

# Project Report Template

## 1 INTRODUCTION

### 1.1 Overview

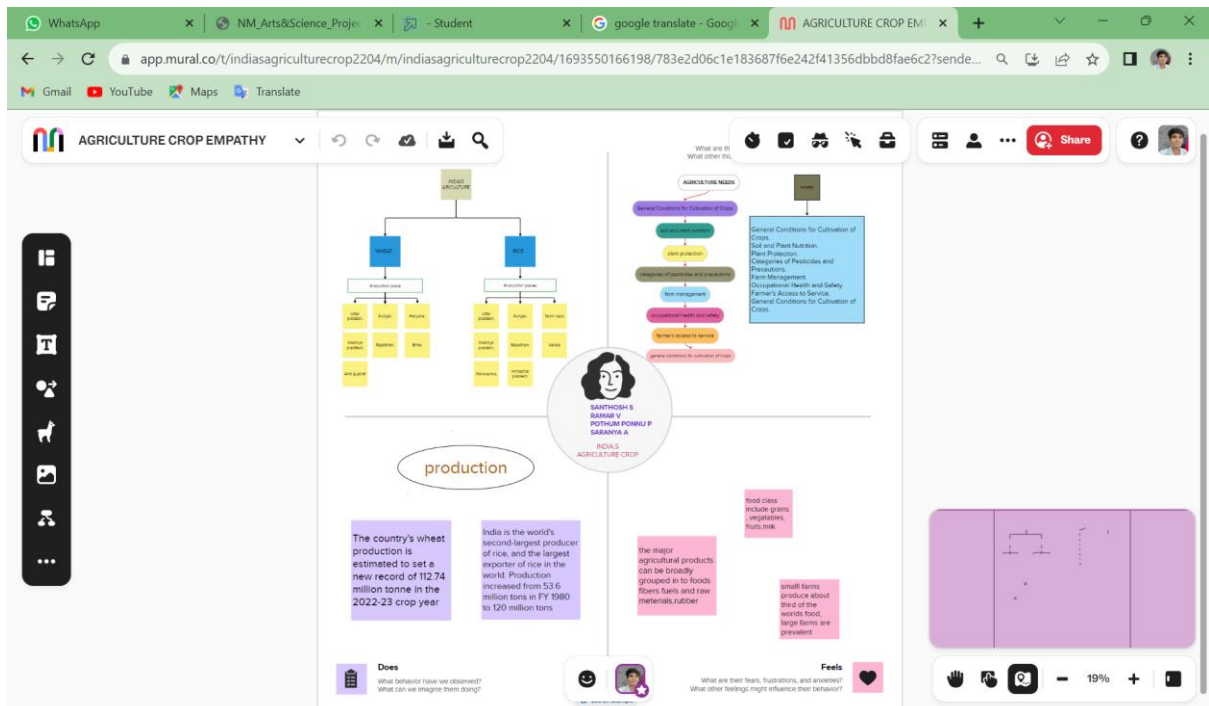
This report delves into the captivating realm of India's agricultural cultivation, providing a comprehensive visual exploration of key aspects and trends in the agricultural sector.

