

PROBLEM SOLUTON FIT

Define the Problem Statements

Date	19 September 2022
Team ID	PNT2022TMID32817
Project Name	Estimate the crop yield using Data Analytics
Maximum Marks	2 Marks

I am a Farmer	I'm trying to to make a decision on choosing the crop to be planted for the next harvest	But I'm not good at choosing an appropriate crop for a particular season and region	Because because of the losses I incurred in the previous harvests	Which makes me feel disappointed in myself.
I am a socialist	I'm trying to create awareness among the farmers about the role of data analytics in agriculture	But I'm unable to create a better dashboard/report that anyone can understand	Because I'm new to the field of data analytics	Which makes me feel demotivated to work on this awareness program.
I am a student	I'm trying to figure out the top 10 crops with the highest yield in India for a school project	But I'm completely overwhelmed by the enormous dataset	Because I don't have any knowledge of coding	Which makes me feel insecure
I am a entrepreneur	I'm trying to make awareness on the successful crops that can be planted with less amount of water with more harvest possible	But I am completely disappointed with the lack of knowledge on these crops among farmers	Because they don't have any prior knowledge on the field of data analytics	Which makes me feel I need to use the enormous data set available to make them understand the opportunity available.

Problem Statement (PS)	I am (Customer)	I'm trying to	But	Because	Which makes me feel
PS-1	a Farmer	to make a decision on choosing the crop to be planted for the next harvest	I'm not good at choosing an appropriate crop for a particular season and region	because of the losses I incurred in the previous harvests	disappointed in myself.

PS-2	a socialist	create awareness among the farmers about the role of data analytics in agriculture	I'm unable to create a better dashboard/report that anyone can understand	I'm new to the field of data analytics	demotivated to work on this awareness program.
PS-3	a student	figure out the top 10 crops with the highest yield in India for a school project	I'm completely overwhelmed by the enormous dataset	I don't have any knowledge of coding	insecure
PS-4	an entrepreneur	make awareness on the successful crops that can be planted with less amount of water with more harvest possible	I am completely disappointed with the lack of knowledge on these crops among farmers	they don't have any prior knowledge on the field of data analytics	I need to use the enormous data set available to make them understand the opportunity available.