

# PROJECT REPORT TEMPLATE

## 1. INTRODUCTION

### 1.1 OVERVIEW

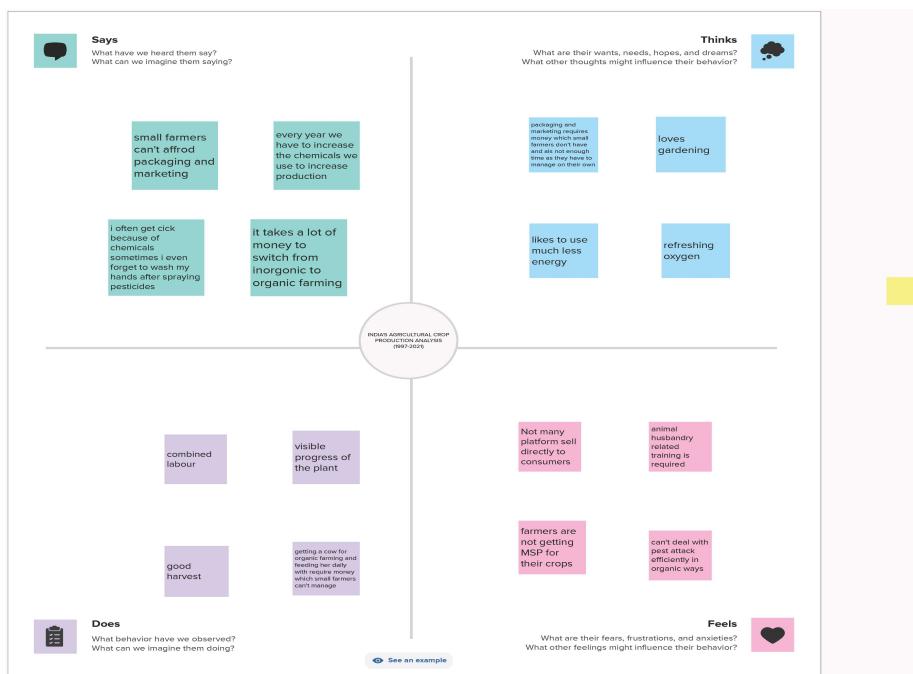
Agricultural crop production analysis during 1997-2021 involving utilizing various technologies, including GIS and remote sensing, to assess land use, crop yields, and environmental impact.

### 1.2 PURPOSE

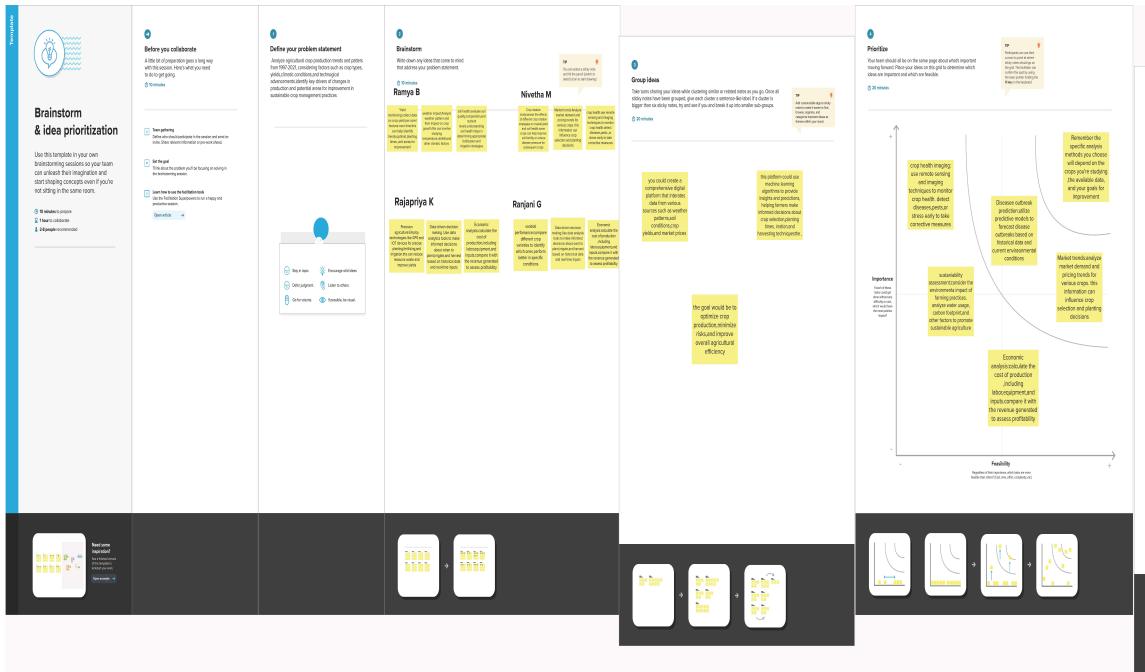
Analysing agricultural crop production helps optimize resource allocation and enhance crop yields for sustainable food security and economic growth.