### 1.2 Purpose

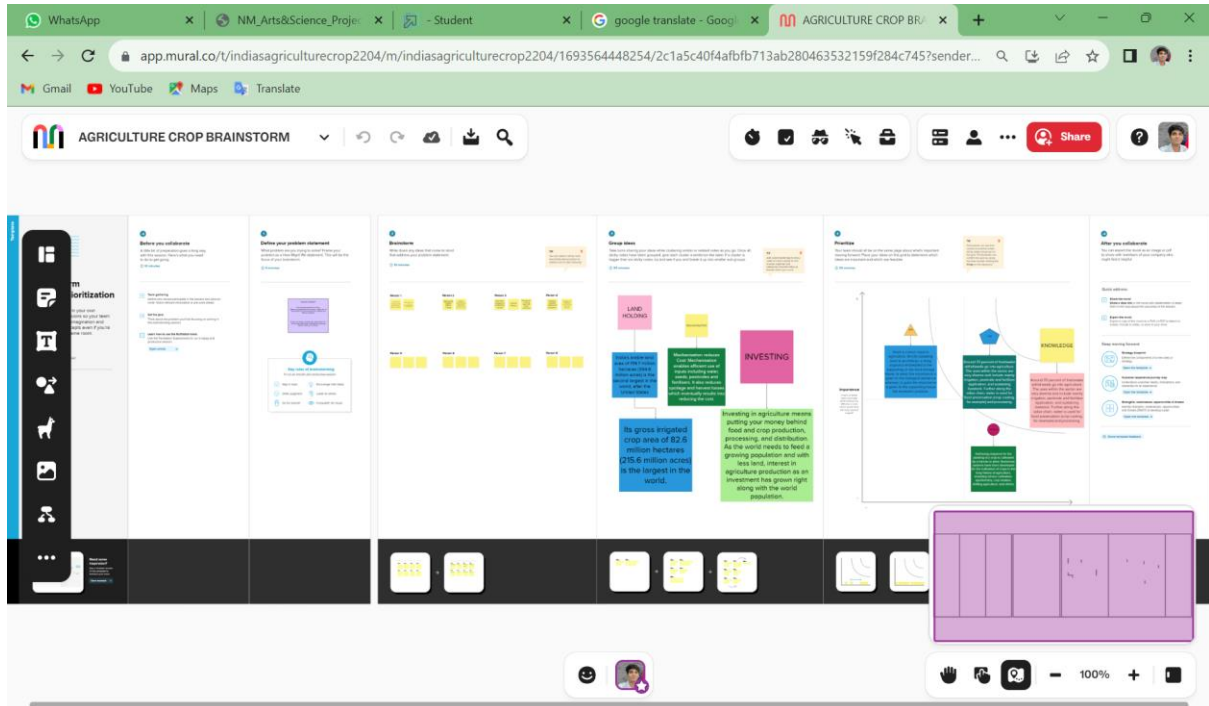
By harnessing the power of Tableau, this report not only presents the data in a visually appealing manner but also provides an interactive experience for readers to explore the intricacies of India's agricultural cultivation. To Extract the Insights from the data and put the data in the form of visualizations, Dashboards and Story we employed Tableau tool.

