                    var scriptElement = document.createElement('script');

                    scriptElement.src = 'https://public.tableau.com/views/Electricityconsumption\_16808754438520/Dashboard1?:language=en-US&publish=yes&:display\_count=n&:origin=viz\_share\_link';

                    vizElement.parentNode.insertBefore(scriptElement, vizElement);

                </script>

                <!-- ======= About Section ======= -->

                <div class="row no-gutters">

                    <div class="content col-xl-5 d-flex align-items-stretch" data-aos="fade-right">

                        <div class="content">

                            <h3>History</h3>

                            <p>India began using grid management on a regional basis in the 1960s. Individual State grids were interconnected to form 5 regional grids covering mainland India, the Northern, Eastern, Western, North Eastern and Southern Grids.

                                These regional links were established to enable transmission of surplus electricity between states in each region.

                            </p>

                            <p>The first interconnection of regional grids was established in October 1991 when the North Eastern and Eastern grids were interconnected. The Western Grid was interconnected with these grids in March 2003. The Northern grid

                                was also interconnected in August 2006, forming a Central Grid and operating at one frequency. The Southern Grid, was synchronously interconnected to the Central Grid on 31 December 2013 with the commissioning of the 765

                                kV Raichur-Solapur transmission line, establishing the National Grid</p>

                        </div>

                    </div>

                    <div class="col-xl-7 d-flex align-items-stretch" data-aos="fade-left">

                        <div class="icon-boxes d-flex flex-column justify-content-center">

                            <div class="row">

                                <div class="col-md-3 " data-aos="fade-up" data-aos-delay="80">

                                    <img src="assets\img\gen.jpg" class="" alt="" width="800" height="500">

                                </div>

                            </div>

                        </div>

                        <!-- End .content-->

                    </div>

                </div>

            </div>

        </section>

        <!-- End About Section -->

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

        <section id="clients" class="clients">

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

                <div class="row">

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

                        <img src="data:image/jpeg;base64,"

                            class="img-fluid" alt="">

                    </div>

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

                        <img src="https://tradebrains.in/wp-content/uploads/2020/09/Power-Grid-Corporation-of-lndia-Limited-PGCIL-300x139.jpg" class="img-fluid" alt="">

                    </div>

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

                        <img src="https://tradebrains.in/wp-content/uploads/2022/08/adani-removebg-preview.png" class="img-fluid" alt="">

                    </div>

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

                        <img src="https://tradebrains.in/wp-content/uploads/2020/09/TataPower.jpg" class="img-fluid" alt="">

                    </div>

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

                        <img src="data:image/jpeg;base64,"

                            class="img-fluid" alt="">

                    </div>

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

                        <img src="https://tradebrains.in/wp-content/uploads/2020/09/Adani\_Renewables-300x194.jpg" class="img-fluid" alt="">

                    </div>

                </div>

            </div>

        </section>

        <!-- End Clients Section -->

        <section id="services" class="services">

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

                <div class='tableauPlaceholder' id='viz1671000792400' style='position: relative'><noscript><a href='#'><img alt='Story on Electricity Consumption In India  ' src='https:&#47;&#47;public.tableau.com&#47;static&#47;images&#47;Pr&#47;Proj1\_16710007367810&#47;StoryonElectricityConsumptionInIndia&#47;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='Proj1\_16710007367810&#47;StoryonElectricityConsumptionInIndia' />

                        <param name='tabs' value='no' />

                        <param name='toolbar' value='no' />

                        <param name='static\_image' value='https://public.tableau.com/views/StoryonElectricityconsumption/Story1?:language=en-GB&publish=yes&:display\_count=n&:origin=viz\_share\_link' />

                        <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' />

                        <param name='filter' value='publish=yes' />

                        <param name='showShareOptions' value='false' />

                        </object>

                </div>

                <script type='text/javascript'>

                    var divElement = document.getElementById('viz1671000792400');

                    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>

        </section>

        <!-- ======= Features Section ======= -->

        <!-- End Features Section -->

        <!-- ======= Services Section ======= -->

        <!-- End Services Section -->

        <!-- ======= Portfolio Section ======= -->

        <section id="portfolio" class="portfolio">

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

                <div class="section-title">

                    <h2>Visualizations</h2>

                </div>

                <div class="row portfolio-container">

                    <div class="col-lg-4 col-md-6 portfolio-item filter-web">

                        <div class="portfolio-wrap">

                            <img src="assets/img/portfolio/p1.jpg" class="img-fluid" alt="">

                            <div class="portfolio-info">

                                <h4>Image 1 </h4>

                                <div class="portfolio-links">

                                    <a href="assets/img/portfolio/p1.jpg" data-gallery="portfolioGallery" class="portfolio-lightbox" title="Web 3"><i class="bx bx-plus"></i></a>