## 2. PROBLEM DEFINITION & DESIGN THINKING

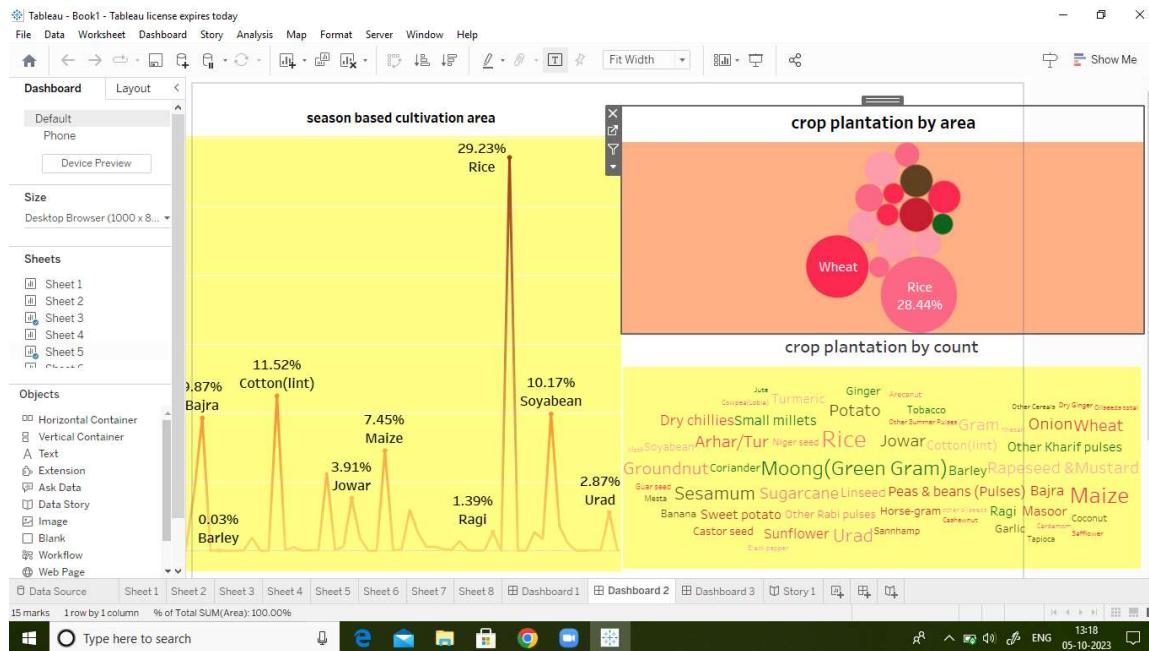
