

PROJECT REPORT TEMPLATE

1. INTRODUCTION

1.1 OVERVIEW

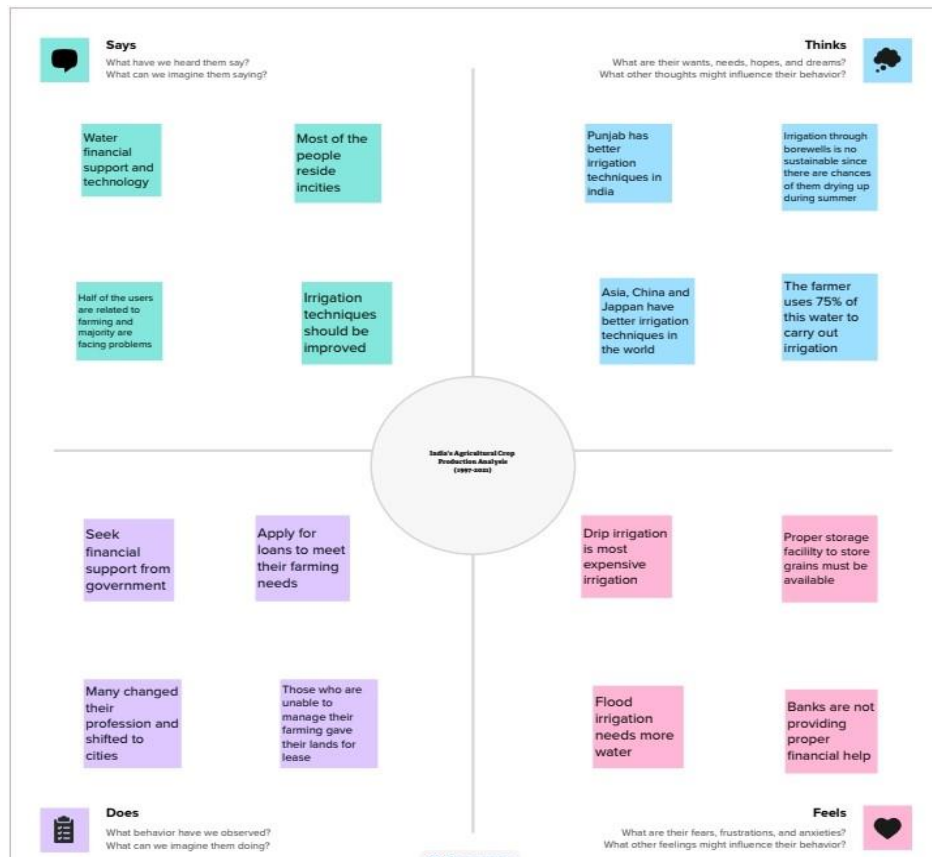
Agricultural crop production analysis during 1997-2021 involving utilizing various technologies, including GIS and remote sensing, to assess land use, crop yields, and environmental impact.

1.1 PURPOSE

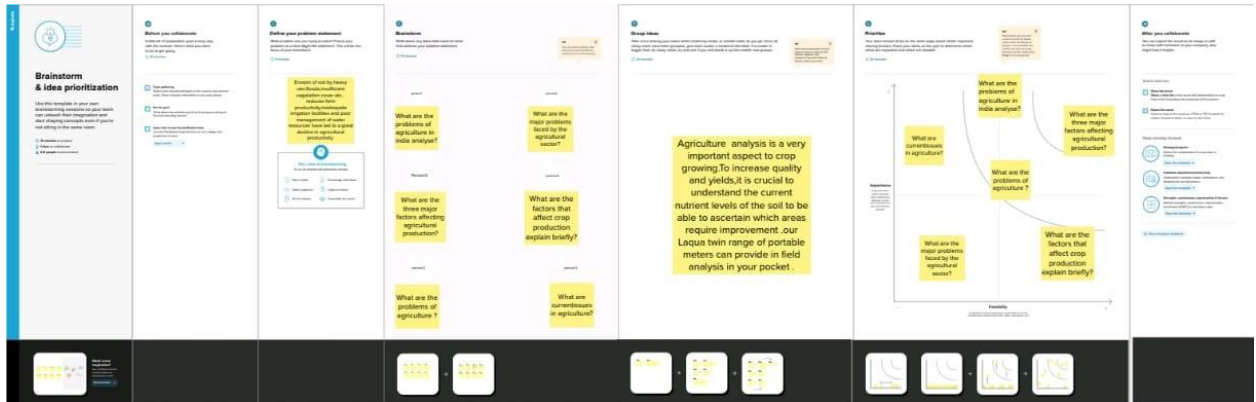
Analysing agricultural crop production helps optimize resource allocation and enhance crop yields for sustainable food security and economic growth.

