# Define the Problem Statements

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| Date | 27 June 2025 |
| Team ID | LTVIP2025TMID39957 |
| 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 appreciate.  
  
A well-articulated customer problem statement allows your team to find the ideal solution for the challenges your users face. Through the process, you’ll better empathize with your customers and understand how they perceive your product or service.

## Template:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| I am (Customer) | I’m trying to | But | Because | Which makes me feel |
| Describe the customer and their attributes | List the thing they are trying to achieve | Describe the barriers that get in the way | Describe the reason the barriers exist | Describe the emotions caused by the barriers |

## Example (Traffic Intelligence Use Case):

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Problem Statement (PS) | I am (Customer) | I’m trying to | But | Because | Which makes me feel |
| PS-1 | a city commuter | reach my office on time | traffic is unpredictable | there is no real-time congestion alert or route optimization | stressed and often late |
| PS-2 | a traffic control officer | manage city traffic efficiently | I lack real-time data | the system doesn’t provide timely incident reports | helpless and overwhelmed |