### 2.1 EMPATHY MAP

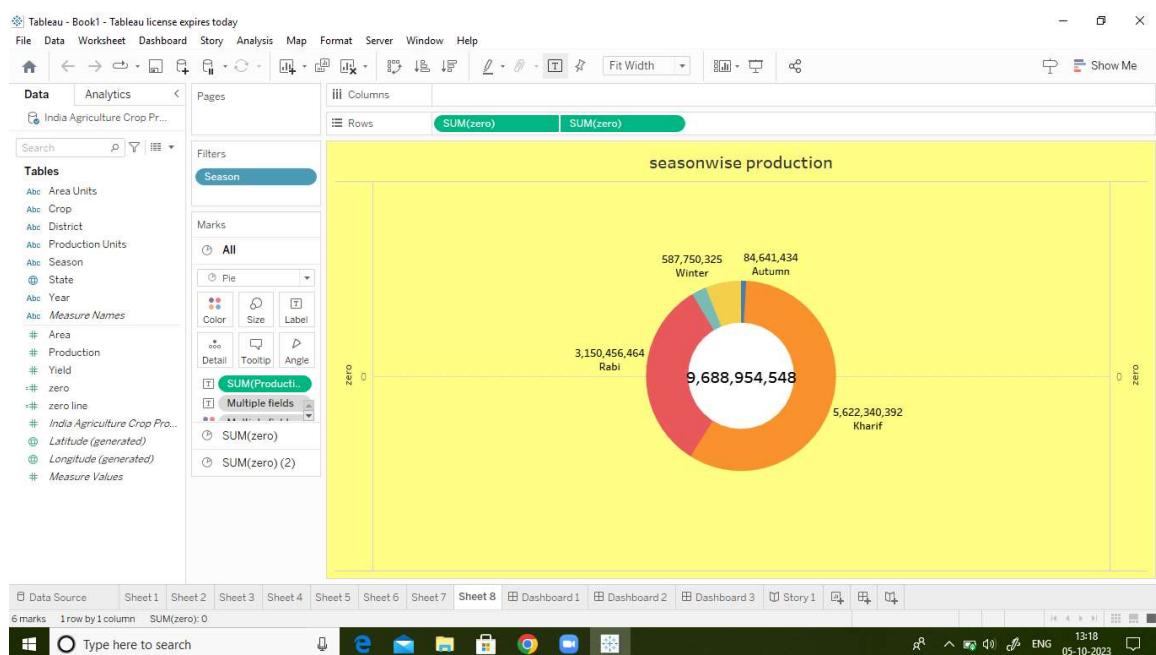
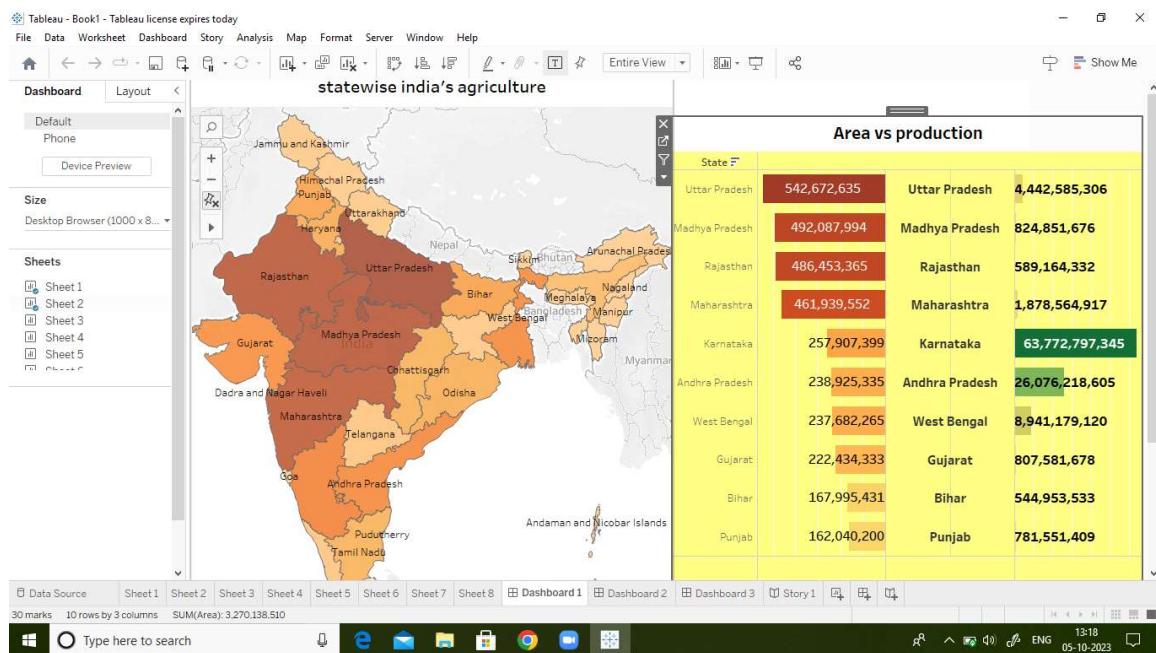