## 2 Problem Definition & Design Thinking

### 2.1 Empathy Map



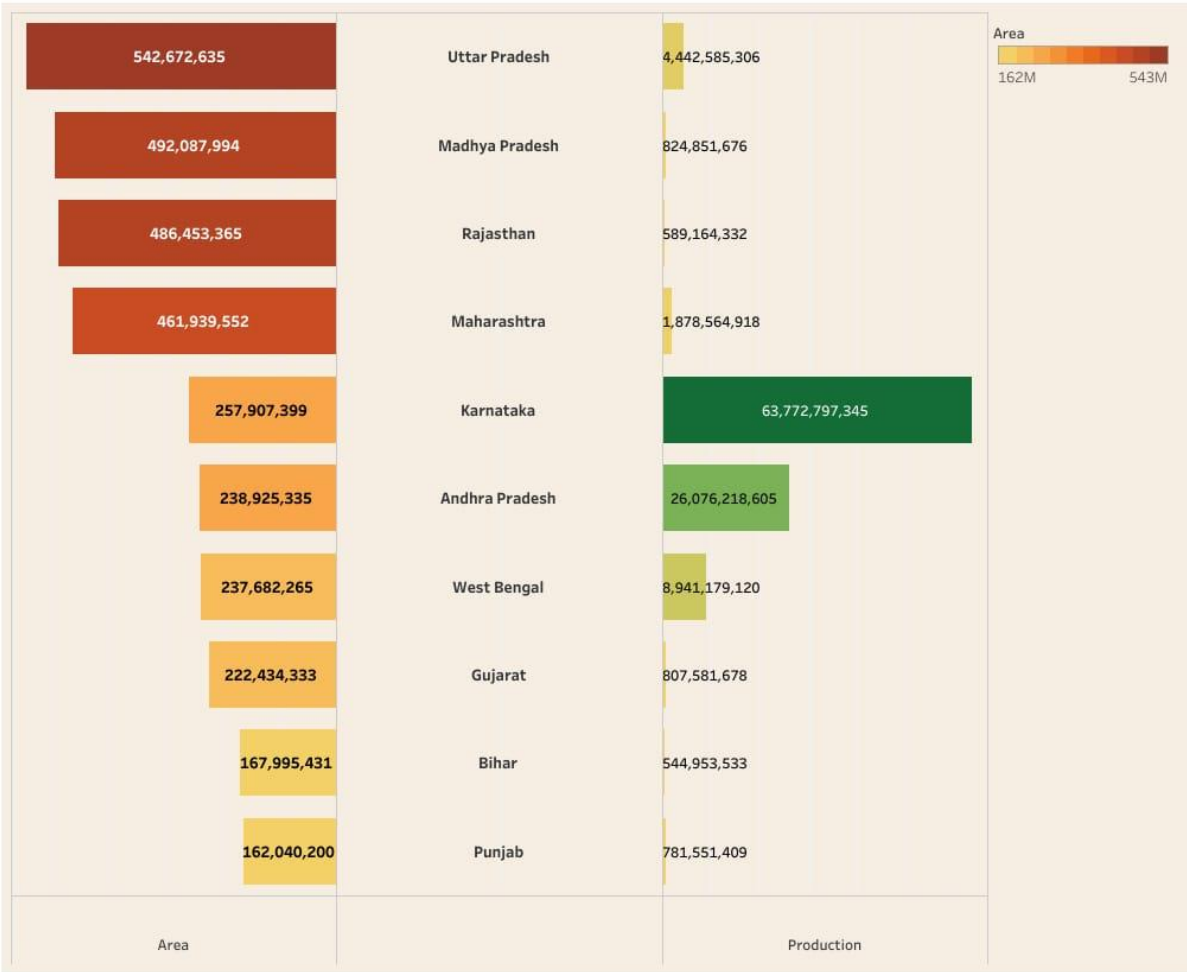
## 2.2 Ideation & Brainstorming Map



## 3 RESULT

Insights into India’s agricultural cultivation

Indian States:Visualizing Ar..	