

Ideation Phase

Define the Problem Statements

Date	16 June 2025
Team ID	LTVIP2025TMID38998
Project Name	TrafficTelligence Advanced Traffic Volume Estimation With Machine Learning
Maximum Marks	2 Marks

Customer Problem Statement Template:

Create a problem statement to understand your customer's point of view. The Customer Problem Statement template helps you focus on what matters to create experiences people will love.

A well-articulated customer problem statement allows you and your team to find the ideal solution for the challenges your customers face. Throughout the process, you'll also be able to empathize with your customers, which helps you better understand how they perceive your product or service.

I am	Describe customer with 3-4 key characteristics - who are they?	Describe the customer and their attributes here
I'm trying to	List their outcome or "job" the care about - what are they trying to achieve?	List the thing they are trying to achieve here
but	Describe what problems or barriers stand in the way - what bothers them most?	Describe the problems or barriers that get in the way here
because	Enter the "root cause" of why the problem or barrier exists - what needs to be solved?	Describe the reason the problems or barriers exist
which makes me feel	Describe the emotions from the customer's point of view - how does it impact them emotionally?	Describe the emotions the result from experiencing the problems or barriers

Reference: <https://miro.com/templates/customer-problem-statement/>

Example:

Problem Statement (PS)	I am (Customer)	I'm trying to	But	Because	Which makes me feel
PS-1	A city traffic management authority or smart city planner	Efficiently monitor and manage traffic volume across multiple	Current traffic monitoring systems are either outdated, expensive	There is no dynamic or real-time traffic adjustment system in place	Anxious, frustrated, and dissatisfied with the overall urban transportation experience

		urban junctions in real time	to maintain, or require manual interventions which lead to errors and delay		
PS-2	A daily commuter in a busy metropolitan area	Reach my destination on time without delays or unpredictable congestion	often get stuck in traffic due to poor signal timing and lack of traffic volume awareness	There is no dynamic or real-time traffic adjustment system in place	Anxious, frustrated, and dissatisfied with the overall urban transportation experience