2. PROBLEM DEFINITION & DESIGN THINKING

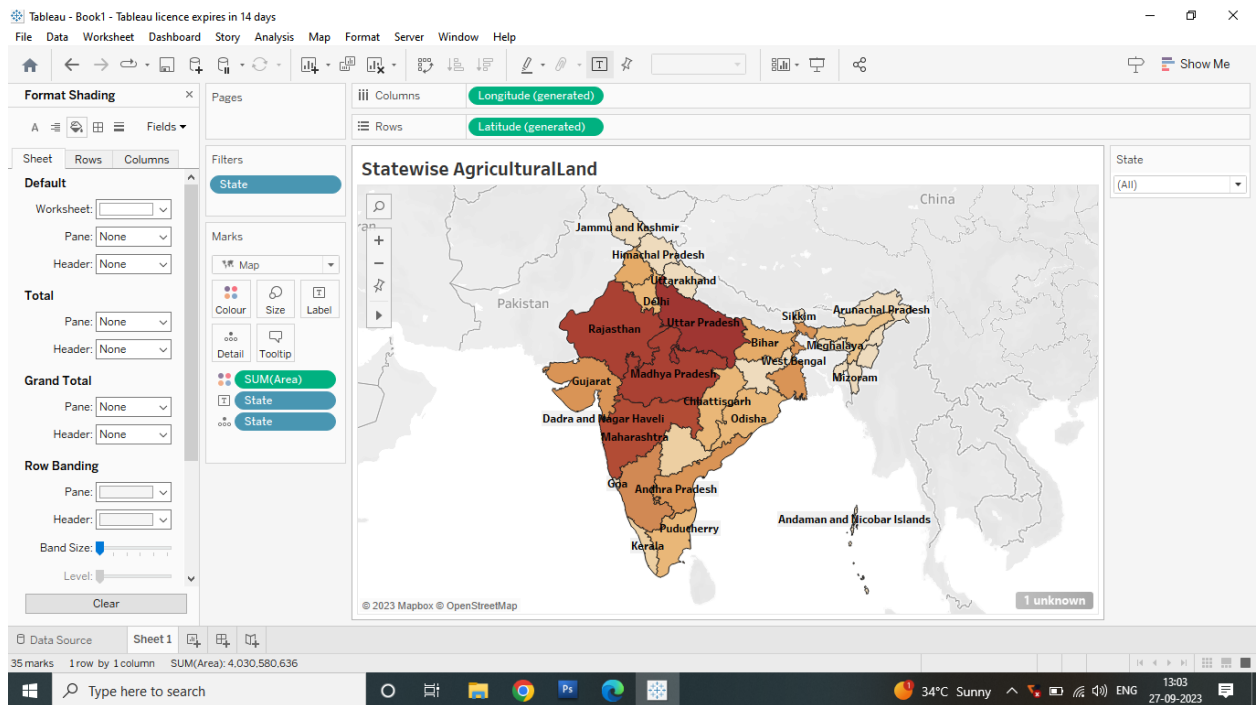
2.1 EMPATHY MAP

