

Project Report Template

1 INTRODUCTION

1.1 Overview

Projects topic is Indian Agricultural Crop Production

As per the 2014 [FAO](#) world agriculture statistics India is the world's largest producer of many fresh [fruits](#) like banana, mango, guava, papaya, [lemon](#) and vegetables like chickpea, okra and [milk](#), major [spices](#) like chili pepper, ginger, fibrous crops such as [jute](#), staples such as [millets](#) and [castor oil](#) seed. India is the second largest producer of [wheat](#) and [rice](#), the world's major [food staples](#). Create empathy map and brainstorming next we collect the data set and the data set is apply in tableau app next we create 8 sheets, 3 dashboards, 2 story on tableau. In this project the 8 sheets are describe the statewise agricultural land, Area vs production, Major crops, crops (plantation by count), yield by season, crop plantation by area, season wise production, season based cultivation area. We created this in the given dataset about Indian agricultural crop production.

1.2 Purpose

The use of this project

- ❖ Better decision making
- ❖ Easy to understand the dataset
- ❖ Easy to solve the problem

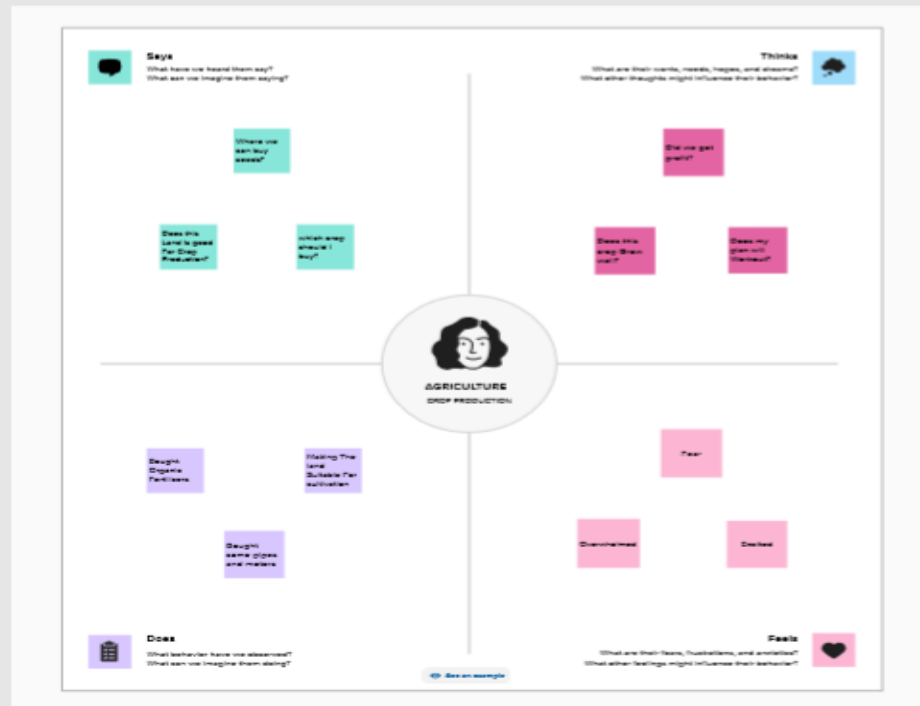
- ❖ Better known the statewise agricultural lands
- ❖ Clear understanding in crop production

What can be achieved using this?

We know the Indian agricultural crop production

2 .Problem Definition & Design Thinking

2.1 Empathy Map



2.2 Ideation & Brainstorming Map

The screenshot shows a web browser window with three tabs: 'empathy map.pdf', 'empathy map.pdf', and 'brainstorming map.pdf'. The address bar shows the file path: 'file:///C:/Users/admin/Downloads/brainstorming%20map.pdf'. The browser window displays a four-step ideation and brainstorming map.

Step 1: Define your problem statement
What problem are you trying to solve? Frame your problem as a How Might We statement. This will be the focus of your brainstorm.
5 minutes

Step 2: Brainstorm
Write down any ideas that come to mind that address your problem statement.
10 minutes

Step 3: Group ideas
Take turns sharing your ideas while clustering similar or related notes as you go. Once all sticky notes have been grouped, give each cluster a sentence-like label. If a cluster is bigger than six sticky notes, try and see if you can break it up into smaller sub-groups.
10 minutes

Step 4: Prioritize
Your team should all be on the same page moving forward. Place your ideas on this grid as important and which are feasible.
10 minutes

Key rules of brainstorming
To run an smooth and productive session:

- Stay in topic.
- Encourage wild ideas.
- Defer judgment.
- Listen to others.
- Go for volume.
- If possible, be visual.