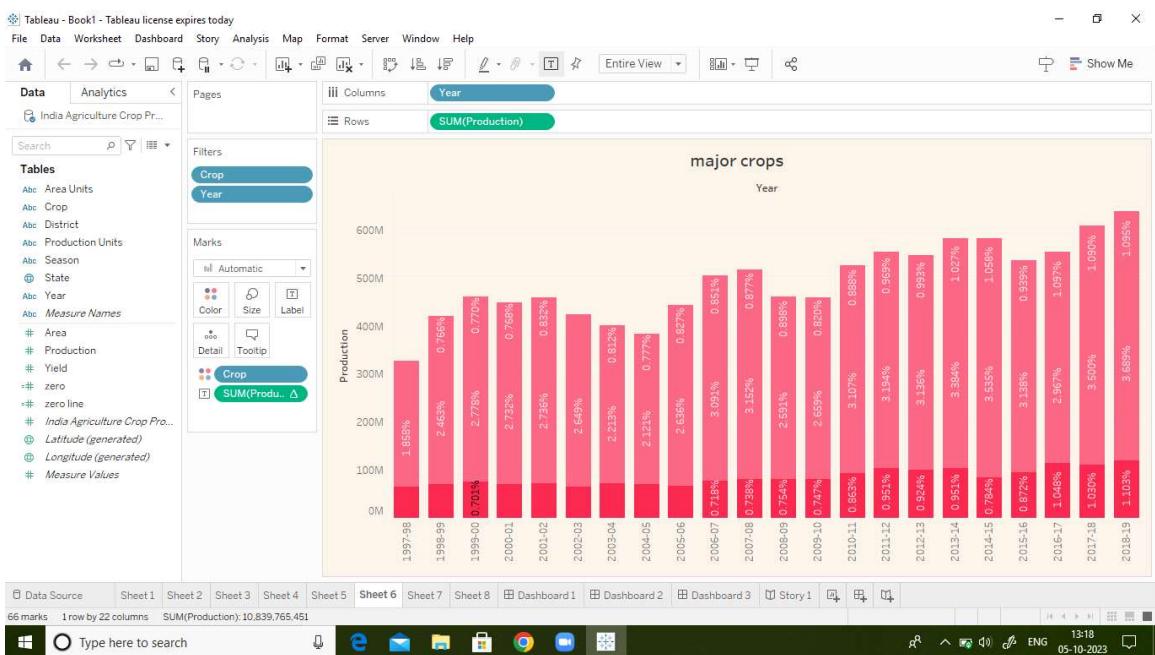
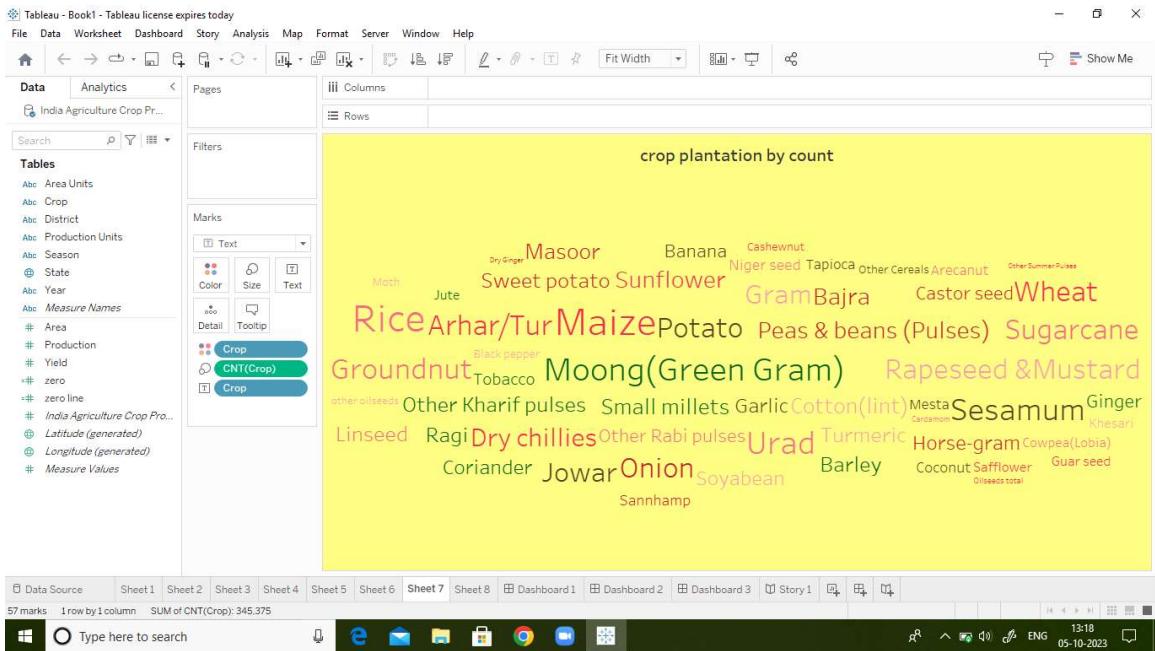
### 2.2 IDEATION & BRAINSTORMING MAP