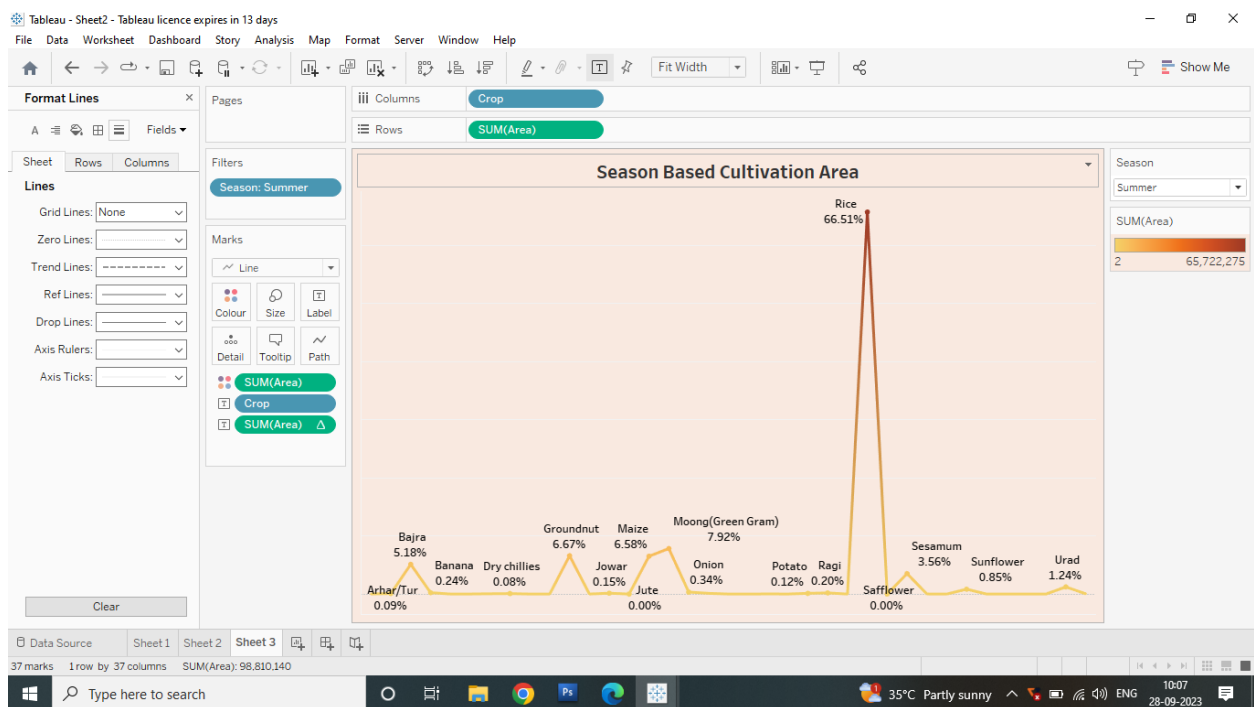
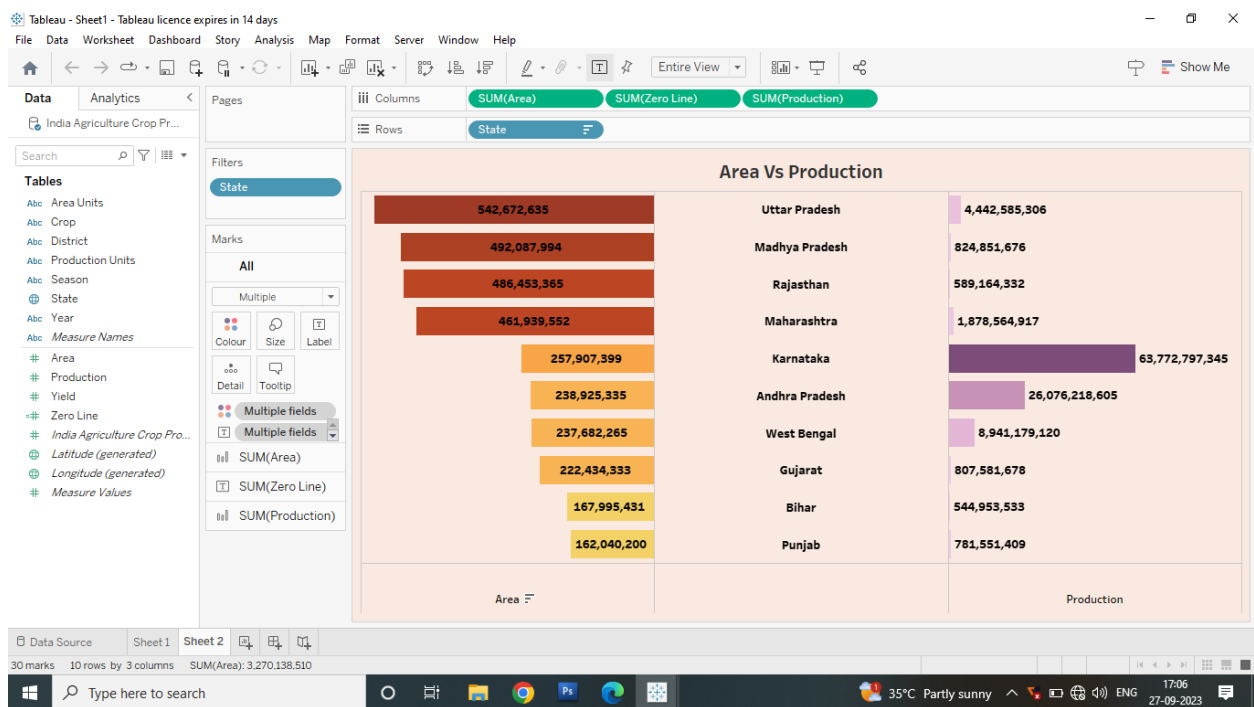