                                </div>

                            </div>

                        </div>

                    </div>

                    <div class="col-lg-4 col-md-6 portfolio-item filter-web">

                        <div class="portfolio-wrap">

                            <img src="assets/img/portfolio/p2.jpg" class="img-fluid" alt="">

                            <div class="portfolio-info">

                                <h4>Image 2</h4>

                                <div class="portfolio-links">

                                    <a href="assets/img/portfolio/p2.jpg" data-gallery="portfolioGallery" class="portfolio-lightbox" title="Web 3"><i class="bx bx-plus"></i></a>

                                </div>

                            </div>

                        </div>

                    </div>

                    <div class="col-lg-4 col-md-6 portfolio-item filter-web">

                        <div class="portfolio-wrap">

                            <img src="assets/img/portfolio/p3.jpg" class="img-fluid" alt="">

                            <div class="portfolio-info">

                                <h4>Image 3</h4>

                                <div class="portfolio-links">

                                    <a href="assets/img/portfolio/p3.jpg" data-gallery="portfolioGallery" class="portfolio-lightbox" title="Web 3"><i class="bx bx-plus"></i></a>

                                </div>

                            </div>

                        </div>

                    </div>

                    <div class="col-lg-4 col-md-6 portfolio-item filter-web">

                        <div class="portfolio-wrap">

                            <img src="assets/img/portfolio/p5.jpg" class="img-fluid" alt="">

                            <div class="portfolio-info">

                                <h4>Image 4</h4>

                                <div class="portfolio-links">

                                    <a href="assets/img/portfolio/p5.jpg" data-gallery="portfolioGallery" class="portfolio-lightbox" title="Web 3"><i class="bx bx-plus"></i></a>

                                </div>

                            </div>

                        </div>

                    </div>

                    <div class="col-lg-4 col-md-6 portfolio-item filter-web">

                        <div class="portfolio-wrap">

                            <img src="assets/img/portfolio/p6.jpg" class="img-fluid" alt="">

                            <div class="portfolio-info">

                                <h4>Image 6</h4>

                                <div class="portfolio-links">

                                    <a href="assets/img/portfolio/p6.jpg" data-gallery="portfolioGallery" class="portfolio-lightbox" title="Web 3"><i class="bx bx-plus"></i></a>

                                </div>

                            </div>

                        </div>

                    </div>

                    <div class="col-lg-4 col-md-6 portfolio-item filter-web">

                        <div class="portfolio-wrap">

                            <img src="assets/img/portfolio/p4.jpg" class="img-fluid" alt="">

                            <div class="portfolio-info">

                                <h4>Image 5</h4>

                                <div class="portfolio-links">

                                    <a href="assets/img/portfolio/p4.jpg" data-gallery="portfolioGallery" class="portfolio-lightbox" title="Web 3"><i class="bx bx-plus"></i></a>

                                </div>

                            </div>

                        </div>

                    </div>

                </div>

            </div>

        </section>

        <!-- End Portfolio Section -->

        <section id="features" class="features" data-aos="fade-up">

            <div class="container">

                <div class="section-title">

                    <h2>Conclusion</h2>

                </div>

                <div class="row content">

                    <div class="col-md-5" data-aos="fade-right" data-aos-delay="100">

                        <img src="assets/img/img1.jpg" class="img-fluid" alt="">

                    </div>

                    <div class="col-md-7 pt-4" data-aos="fade-left" data-aos-delay="100">

                        <h3>Electricity Consumption Stats.</h3>

                        <ul>

                            <li><i class=" bi bi-check"></i> Maharashtra is the Highest Electricity consumption user of India.</li>

                            <li><i class="bi bi-check"></i> Gujarat is the Second Highest Electricity consumption user of India.</li>

                            <li><i class="bi bi-check"></i> Sikkim is the Lowest Electricity Consumption user of India .</li>