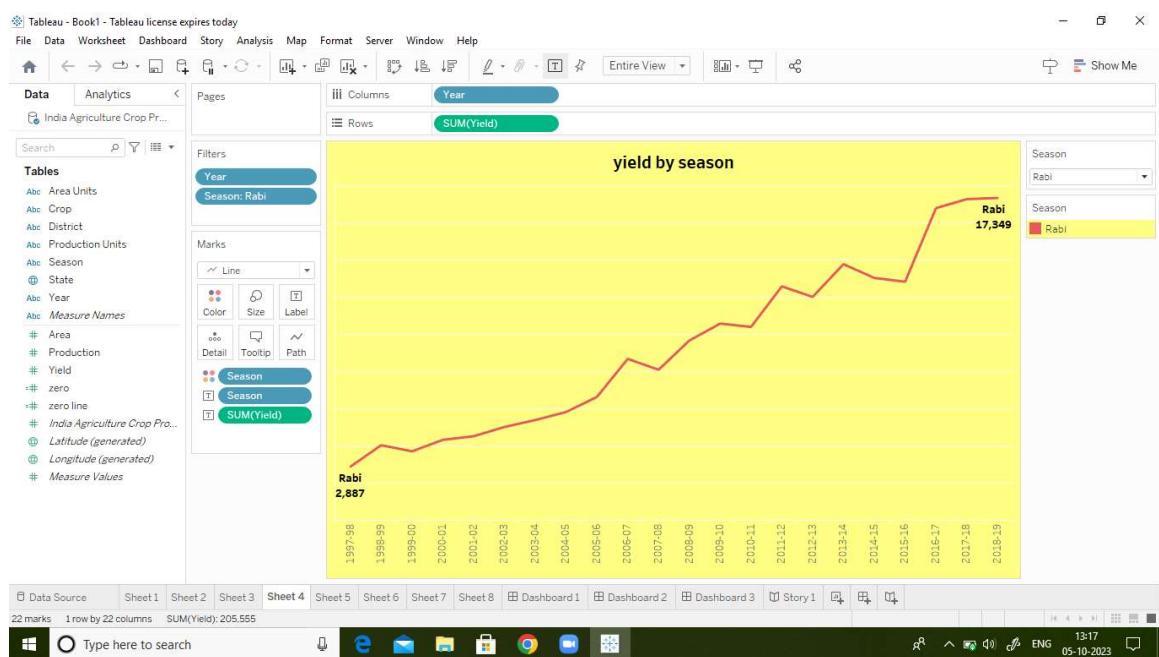
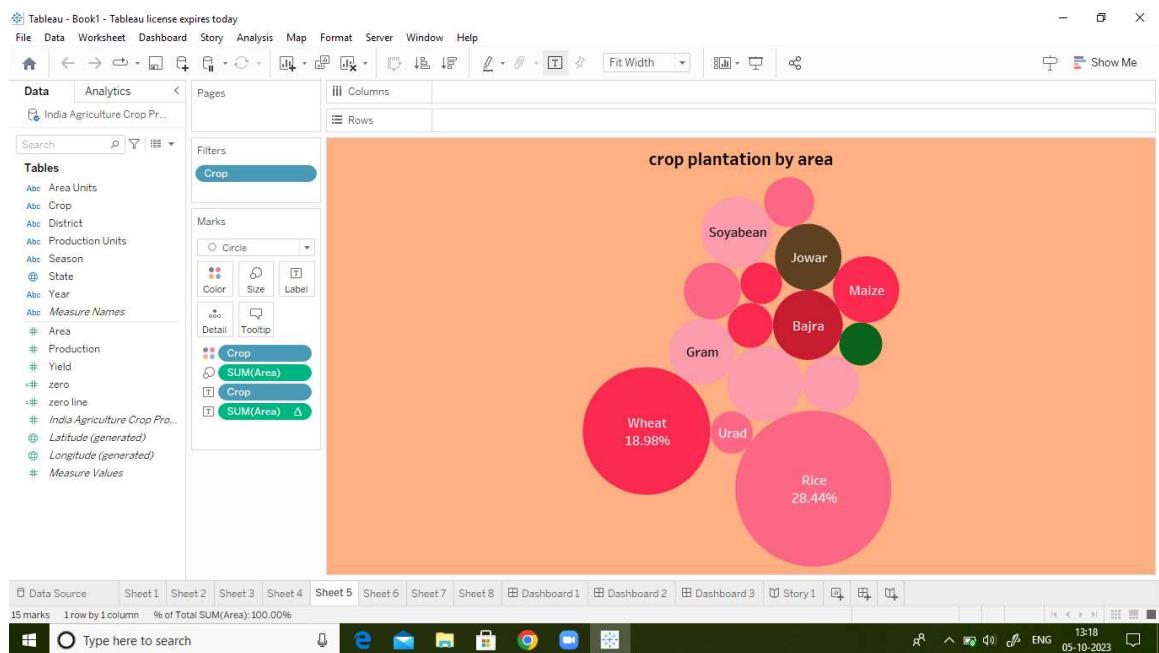


