

**Format for the Weekly Progress Report**

<b>Name of the Student 1</b>	Dev Pandya
<b>Roll Number of Student 1</b>	22BCP409
<b>Name of the Student 2 (if any)</b>	Kavya Patel
<b>Roll Number of Student 2 (if any)</b>	22BCP406
<b>Project Title</b>	<b>Smart Energy Consumption Monitoring and Prediction Using Big Data</b>
<b>Name of the Supervisor (Mentor) at PDEU</b>	Dr. Samir Patel
<b>Week Number</b>	Week 13
<p><b>Progress made in Week 13:</b></p> <ul style="list-style-type: none"> <li>Conducted a full review of the <b>Power BI dashboard</b>, improving layout consistency, visual alignment, and user interaction flow.</li> <li>Enhanced <b>data visuals</b> for a cleaner and more professional appearance.</li> <li>Verified that all components, Kafka, Spark, Zeppelin, and Power BI function cohesively without latency or data mismatches.</li> <li>Carried out <b>minor improvements</b> in documentation, naming conventions, and workflow structure for a polished final submission.</li> <li>Ensured the entire system is <b>presentation-ready</b>, providing clear insights, real-time visuals, and a well-finished interface.</li> </ul>	

**Dev Pandya**

**Kavya Patel**

**Dr. Samir Patel**

**Name & Signature of  
Student 1**

**Name & Signature of  
Student 2**

**Name & Signature of  
Supervisor (Mentor)**