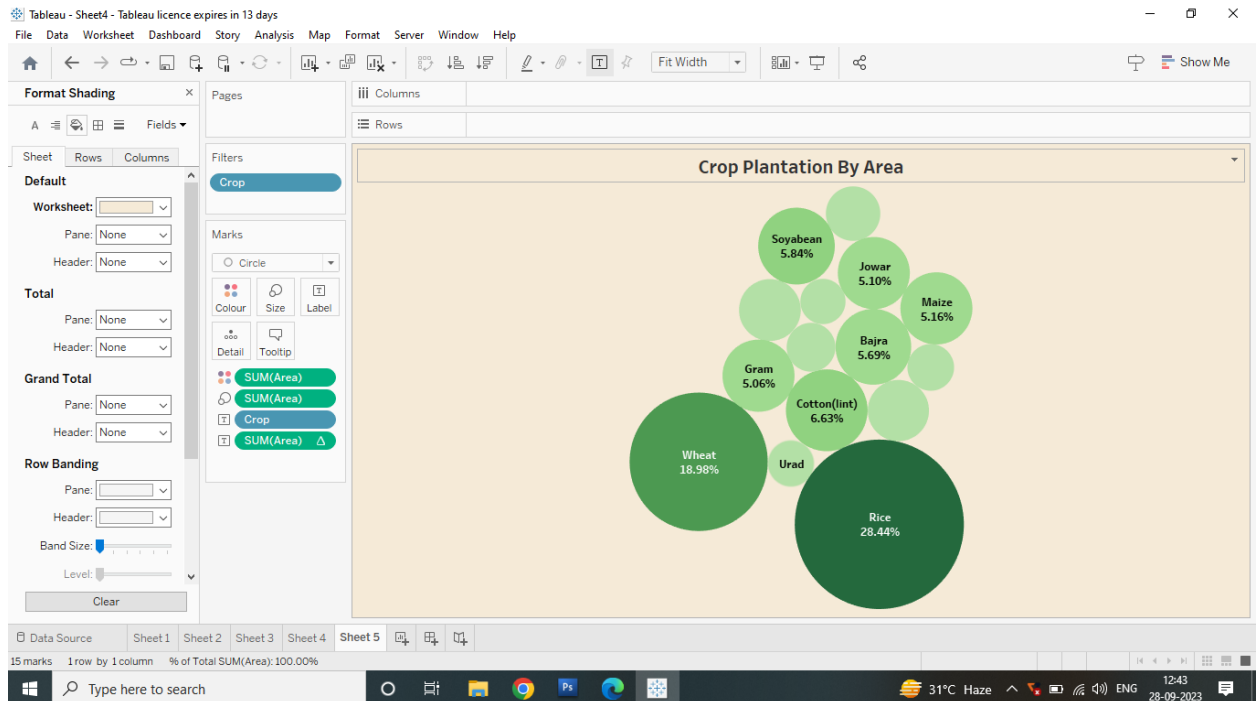