                        </ul>

                    </div>

                </div>

                <div class="row content">

                    <div class="col-md-5 order-1 order-md-2" data-aos="fade-left">

                        <img src="assets\img\img2.jpg" class="img-fluid" alt="">

                    </div>

                    <div class="col-md-7 pt-5 order-2 order-md-1" data-aos="fade-right">

                        <h3>Electricity Consumption before and during Lockdown in India</h3>

                        <p class="">

                            Electricity consumption was more in 2019 in month of March-June before Lockdown

                        </p>

                        <p>

                            Electricity Consumption was less in 2020 in month of March-June during the Lockdown

                        </p>

                    </div>

                </div>

                <div class="row content">

                    <div class="col-md-5" data-aos="fade-right">

                        <img src="assets/img/img3.jpg" class="img-fluid" alt="">

                    </div>

                    <div class="col-md-7 pt-5" data-aos="fade-left">

                        <h3>Electricity Consumption in Quarters</h3>

                        <ul>

                            <li><i class="bi bi-check"></i> Electricity Consumption in 2019 for Quarter 3 was Highest.</li>

                            <li><i class="bi bi-check"></i> Electricity Consumption in 2019 for Quarter 1 was Lowest.</li>

                            <li><i class="bi bi-check"></i> Electricity Consumption in 2020 for Quarter 3 was Lowest.</li>

                            <li><i class="bi bi-check"></i> Electricity Consumption in 2020 for Quarter 1 was Highest.</li>

                        </ul>

                    </div>

                </div>

                <div class="row content">

                    <div class="col-md-5 order-1 order-md-2" data-aos="fade-left">

                        <img src="assets/img/img5.jpg" class="img-fluid" alt="">

                    </div>

                    <div class="col-md-7 pt-5 order-2 order-md-1" data-aos="fade-right">

                        <h3>Electricity Consumption in Regions</h3>

                        <ul>

                            <li><i class="bi bi-check"></i> Total Electricity consumption in Western Region is Highest.</li>

                            <li><i class="bi bi-check"></i> Total Electricity consumption in North Eastern Region is Lowest.</li>

                            <li><i class="bi bi-check"></i> Electricity Consumption in 2020 for Quarter 3 was Lowest.</li>

                            <li><i class="bi bi-check"></i> Electricity Consumption in 2020 for Quarter 1 was Highest.</li>

                        </ul>

                    </div>

                </div>

            </div>

        </section>

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

        <section id="contact" class="contact section-bg">

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

                <div class="section-title">

                    <h2>Contact</h2>

                </div>

                <div class="row">

                    <div class="col-lg-6">

                        <div class="row">

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

                                <div class="info-box">

                                    <i class="bx bx-map"></i>

                                    <h3>Our Address</h3>

                                    <p>SamrtBridge, Hyderabad,AndhraPradesh, India</p>

                                </div>

                            </div>

                            <div class="col-md-6">

                                <div class="info-box mt-4">

                                    <i class="bx bx-envelope"></i>

                                    <h3>Email Us</h3>

                                    <p>info@smartbridge.com<br>contact@smartbridge.com</p>

                                </div>

                            </div>

                            <div class="col-md-6">

                                <div class="info-box mt-4">

                                    <i class="bx bx-phone-call"></i>

                                    <h3>Call Us</h3>

                                    <p>+11 1234 1234<br>+11 4321 4321</p>

                                </div>

                            </div>

                        </div>

                    </div>

                    <div class="col-lg-6 mt-4 mt-md-0">

                        <form action="forms/contact.php" method="post" role="form" class="php-email-form">

                            <div class="row">

                                <div class="col-md-6 form-group">

                                    <input type="text" name="name" class="form-control" id="name" placeholder="Your Name" required>

                                </div>

                                <div class="col-md-6 form-group mt-3 mt-md-0">

                                    <input type="email" class="form-control" name="email" id="email" placeholder="Your Email" required>

                                </div>

                            </div>

                            <div class="form-group mt-3">

                                <input type="text" class="form-control" name="subject" id="subject" placeholder="Subject" required>

                            </div>

                            <div class="form-group mt-3">

                                <textarea class="form-control" name="message" rows="5" placeholder="Message" 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="container d-md-flex py-4">

            <div class="me-md-auto text-center text-md-start">

                <div class="copyright">

                    &copy; Copyright <strong><span>SmartBridge</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/bikin-free-simple-landing-page-template/ -->

                    Designed by <a href="https://bootstrapmade.com/">Indra Prakash</a>

                </div>

            </div>

            <div class="social-links text-center text-md-right pt-3 pt-md-0">

                <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>

    </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/php-email-form/validate.js"></script>

    <!-- Template Main JS File -->

    <script src="assets/js/main.js"></script>

</body>

</html>