

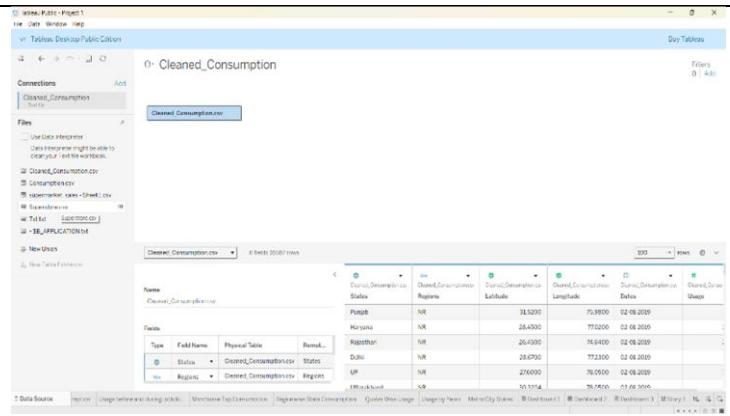
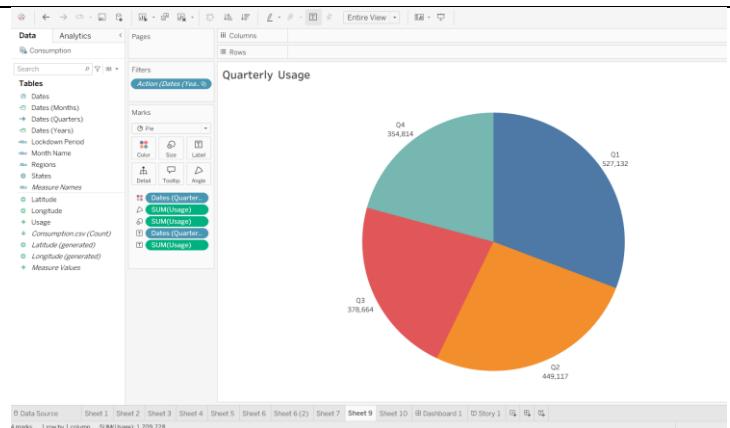
## Project Development Phase

### Performance Test

Date	10 February 2026
Team ID	LTVIP2026TMIDS34997
Project Name	Plugging into the Future: An Exploration of Electricity Consumption Patterns Using Tableau
Maximum Marks	

#### Model Performance Testing:

Project team shall fill the following information in model performance testing template.

S.No.	Parameter	Screenshot / Values
1.	Data Rendered	<a href="https://drive.google.com/file/d/1JxIkHNwXxjFztKq7ad0_KtkukCqTckNy/view">https://drive.google.com/file/d/1JxIkHNwXxjFztKq7ad0_KtkukCqTckNy/view</a>
2.	Data Preprocessing	
3.	Utilization of Filters	

4. Calculation fields Used	<p><b>Data</b>      <b>Analytics</b> <a href="#">&lt;</a></p> <p> Consumption</p> <p>Search <input type="text"/> <input type="button"/> <input type="button"/> <input type="button"/></p> <h3>Tables</h3> <ul style="list-style-type: none"> <li>- <a href="#">Dates</a></li> <li>- <a href="#">Dates (Months)</a></li> <li>- <a href="#">Dates (Quarters)</a></li> <li>- <a href="#">Dates (Years)</a></li> <li>= <a href="#">Lockdown Period</a></li> <li>= <a href="#">Month Name</a></li> <li><a href="#">Regions</a></li> <li><a href="#">States</a></li> <li><a href="#">Measure Names</a></li> </ul> <hr/> <ul style="list-style-type: none"> <li><a href="#">Latitude</a></li> <li><a href="#">Longitude</a></li> <li># <a href="#">Usage</a></li> <li># <a href="#">Consumption.csv (Count)</a></li> <li><a href="#">Latitude (generated)</a></li> <li><a href="#">Longitude (generated)</a></li> <li># <a href="#">Measure Values</a></li> </ul>
5. Dashboard design	<p>No of Visualizations / Graphs – 9</p> <p>The dashboard displays nine visualizations:</p> <ul style="list-style-type: none"> <li><b>India Consumption:</b> A choropleth map of India showing electricity consumption by state.</li> <li><b>Month Wise Trend:</b> A line chart showing monthly electricity usage from December 2018 to June 2020.</li> <li><b>Usage by Regions:</b> A pie chart showing regional usage distribution: WR (31.61%), SR (27.88%), NR (29.61%), and NER (1.27%).</li> <li><b>Usage by Year:</b> A bar chart comparing annual usage for 2019 and 2020.</li> <li><b>State Wise Consumption:</b> A horizontal bar chart ranking states by usage.</li> <li><b>Quarterly Usage:</b> A pie chart showing quarterly usage for Q1, Q2, Q3, and Q4.</li> <li><b>Before After lockdown:</b> A bar chart comparing usage before and after the lockdown period.</li> </ul>