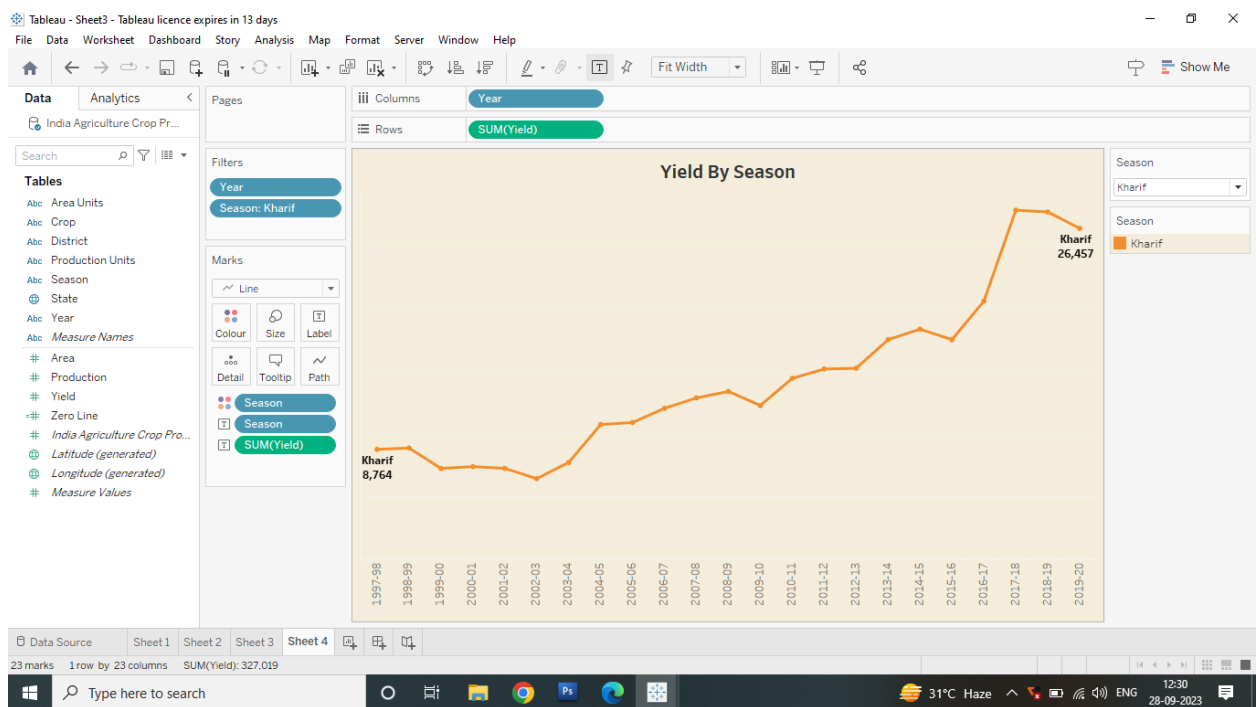
2.2 IDEATION & BRAINSTORMING MAP

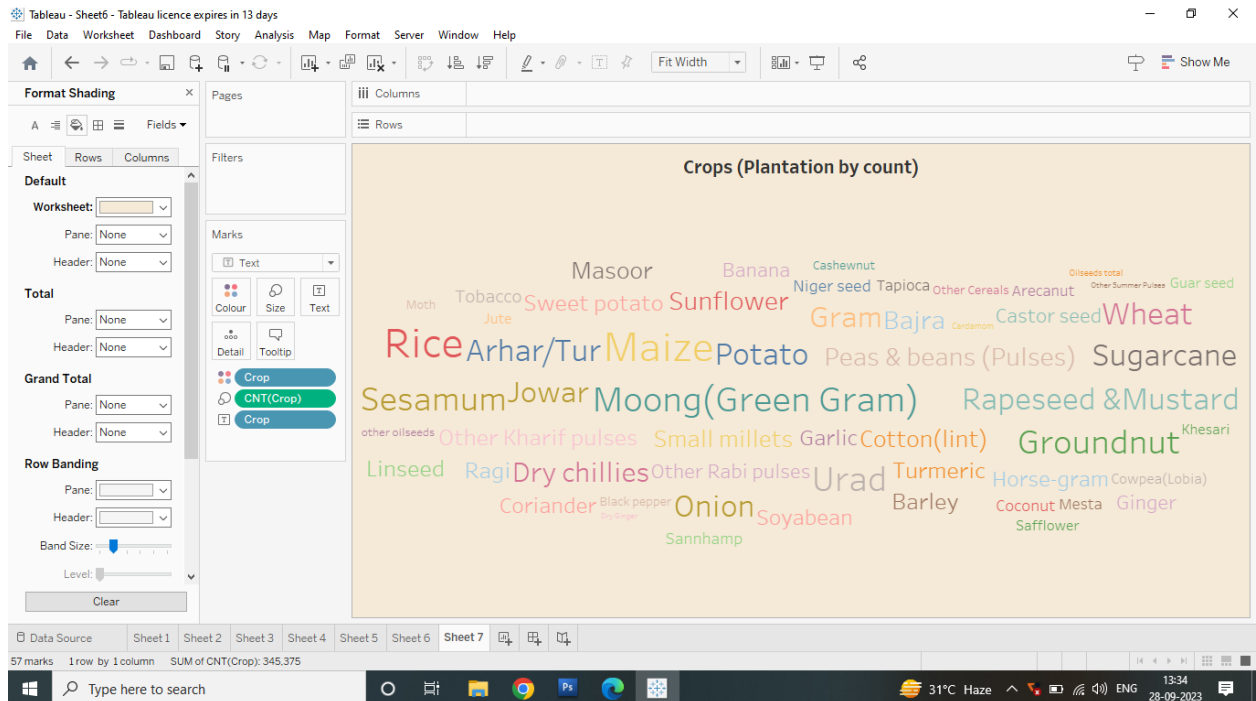
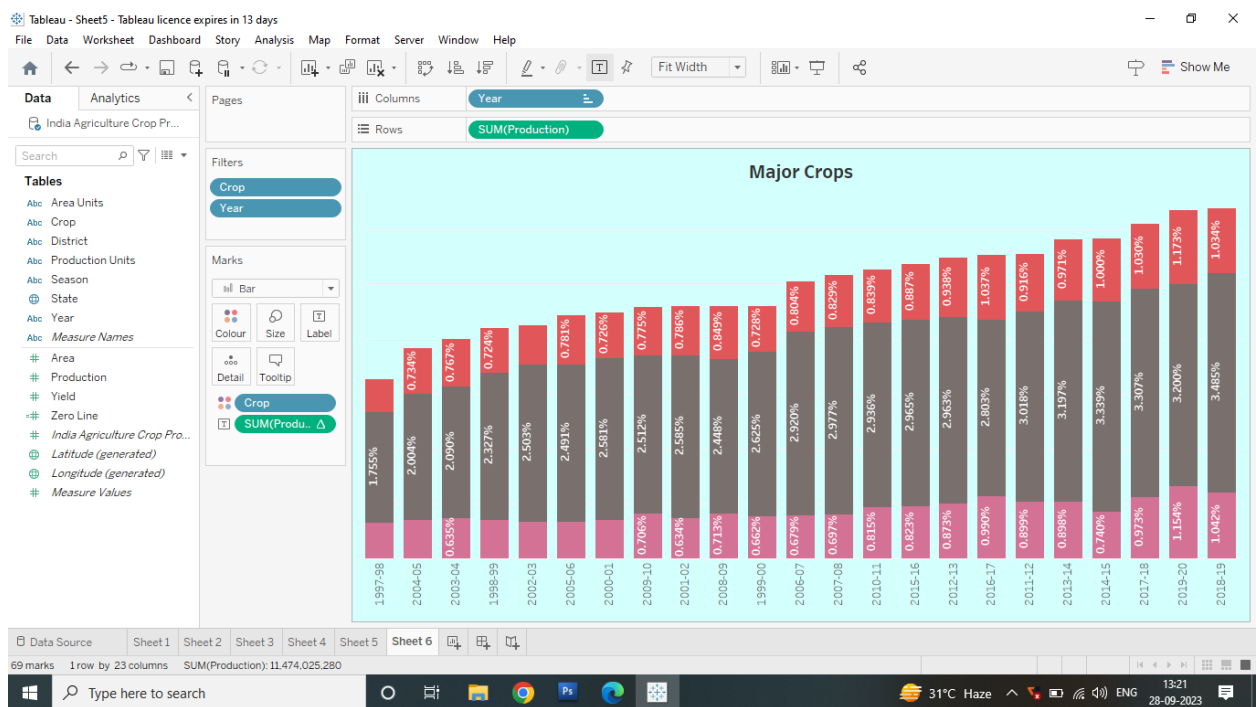


