

Define the Problem Statements

Date	22 June 2025
Team ID	LTVIP2025TMID37462
Project Name	Sustainable Smart-city AI Assistant Using IBM LLM
Maximum Marks	2 Marks

Customer Problem Statement Template

Problem Statement (PS-1)

I am a city resident or urban planner

I'm trying to monitor and improve my city's sustainability performance across key metrics such as pollution, energy usage, and waste management

But I lack a centralized, intelligent, and real-time platform that offers actionable insights and personalized suggestions

Because traditional systems are fragmented, non-intelligent, and don't leverage AI for eco-innovation or citizen participation

Which makes me feel disconnected, uninformed, and unable to contribute effectively to sustainability goals

Ex:

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Problem Statement (PS-2)

I am a policy maker or urban governance body

I'm trying to evaluate environmental KPIs, respond to citizen concerns, and plan for sustainable development using smart data

But I don't have access to AI-driven tools that provide comprehensive city insights, predictive forecasting, and eco-aware recommendations

Because manual data collection and analysis is time-consuming, and existing dashboards are reactive, not proactive

Which makes me feel overwhelmed and limited in my ability to make data-driven sustainability decisions

Ex:

