Project Design Phase-I
Solution Architecture

Date	22 February 2026
Team ID	LTVIP2026TMIDS35939
Project Name	Plugging into the Future: An Exploration of Electricity Consumption Patterns Using Tableau
Maximum Marks	4 Marks

Solution Architecture:

The Solution Architecture describes the overall structural design of the proposed electricity consumption analysis system. It explains how data is collected, processed, and transformed into meaningful visual insights using Tableau. The architecture outlines the flow of data from the source layer to the interactive dashboard layer, ensuring accuracy, scalability, and effective decision-making. This structured approach helps in delivering a user-friendly and efficient analytical solution.
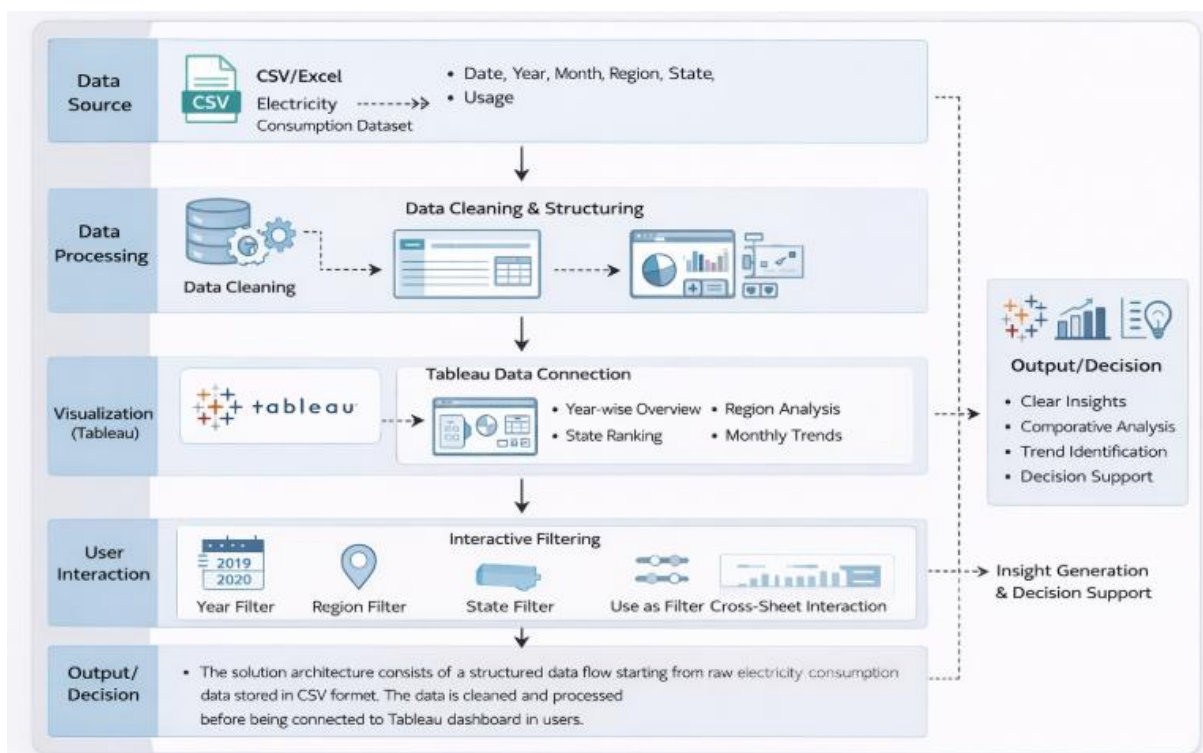
Solution Architecture Diagram:

Figure 1: Solution Architecture Diagram for Electricity Consumption Analysis System