

Ideation Phase

Define the Problem Statements

Date	19 September 2022
Team ID	PNT2022TMID32283
Project Name	Exploratory Analysis of Rainfall Data in India for Agriculture
Maximum Marks	2 Marks

Customer Problem Statement:

I am	A Farmer	<ul style="list-style-type: none"> Farmers are involved in planting, cultivating, performing post-harvest duties and supervising farm labour depending on the type of farm. The farms, greenhouses, nurseries, ranches and other agricultural production organizations.
I'm Trying to	Crops	<p>Oil crops:- For oil manufacturing either for machinery fuel or food industry</p> <p>Industrial crops:- In Industrial crops the rubber was manufactured</p> <p>Food crops:- It can used for cattle and livestock consumption</p> <p>Feed crops:- It can be used for human needs</p>
but	No rain	<ul style="list-style-type: none"> There may be a inadequate amount of rainfall when the climate changes. So, farmers are longing for rain.
Because	Crops longing for water, Dry Weather	<ul style="list-style-type: none"> The Indian agricultural lands are

		irrigating crops such as wheat, rice, pulses. <ul style="list-style-type: none"> • These are stable in Indian diet. • These needs heavy rainfalls to grow.
Which makes me feel	Frustrated	When there is no rainfalls, soils can dry out and there is more possibility for lose of crops. <ul style="list-style-type: none"> • The farmers feels disappointed.

Example:

I am	I'm trying to	But	Because	Which makes me feel
Farmer	Farming	No rain	Crops longing for water	Frustrated

Problem Statement (PS)	I am (Customer)	I'm trying to	But	Because	Which makes me feel
PS-1	Farmer	Crops	No rain	Crops longing for water, Dry weather	Frustrated
PS-2	Farmer	Farming with high yield(Crops)	Heavy rain	Rainy season, crops can die	Anxiety