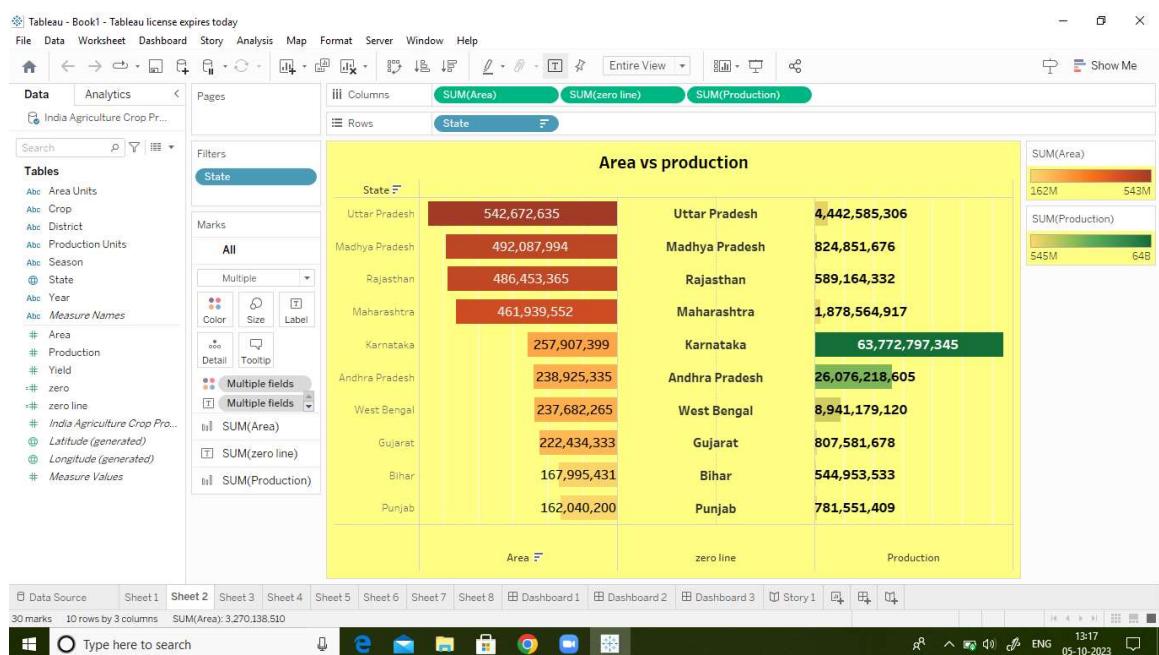
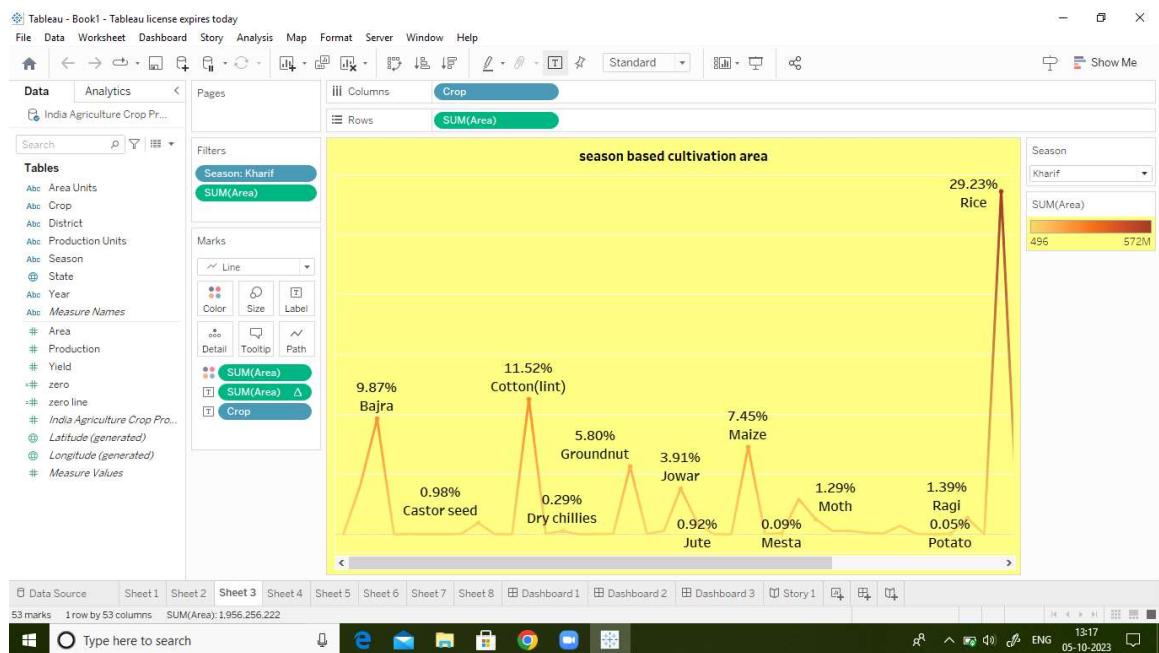
### 3.RESULT

