PROBLEM SOLUTION FIT

CROP YIELD PREDICTION USING DATA ANALYTICS

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CROP YIELD PREDICTION
USING DATA ANALYTICS

1. CUSTOMER SEGMENT(S) — CS

The solution is mainly for the farmers the users, Research people can also use it.

6. CUSTOMER LIMITATIONS EG. BUDGET, DEVICES — CL

The customer must have a mobile phone

4. AVAILABLE SOLUTIONS — AS

For now, the plants are being planted based on the ancestor's way of training

2. PROBLEMS / PAINS + ITS FREQUENCY — PR

The main pain is that the farmers are not getting proper yields because of the soil

The loan amount is getting on higher and without the yield, the farmer is unable to pay the debt

9. PROBLEM ROOT / CAUSE — RC

The main problem for the soil salinity is the climatic change as well as the addition of unwanted fertilizes, and no proper water irrigation system

7. BEHAVIOR + ITS INTENSITY — BE

They will see what crop can be planted at offered price and what is the demand in the market

3. TRIGGERS TO ACT — TR

In order to have proper yield and to avoid debts

10. YOUR SOLUTION — SL

The solution that we are bringing is that we will be checking the soil salinity condition and we will recommending what crop should be planted or what nutrients needed to be added for one crop

8. CAN CUSTOMER ABLE TO AFFORD IT

Yes, only a smart phone is required

4. EMOTIONS BEFORE / AFTER — EM

Before the solution the farmer was in depressed and now He is being relaxed he will get the expected output