

INDIA'S AGRICULTURAL CROP PRODUCTION ANALYSIS (1997 – 2021)

Project Report

1.INTRODUCTION

1.1 Overview

The productions of agriculture crop during the period 1997 – 2021 in India are analyzed here.

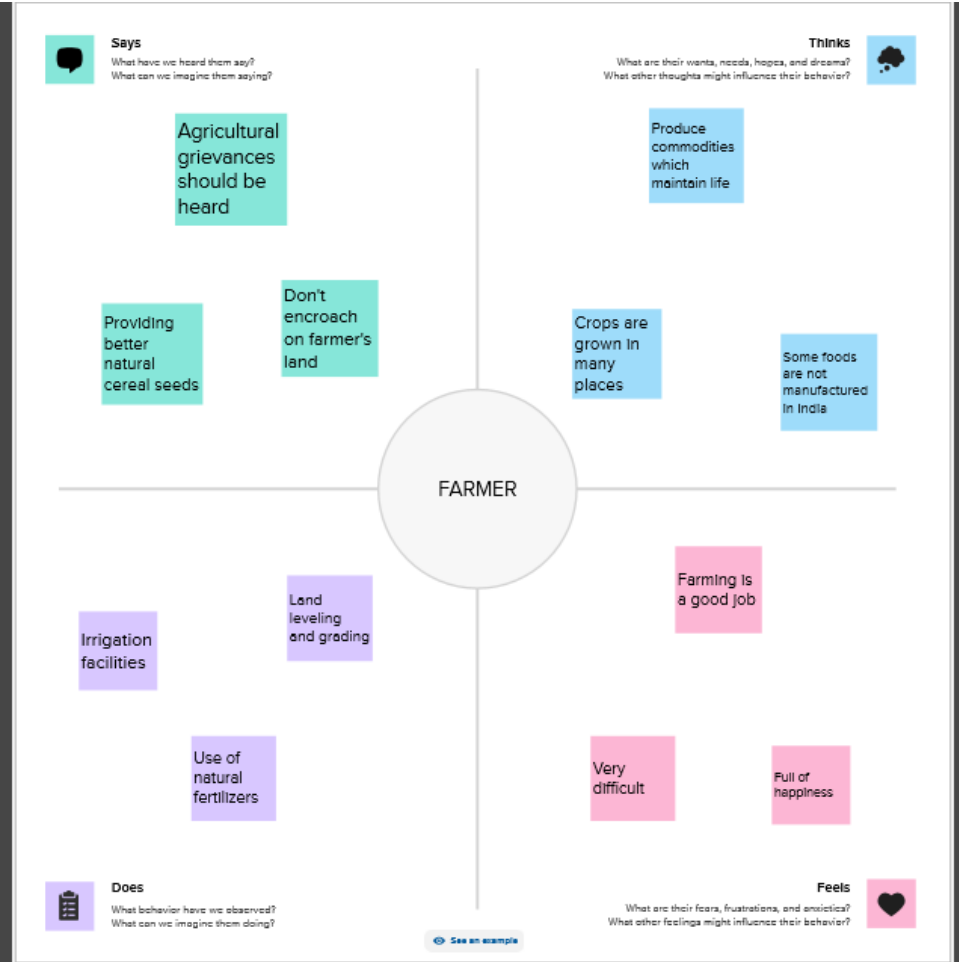
This report delves into the captivation realm of India's agricultural cultivation, providing a comprehensive visual exploration of key aspects and trends in the agricultural sector.


1.2 Purpose

With agriculture being the primary source of income for India and such an important sector, it is important that our farmers are aware of their rights, need and the various resources available for them, alongside with the knowledge of how they can implement these.

2.PROBLEM DEFINITION & DESIGN THINKING

2.1 Empathy Map





Brainstorm & idea prioritization

Use this template in your own brainstorming sessions as you learn how to unleash their imagination and start solving problems even if you're working in the same space.

- 1. Randomize process
- 2. Team introduction
- 3. Problem statement

Before you brainstorm

A team of generation gaps is going to solve the problem. This will be the best of your team.

- 1. Randomize

Define your problem statement

The problem you are going to solve. The problem is a challenge. The problem is a challenge. The problem is a challenge.