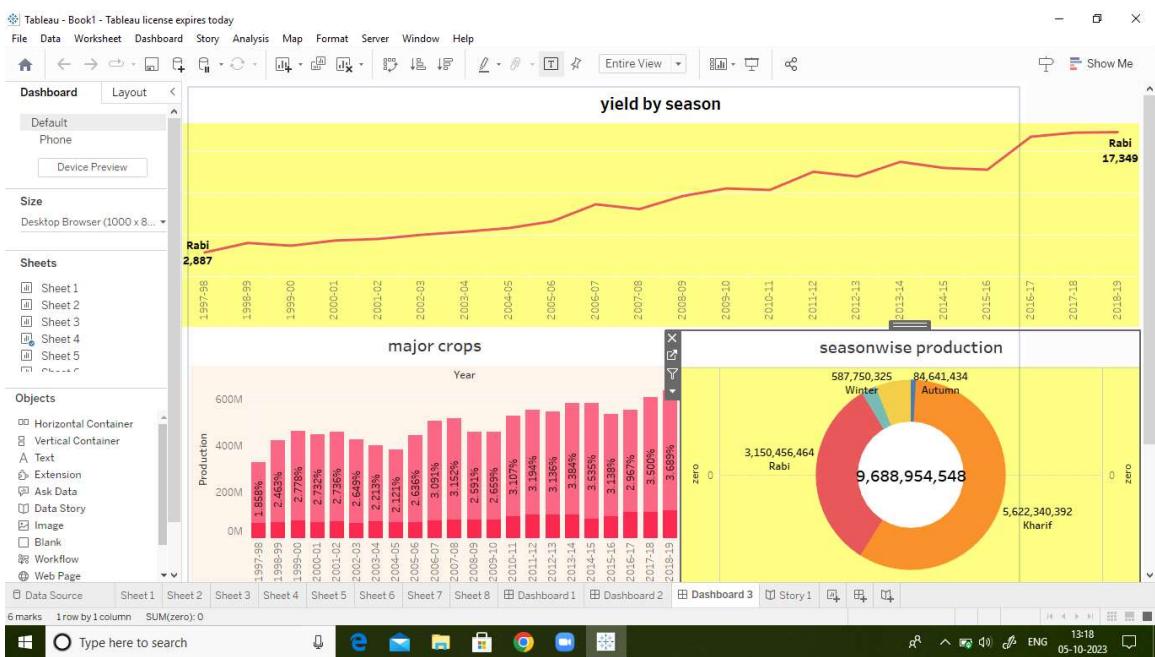
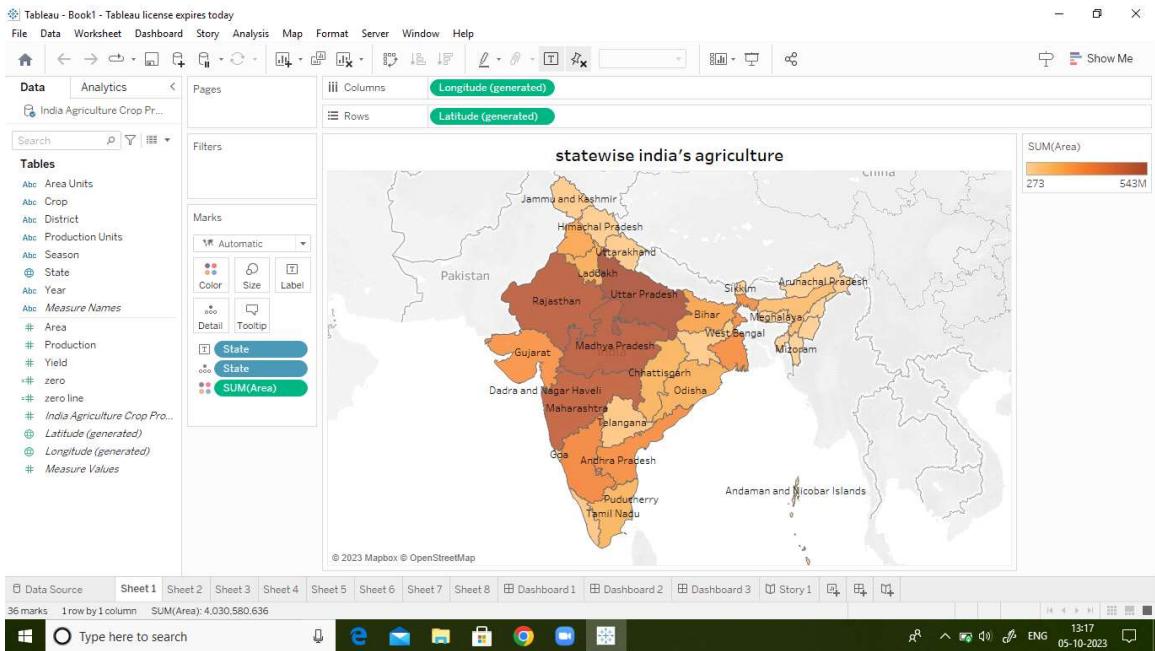