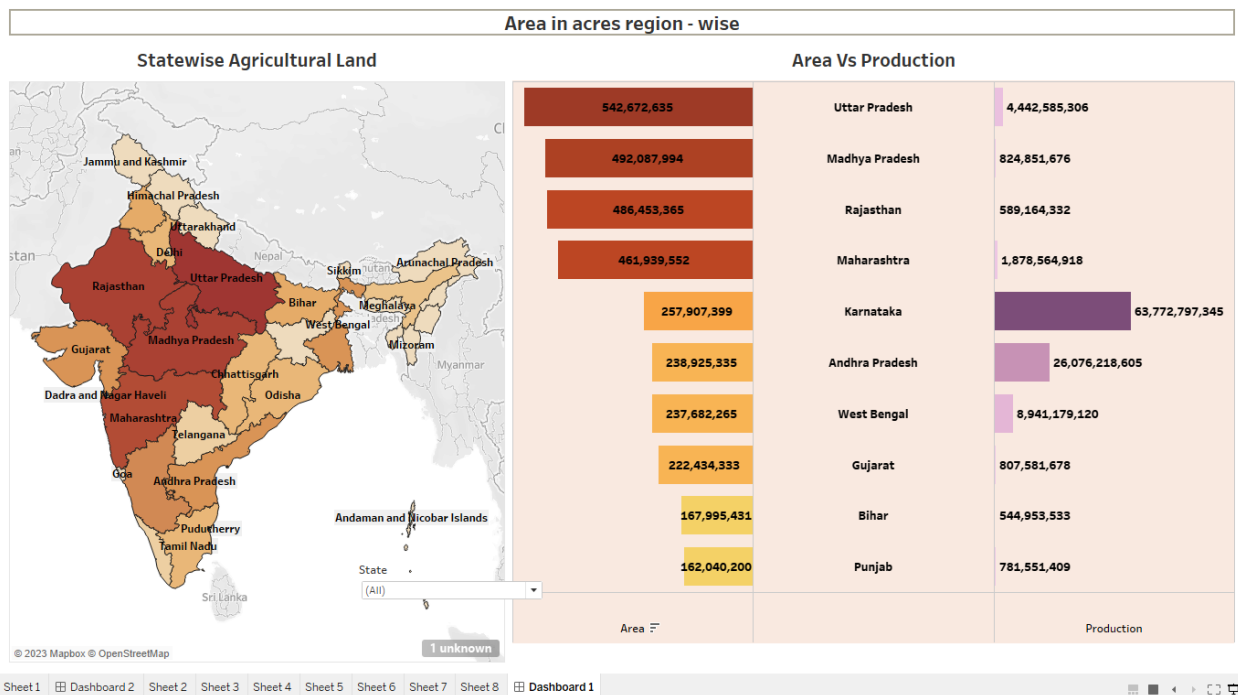
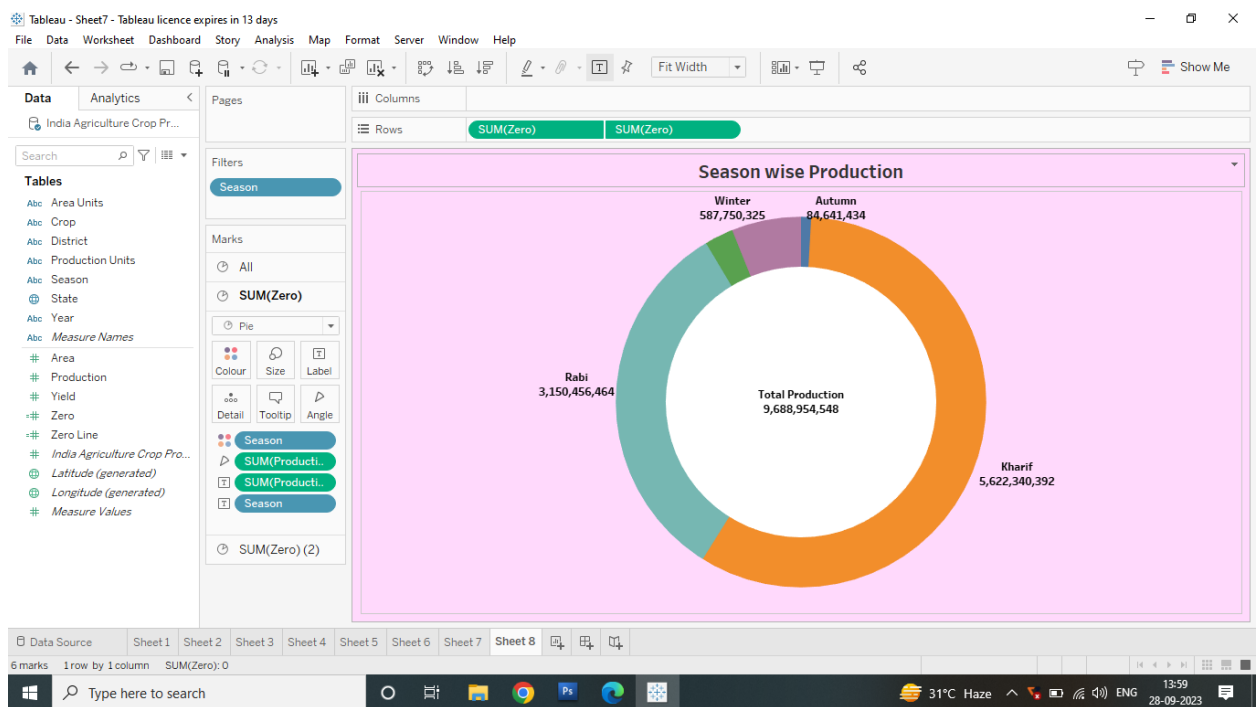
3. RESULT