Problem Statement:
How Can We Get The Soil Fertility Right?

Brainstorming Ideas:

Person 1	Person 2	Person 3	Person 4
We Can Buy Organic Seeds	The Government Is Increasing The Soil Fertility	Let's Make Sure It's Not Too Much	Planting More Trees
The Organic Community Will Be Able To Do It	Adding Organic Matter To The Soil	Adding Legumes To The Soil	Adding Legumes To The Soil
Using Organic Fertilizer	Using Organic Fertilizer	Using Organic Fertilizer	Using Organic Fertilizer
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Grouping Ideas:

Group 1: Organic Fertilizer	Group 2: Organic Fertilizer	Group 3: Organic Fertilizer
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Prioritization Grid:

Importance

Feasibility

Activate Windows
Go to Settings to activate Windows.

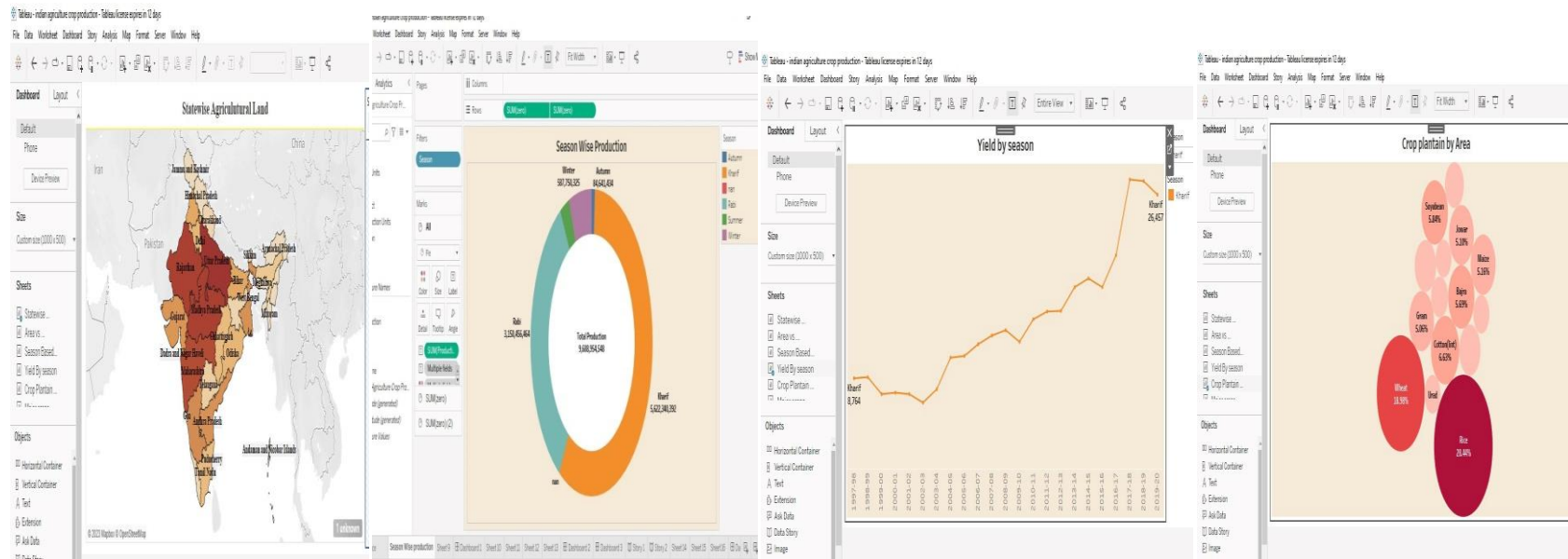
RESULT

State wise agricultural land

Season wise production

Yield by season

Crops plantain by area.



4. Advantages & Disadvantages

Advantages:

- It's give the clear solution.
- Easy to calculate the crop production

Disadvantage

- It have large data

5 .Applications

It's skill that empowers all levels of workers to ask the right questions of data and machines,buid knowledge , make decisions and communication meaning to others and is used for create the datasets in tableau. And it's used to know the crop production analysis and they can easily saw the problem and they can solve it.This is also used to see that how much crops are cultivated in their area. And what is the top most cultivated crop. It's easy to see the production list.

6. Conclusion

In the above report we saw the project overview, purpose and problem definition and design thinking, advantages and disadvantages, application.

7. Future Scope

To calculate the Indian agricultural crop production.

