

plugging into the future: an exploration of electricity consumption patterns using tableau

12.1 Source File

Index.html

```
<!DOCTYPE html>
<html>
<head>
    <title>Plugging into the Future</title>
    <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.2/dist/css/bootstrap.min.css" rel="stylesheet">
</head>
<body>
<nav class="navbar navbar-expand-lg navbar-dark bg-dark">
<div class="container-fluid">
    <a class="navbar-brand" href="/">Electricity Analytics</a>
    <button class="navbar-toggler" type="button" data-bs-toggle="collapse" data-bs-target="#navbarNav">
        <span class="navbar-toggler-icon"></span>
    </button>
    <div class="collapse navbar-collapse" id="navbarNav">
        <ul class="navbar-nav ms-auto">
            <li class="nav-item"><a class="nav-link" href="/">Home</a></li>
            <li class="nav-item"><a class="nav-link" href="/about">About</a></li>
            <li class="nav-item"><a class="nav-link" href="/dashboard1">Dashboard 1</a></li>
            <li class="nav-item"><a class="nav-link" href="/dashboard2">Dashboard 2</a></li>
            <li class="nav-item"><a class="nav-link" href="/dashboard3">Dashboard 3</a></li>
            <li class="nav-item"><a class="nav-link" href="/story">Story</a></li>
        </ul>
    </div>
</div>
</nav>

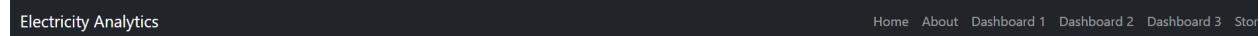
<div class="container mt-5">
<div class="text-center">
    <h1>Plugging into the Future</h1>
    <p class="lead">An Exploration of Electricity Consumption Patterns Using Tableau</p>
    <p>
```

plugging into the future: an exploration of electricity consumption patterns using tableau

This project analyzes electricity consumption trends across regions, time periods, and sectors using interactive Tableau dashboards.

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

```
</body>
</html>
```



Electricity Analytics

Home About Dashboard 1 Dashboard 2 Dashboard 3 Storyboard

Plugging into the Future

An Exploration of Electricity Consumption Patterns Using Tableau

This project analyzes electricity consumption trends across regions, time periods, and sectors using interactive Tableau dashboards.

About.html



```
<!DOCTYPE html>
<html>
<head>
    <title>About Project</title>
    <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.2/dist/css/bootstrap.min.css" rel="stylesheet">
</head>
<body>
```

```
<!-- Navbar Here -->
```

```
<div class="container mt-5">
    <h2>About the Project</h2>
    <p>
```

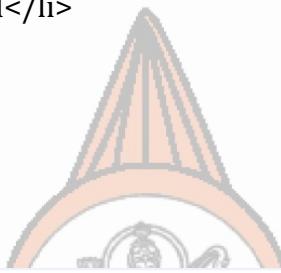
plugging into the future: an exploration of electricity consumption patterns using tableau

This project explores electricity consumption patterns using Tableau.

The analysis focuses on:

```
</p>
<ul>
  <li>Yearly electricity consumption trends</li>
  <li>Sector-wise consumption analysis</li>
  <li>Regional usage comparisons</li>
  <li>Forecasting future demand</li>
</ul>
</div>

</body>
</html>
```



About the Project

This project explores electricity consumption patterns using Tableau. The analysis focuses on:

- Yearly electricity consumption trends
- Sector-wise consumption analysis
- Regional usage comparisons
- Forecasting future demand



Dashboard1.html

```
<!DOCTYPE html>
<html>
<head>
  <title>Dashboard 1</title>
  <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.2/dist/css/bootstrap.min.css" rel="stylesheet">
```

