

### 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

**Progress made in Week 13:**

- Conducted a full review of the **Power BI dashboard**, improving layout consistency, visual alignment, and user interaction flow.
- Enhanced **data visuals** for a cleaner and more professional appearance.
- Verified that all components, Kafka, Spark, Zeppelin, and Power BI function cohesively without latency or data mismatches.
- Carried out **minor improvements** in documentation, naming conventions, and workflow structure for a polished final submission.
- Ensured the entire system is **presentation-ready**, providing clear insights, real-time visuals, and a well-finished interface.

Dev Pandya

Kavya Patel

Dr. Samir Patel

**Name & Signature of  
Student 1**

**Name & Signature of  
Student 2**

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