Area Production Top 10	Cultivation of crops In India	crop plantation by area	season wise production
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## Insights into India's agricultural cultivation

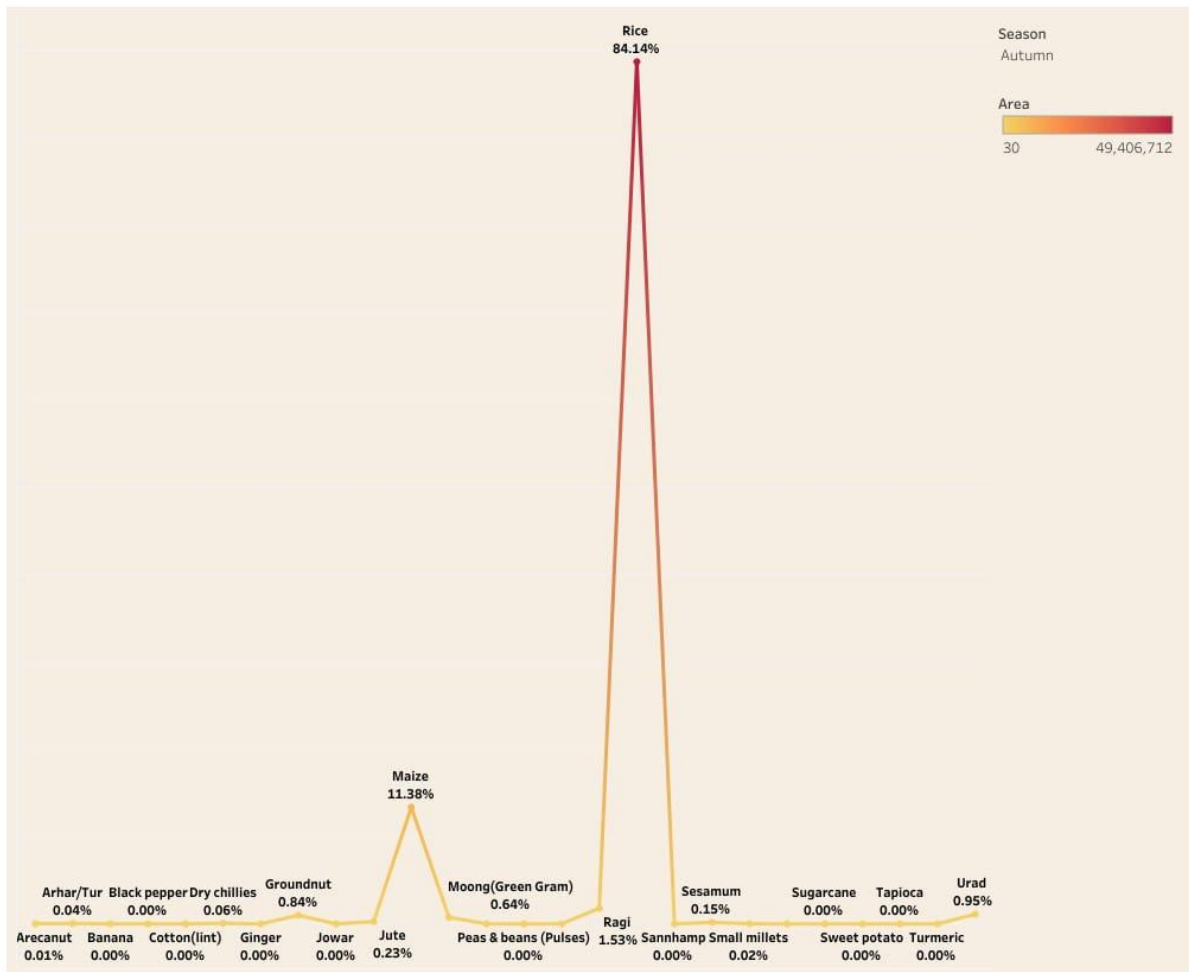
Indian  
States: Visualizing Ar...