plugging into the future: an exploration of electricity consumption patterns using tableau

```
</head>
<body>

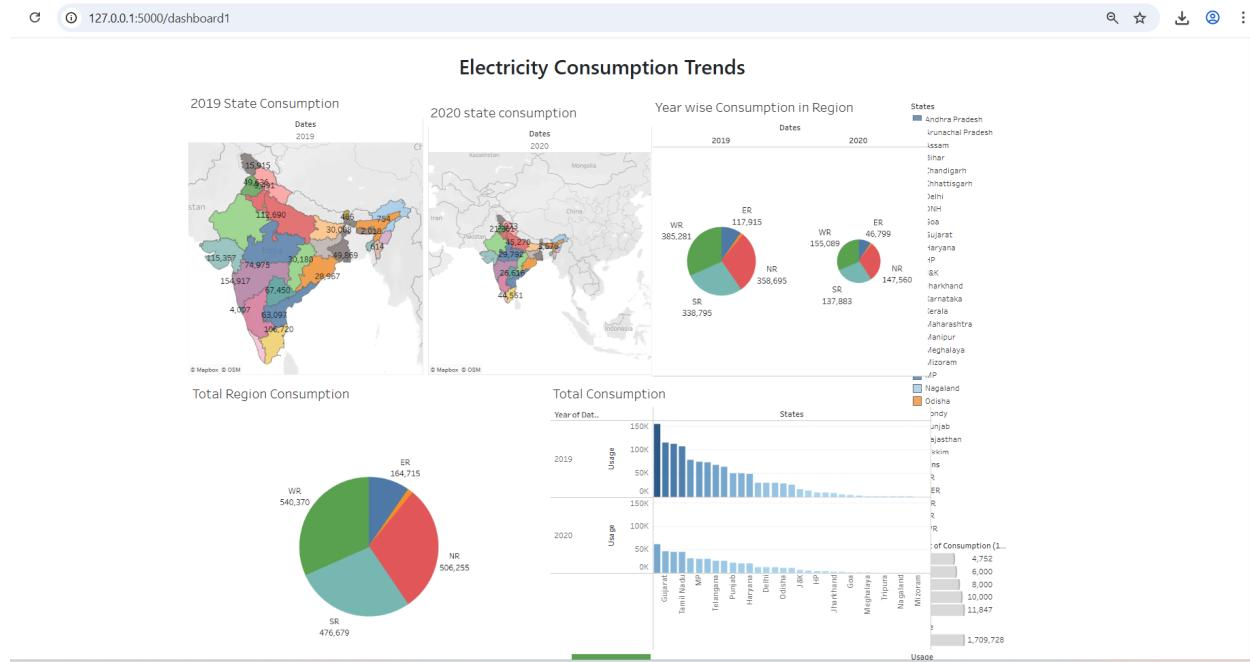
<!-- Navbar Here -->

<div class="container mt-4">
  <h2 class="text-center">Electricity Consumption Trends</h2>

  <div class="mt-4">
    <!-- Tableau Embed -->
    <div class='tableauPlaceholder' id='viz1771054036972' style='position: relative'><noscript><a href='#'><img alt='Dashboard 1 ' src='https://public.tableau.com/static/images/Bh&#47;Bharathsimha-Dashboard1&#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='Bharathsimha-Dashboard1&#47;Dashboard1' /><param name='tabs' value='no' /><param name='toolbar' value='yes' /><param name='static_image' value='https://public.tableau.com/static/images/Bh&#47;Bharathsimha-Dashboard1&#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('viz1771054036972');      divElement.getElementsByTagName('object')[0];      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='1877px';}      var scriptElement = document.createElement('script');      scriptElement.src = 'https://public.tableau.com/javascripts/api/viz_v1.js';      vizElement.parentNode.insertBefore(scriptElement, vizElement);      </script>
    </div>
  </div>
```

plugging into the future: an exploration of electricity consumption patterns using tableau

```
</body>  
</html>
```



Dashboard2.html

```
<!DOCTYPE html>  
<html>  
<head>  
    <title>Dashboard 1</title>  
    <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.2/dist/css/bootstrap.min.css" rel="stylesheet">  
</head>  
<body>  
  
<nav class="navbar navbar-expand-lg navbar-dark bg-dark">  
    <div class="container-fluid">  
        <a class="navbar-brand" href="/">Electricity Analytics</a>  
        <button class="navbar-toggler" type="button" data-bs-toggle="collapse" data-bs-target="#navbarNav">  
            <span class="navbar-toggler-icon"></span>  
        </button>  
        <div class="collapse navbar-collapse" id="navbarNav">
```

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```
<ul class="navbar-nav ms-auto">
  <li class="nav-item"><a class="nav-link" href="/">Home</a></li>
  <li class="nav-item"><a class="nav-link" href="/about">About</a></li>
  <li class="nav-item"><a class="nav-link" href="/dashboard1">Dashboard 1</a></li>
  <li class="nav-item"><a class="nav-link" href="/dashboard2">Dashboard 2</a></li>
  <li class="nav-item"><a class="nav-link" href="/dashboard3">Dashboard 3</a></li>
  <li class="nav-item"><a class="nav-link" href="/story">Story</a></li>
</ul>
</div>
</div>
</nav>
```

```
<div class="container mt-4">
  <h2 class="text-center">Sector-wise Consumption Analysis</h2>

  <div class="mt-4">
    <!-- Tableau Embed -->
    <div class='tableauPlaceholder' id='viz1771054281028' style='position: relative'><noscript><a href='#'><img alt='Dashboard 2 ' src='https://public.tableau.com/static/images/Bh&#47;Bharathsimha-Dashboard2&#47;Dashboard2&#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='Bharathsimha-Dashboard2&#47;Dashboard2' /><param name='tabs' value='no' /><param name='toolbar' value='yes' /><param name='static_image' value='https://public.tableau.com/static/images/Bh&#47;Bharathsimha-Dashboard2&#47;Dashboard2&#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('viz1771054281028');
    divElement.getElementsByTagName('object')[0];
    if ( divElement.offsetWidth > 800 ) {
      vizElement.style.width='100%';vizElement.style.height=(divElement.offsetWidth*0.75)+'px';
    }
  </div>
</div>
```

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```

} 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='1277px';}           var
scriptElement = document.createElement('script');           scriptElement.src =
'https://public.tableau.com/javascripts/api/viz_v1.js';
vizElement.parentNode.insertBefore(scriptElement, vizElement);           </script>
</div>
</div>

</body>
</html>

