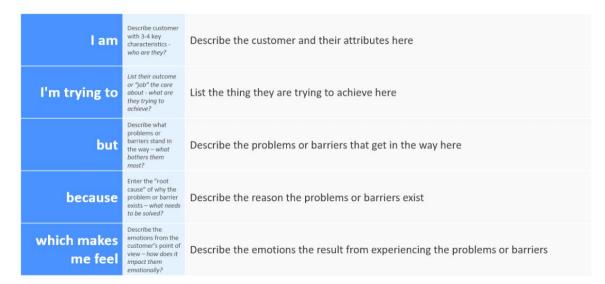
Ideation Phase Define the Problem Statements

Date	31 January 2025
Team ID	LTVIP2025TMID34541
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.



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	An urban planner or traffic system designer	Predict and manage traffic volume more accurately to improve road efficiency and commuter experience	I rely on manual analysis or outdated models that don't factor in dynamic variables like weather, time, or historical patterns	Traditional methods lack adaptability and cannot handle the complexity of real-world traffic behavior	Helpless, reactive, and concerned about poor traffic planning decisions that lead to congestion and dissatisfaction
PS-2	I daily commuter relying on city navigation apps	Plan my travel routes to avoid heavy traffic and delays	Most navigation systems only react to current traffic rather than predict future congestion	They lack intelligent forecasting based on patterns like time, weather, and historical volume trends	Frustrated, late, and anxious about reaching destinations on time