- 1. Randomize

Brainstorm

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Group ideas

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Practice


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After you brainstorm

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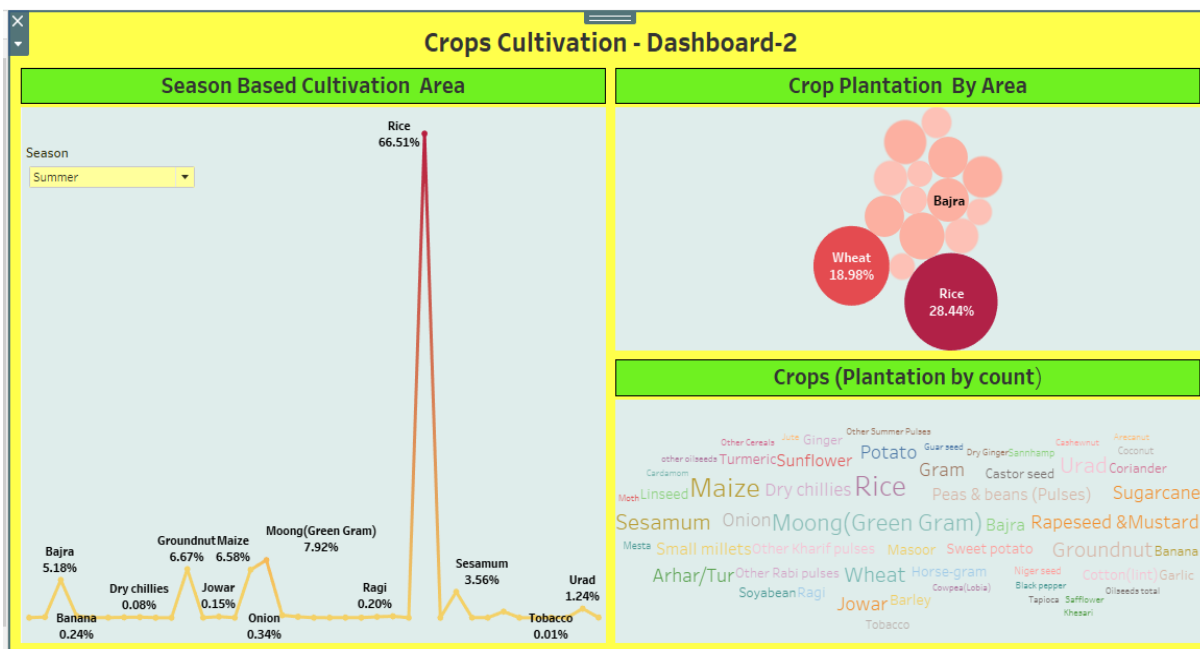
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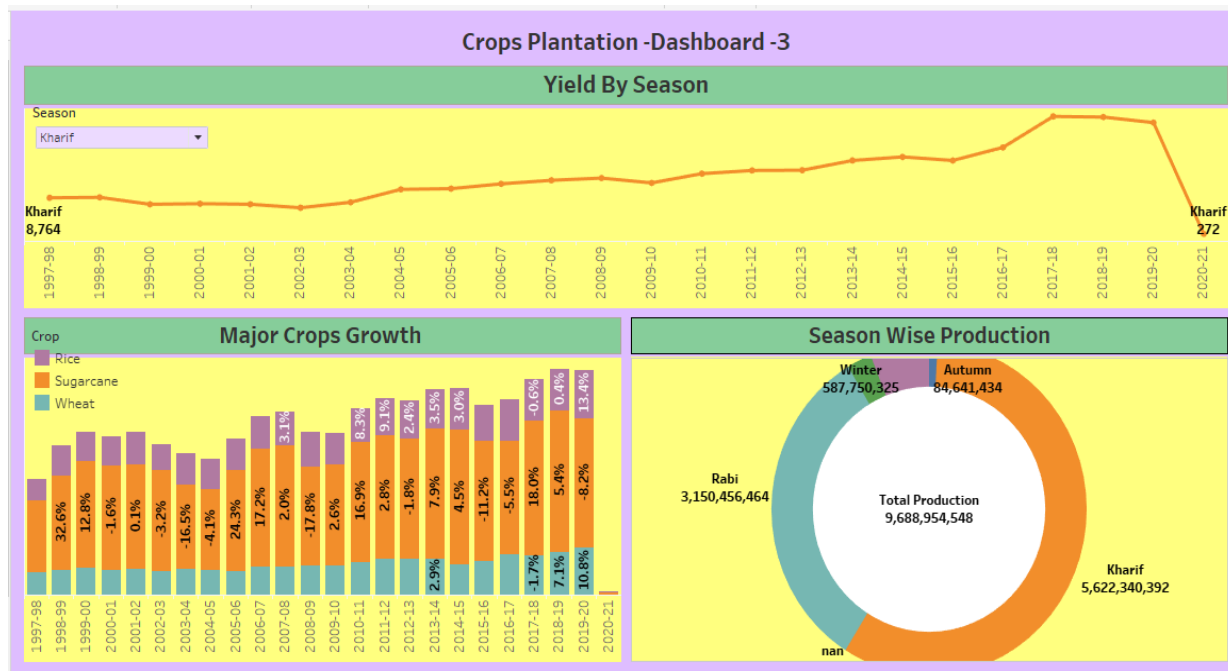
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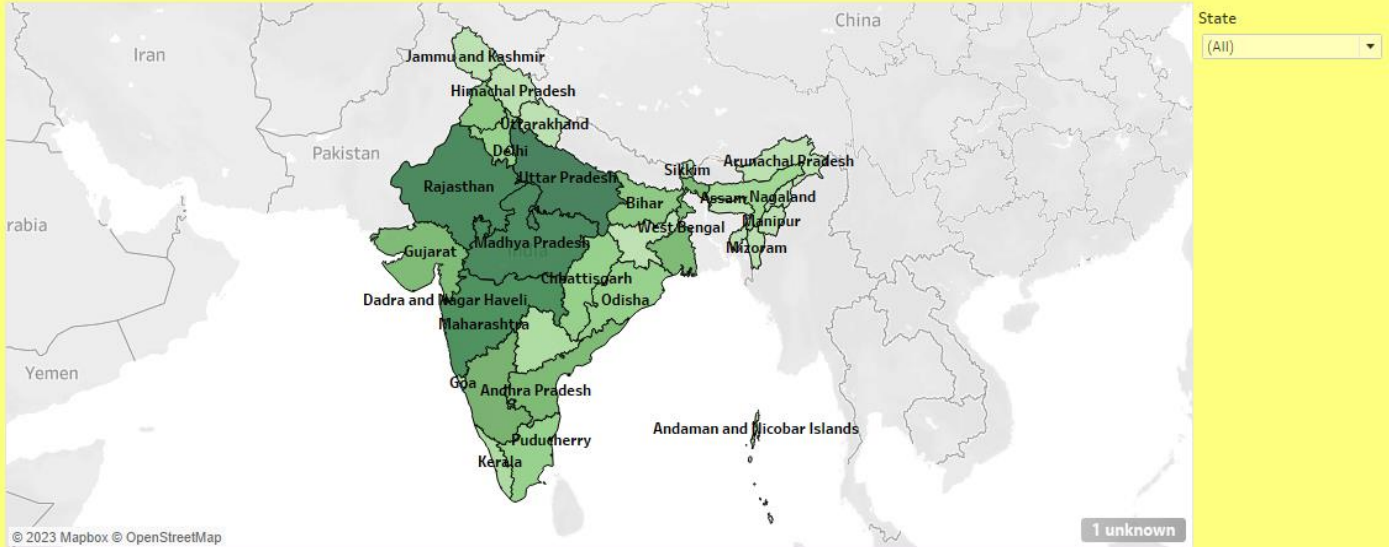
3.3 Dashboard – 3