```



Story.html

<!DOCTYPE html>

<html>

<head>

Gayathri Educational Society
ESTD-2001

<title>Story</title>

<link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.2/dist/css/bootstrap.min.css" rel="stylesheet">

</head>

<body>

<nav class="navbar navbar-expand-lg navbar-dark bg-dark">

<div class="container-fluid">

plugging into the future: an exploration of electricity consumption patterns using tableau

```
<a class="navbar-brand" href="/">Electricity Analytics</a>
<button class="navbar-toggler" type="button" data-bs-toggle="collapse" data-bs-target="#navbarNav">
  <span class="navbar-toggler-icon"></span>
</button>
<div class="collapse navbar-collapse" id="navbarNav">
  <ul class="navbar-nav ms-auto">
    <li class="nav-item"><a class="nav-link" href="/">Home</a></li>
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    <li class="nav-item"><a class="nav-link" href="/dashboard2">Dashboard 2</a></li>
    <li class="nav-item"><a class="nav-link" href="/dashboard3">Dashboard 3</a></li>
    <li class="nav-item"><a class="nav-link" href="/story">Story</a></li>
  </ul>
</div>
</div>
</nav>
<div class='tableauPlaceholder' id='viz1771054001081' style='position: relative'><noscript><a href='#'><img alt='Dashboard 3 ' src='https://public.tableau.com/static/images/Bh&#47;Bharathsimha-Dashboard3&#47;Dashboard3&#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='Bharathsimha-Dashboard3&#47;Dashboard3' /><param name='tabs' value='no' /><param name='toolbar' value='yes' /><param name='static_image' value='https://public.tableau.com/static/images/Bh&#47;Bharathsimha-Dashboard3&#47;Dashboard3&#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('viz1771054001081');
divElement.getElementsByTagName('object')[0];
800 ) {
vizElement.style.width='100%';vizElement.style.height=(divElement.offsetWidth*0.75)+'px';
} else if ( divElement.offsetWidth > 500 ) {
```

plugging into the future: an exploration of electricity consumption patterns using tableau

```
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>
```

<div class="container mt-5">

<h2>Project Story</h2>

<p>

Electricity demand is increasing globally due to industrial growth, urbanization, and technological advancement.

</p>

<p>

Using Tableau, we identified key patterns such as peak consumption seasons, high-demand sectors, and future growth projections.

</p>

<p>

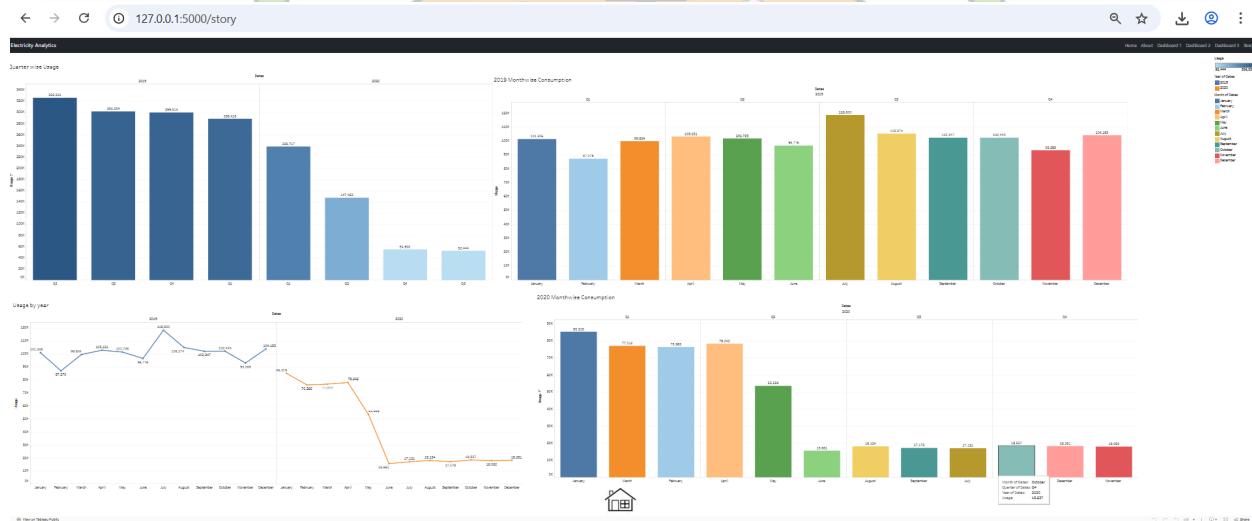
Insights from this analysis can support policy-making, energy planning, and sustainable development.

</p>

</div>

</body>

</html>



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