Area Production Top  
10

Cultivation of crops In  
India

crop plantation by  
area

season wise  
production



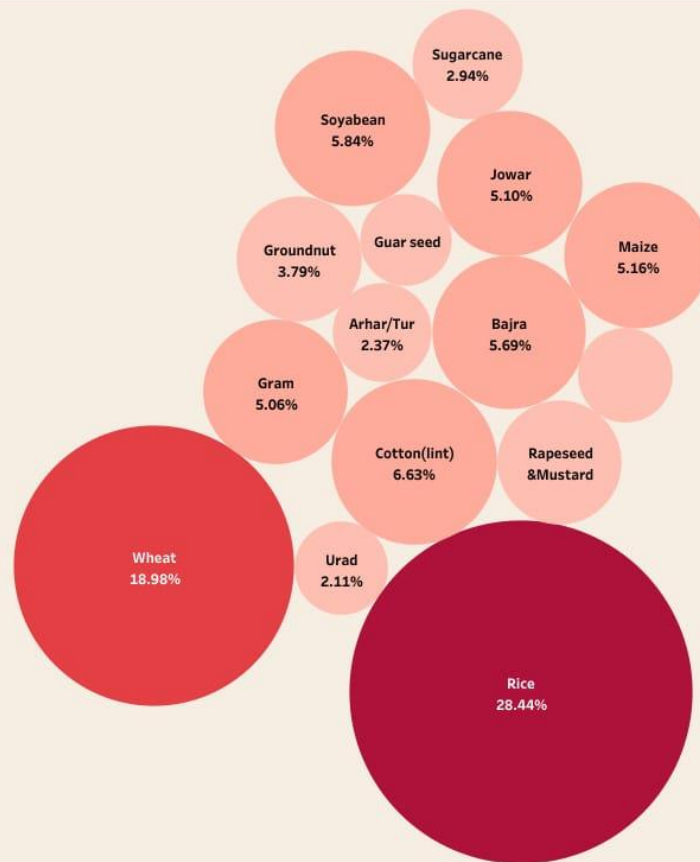
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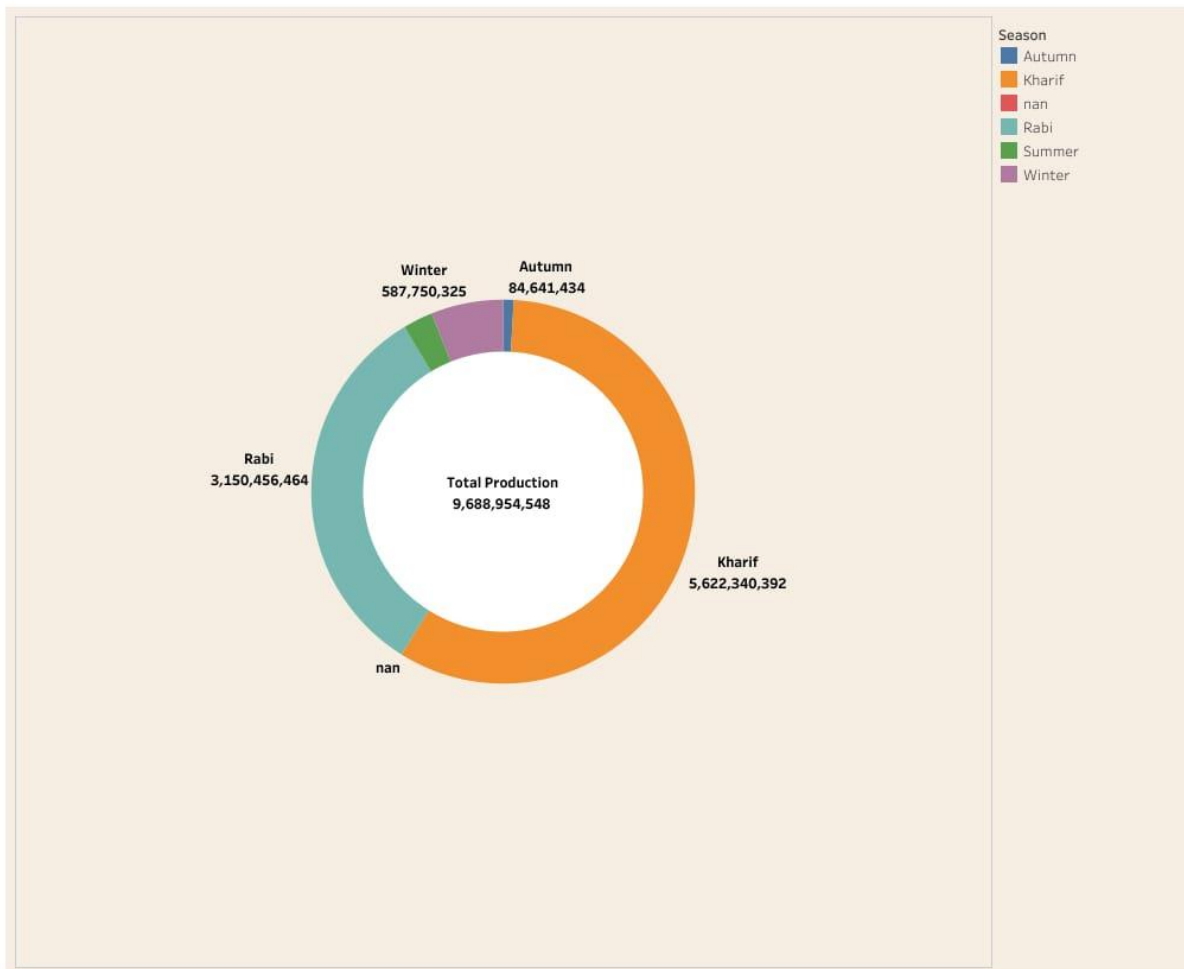
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## 4 ADVANTAGES & DISADVANTAGES

Advantages:

- Natural Environment
- No Chemicals
- Eye On You
- Environmentally Friendly
- Healthier And Tastier

Disadvantages:

- Expensive Product
- More Labor
- High MRP
- Cross Breeding Problem
- Labor Charges

## **5 APPLICATIONS**

The responsiveness and design of a dashboard for this project is crucial to ensure that the information is easily understandable and actionable. Key considerations for designing a responsive and effective dashboard include user-centered design, clear and concise information, interactivity, a data-driven approach, accessibility, customization, and security. The goal is to create a dashboard that is user-friendly, interactive, and data-driven, providing actionable insights. Once you have created views on different sheets in Tableau, you can pull them into a dashboard.

## **6 CONCLUSION**

The agricultural sector is of vital importance for the region. It is undergoing a process of transition to a market economy, with substantial changes in the social, legal, structural, productive and supply set-ups, as is the case with all other sectors of the economy.

## **7 FUTURE SCOPE**

There will be more of vertical and urban farming and there will also be efforts in long term to find new areas for production like barren deserts and seawater. Hydroponic farming, which is a soil-less, water-based farming operation, that may even be done in a tiny space is going to pick up the pace.