

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>
```



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>

Yearly electricity consumption trends

Sector-wise consumption analysis

Regional usage comparisons

Forecasting future demand

</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

Gayathri Educational Society
ESTD-2001

<!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 -->

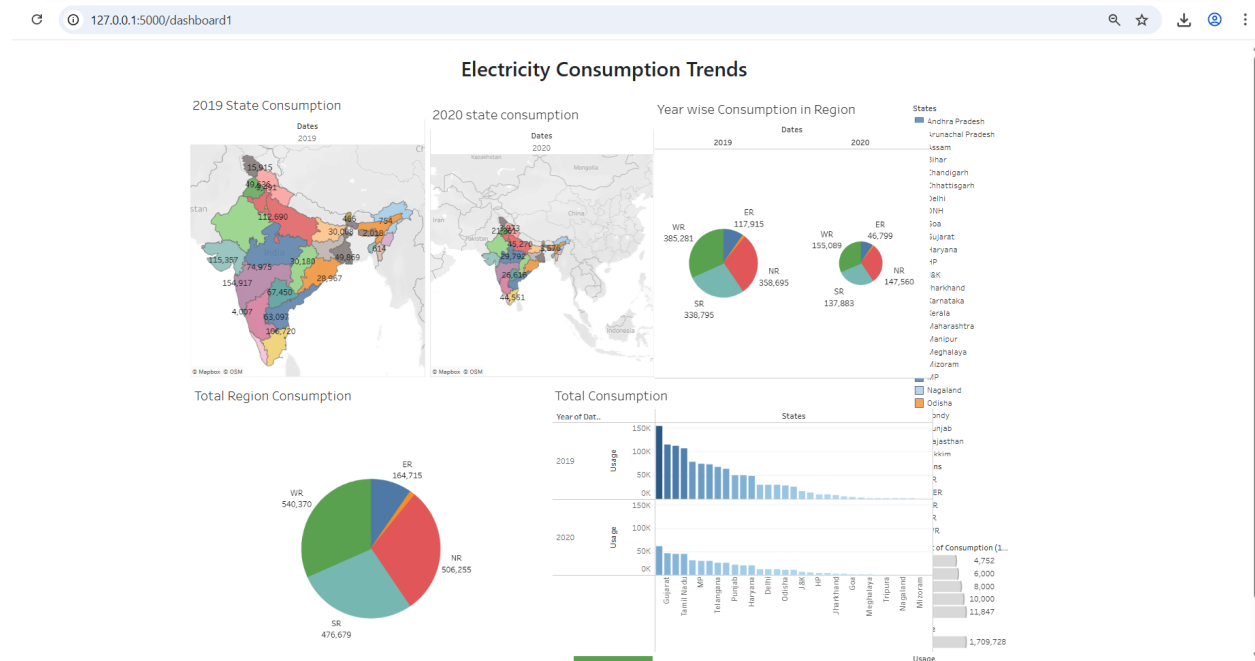
<div class="container mt-4">
  <h2 class="text-center">Electricity Consumption Trends</h2>

  <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/Bharaths
imha-Dashboard1/Dashboard1/1_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/Dashboard1' /><param name='tabs'
value='no' /><param name='toolbar' value='yes' /><param name='static_image'
value='https://public.tableau.com/static/images/Bh/Bhara
thsimha-Dashboard1/Dashboard1/1.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');      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='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>
```

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</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">

Electricity Analytics

<button class="navbar-toggler" type="button" data-bs-toggle="collapse" data-bs-target="#navbarNav">

</button>

<div class="collapse navbar-collapse" id="navbarNav">

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

```
<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/Bharaths
imha-Dashboard2/Dashboard2/1_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/Dashboard2' /><param name='tabs'
value='no' /><param name='toolbar' value='yes' /><param name='static_image'
value='https://public.tableau.com/static/images/Bh/Bhara
thsimha-Dashboard2/Dashboard2/1.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');          var vizElement =
divElement.getElementsByTagName('object')[0];          if ( divElement.offsetWidth >
800 ) {
vizElement.style.width='100%';vizElement.style.height=(divElement.offsetWidth*0.75)+'px';
```

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

```
} 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>  
  <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>
    <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='tableauPlaceholder' id='viz1771054001081' style='position:
relative'><noscript><a href='#'><img alt='Dashboard 3 '
src='https://public.tableau.com/static/images/Bh/Bharaths
imha-Dashboard3/Dashboard3/1_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/Dashboard3' /><param name='tabs'
value='no' /><param name='toolbar' value='yes' /><param name='static_image'
value='https://public.tableau.com/static/images/Bh/Bhara
thsimha-Dashboard3/Dashboard3/1.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 ) {
```


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```
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>
```



