

## Ideation Phase

### Define the Problem Statements

Date	03 November 2022
Team ID	PNT2022TMID30068
Project Name	Project – Exploratory analysis of rainfall data in India for agriculture
Maximum Marks	2 Marks

#### Customer Problem Statement Template:

Weather conditions changes then and often. This can lead to Severe threats to all the living beings including human beings. So predicting weather, especially Irregular heavy rainfall, Droughts can cause huge economic losses. This also decreases crop productivity and may lead into Food shortage. Predicting the Rainfall plays a vital role in our life time. Farmers will get benefit due to this and Our country's GDP will rise. Collection of previous 10 years data may give us an idea about the pattern of Rainfall. Using all these Datas, Appropriate farming activities can be performed. Water is the vital mineral for a life. So, these datas can help us in predicting Rainfall during summer days to save water. Agriculture definitely requires gallons of waters..

<b>I am</b>	Describe customer with 3-4 key characteristics - who are they?	Describe the customer and their attributes here
<b>I'm trying to</b>	List their outcome or "job" the care about - what are they trying to achieve?	List the thing they are trying to achieve here
<b>but</b>	Describe what problems or barriers stand in the way - what bothers them most?	Describe the problems or barriers that get in the way here
<b>because</b>	Enter the "root cause" of why the problem or barrier exists - what needs to be solved?	Describe the reason the problems or barriers exist
<b>which makes me feel</b>	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:

I am	I'm trying to	But	Because	Which makes me feel
farmer	Sow seeds and crops and grow Them on my land	Heavy rainfall may destroy The crops and plants	It causes floods so predicting may help probably	Helpless and depressed

Problem Statement (PS)	I am (Customer)	I'm trying to	But	Because	Which makes me feel
PS-1	farmer	Sow seeds and crops and grow	Heavy rainfall may destroy	It causes floods so predicting	Helpless and depressed

		Them on my land	The crops and plants	may help probably	
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