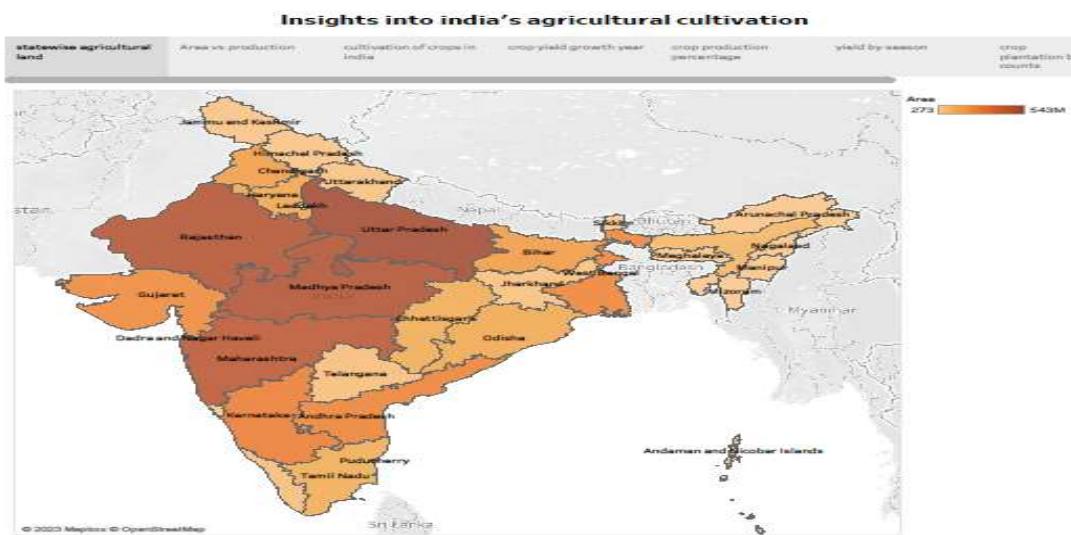












#### **4. ADVANTAGES & DISADVANTAGES**

## **ADVANTAGES:**

Analysing agricultural crop production from 1997-2021 allows for data-driven insights to improve farming practices, mitigate risks, and ensure efficient resource management.

## **DISADVANTAGE:**

potential disadvantages of analysing agricultural crop production from 1997-2021 include outdated data and limited insights into emerging modern technologies and changing strategies, and changing climate patterns.

## **5. APPILICATIONS**

Agricultural crop production analysis includes forming policy decisions, optimizing planting strategies, and enhancing overall farm productivity.

## **6. CONCLUSION**

In conclusion, agricultural crop production analysis is a critical tool for informed decision-making, sustainable farming practices, and global food security.

## **7. FUTURE SCOPE**

The future of agricultural crop production analysis lies in leveraging AI, precision farming, and big data for sustainable, data-driven agricultural systems.

## **8. APPENDIX**

### **A. SOURCE CODE**

<https://public.tableau.com/app/profile/ramya.b1893/vizzes>