3.4 Story – 1

Insights into India's agricultural cultivation - Story 1

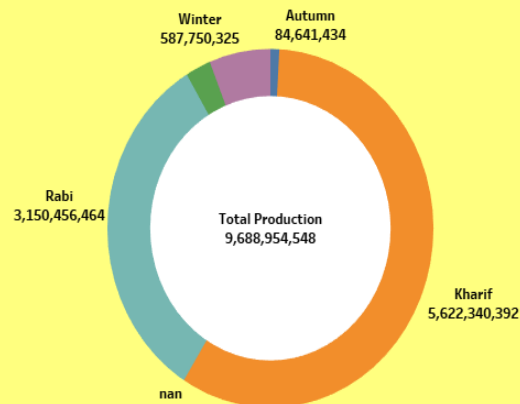
< This map showing the Statewise agricultural land This horizontal bars shows Area vs Production This line shows the season based cultivation Bars shows Major crops in percentage >



3.5 Story 2

Insights into India's agricultural cultivation -Story 2

< This circle shows Crop plantation by area Shows the yield of the season year wise This word shows crops plantation by count This pie chart shows season wise production >



4.ADVANTAGES & DISADVANTAGES

Advantages

Improved Crop Quality – The use of advanced techniques such as precision farming and genetic engineering has led to the development of higher quality crops that are more resistant to pests and disease.

Disadvantages

Crop production is affected due to climate change, poor quality fertilizer and use of pesticides also affects the crop.

5.APPLICATIONS

By analyzing this, we can know which crops are high yielding. Helps in sustainable development and future planning problems. Areas where major crops such as rice, wheat, and sugarcane are grown can be identified.

6.CONCLUSION

In conclusion, Agriculture plays a significant role in the Indian economy as the main source of food. By knowing the growth of major crops, production may be increased. It can have a positive impact on the

economy by creating jobs and generating income for farmers, agribusinesses and related industries.

7.FUTURE SCOPE

Agriculture has a huge potential as food and food products are essential for the survival of mankind, so food production must be increased in the future.