

# PROBLEM SOLUTION FIT CANVAS

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Define CS, fit into CC

## 1. CUSTOMER SEGMENT(S)

CS

Farmer, Agricultural economist, Agricultural Engineer

## 6. CUSTOMER

CC

- Clear understanding of analysis due to visualization technique
- Any kind of customers can understand the analysis and interpretation
- Less time consumption

## 5. AVAILABLE SOLUTIONS

AS

Crop yield forecasting using data mining  
Crop yield prediction using machine learning

Explore AS, differentiate

Focus on J&P, tap into BE, understand RC

## 2. JOBS-TO-BE-DONE / PROBLEMS

J&P

- Seasons with average productions
- With years usage of area and production
- Top 10 states with most area
- State with crop production
- States with the crop production along with season
- Dashboard creation

## 9. PROBLEM ROOT CAUSE

RC

In order to increase the crop yield to increase the quality and reduce the risk management

## 7. BEHAVIOUR

BE

- User should provide correct input for analysis
- Dashboard should be provided with best algorithm to give feasible solution

Focus on J&P, tap into BE, understand RC

Identify strong TR & EM

## 3. TRIGGERS

TR

Soil fertility, Climatic conditions, Crop Diseases, Less crop production, Affecting Economical and

## 4. EMOTIONS: BEFORE / AFTER

EM

Before: Depression due to ups and downs of crop production  
After: Positivity, Hope and Joy

## 10. YOUR SOLUTION

SL

- To estimate crop production in India using analysis
- Information to gain knowledge about crop production output in India

## 8. CHANNELS of BEHAVIOUR

CH

ONLINE

- Visualising the crop yield analysis

OFFLINE

Based on the analysis user gets the expected outcome

Extract online & offline CH of BE



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