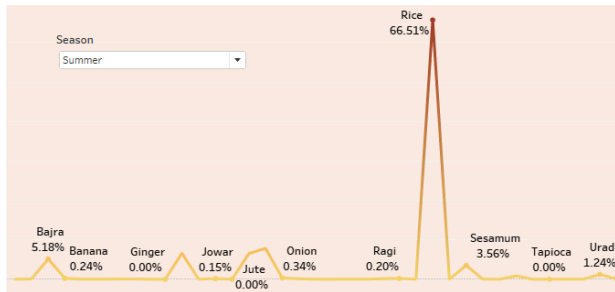




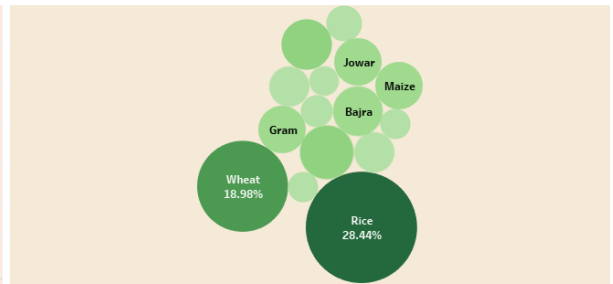


Production in tonnes region - wise

Season Based Cultivation Area



Crop Plantation By Area



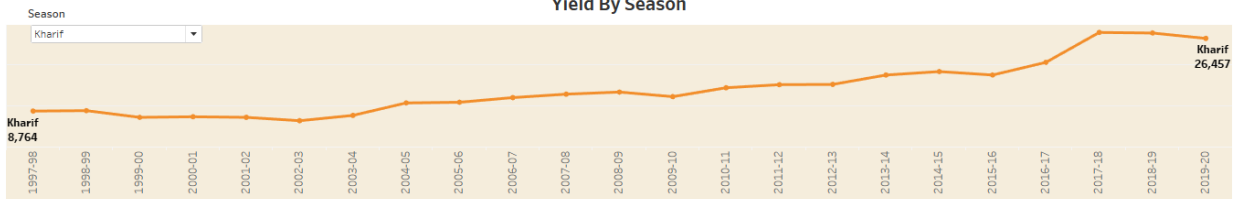
Crops (Plantation by count)



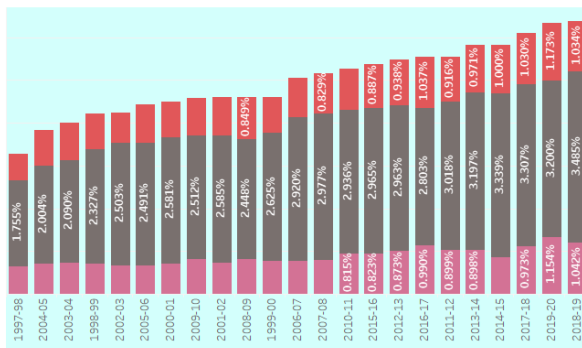
Sheet 1 Sheet 2 Sheet 3 Sheet 4 Sheet 5 Sheet 6 Sheet 7 Sheet 8 Dashboard 1 Dashboard 2

Dashboard 3

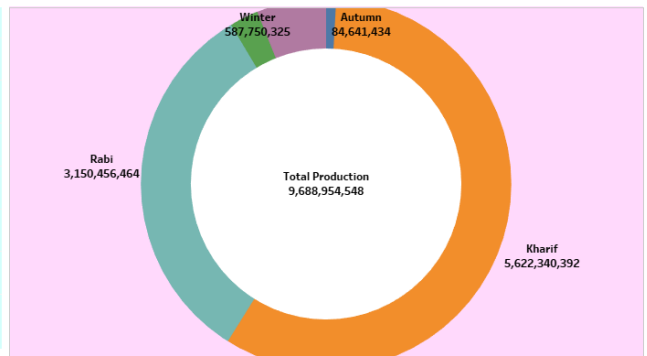
Yield By Season



Major Crops



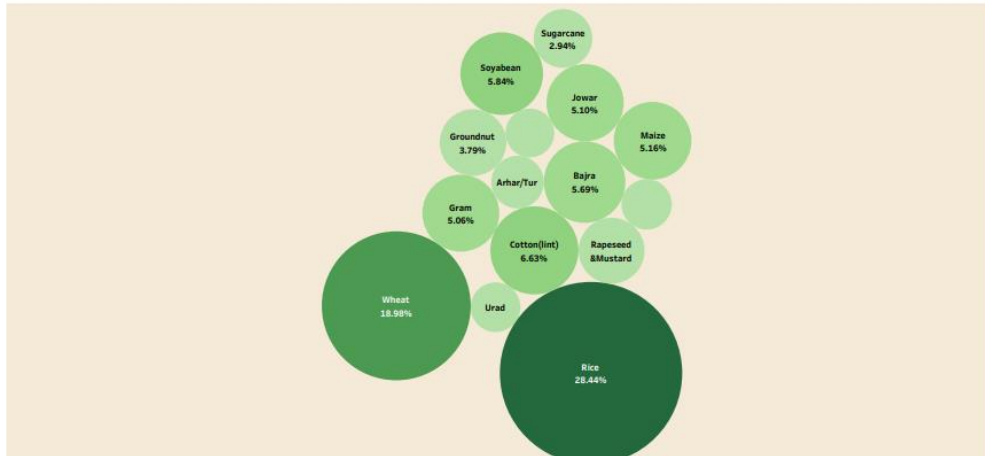
Season wise Production



Sheet 1 Sheet 2 Sheet 3 Sheet 4 Sheet 5 Sheet 6 Sheet 7 Sheet 8 Dashboard 1 Dashboard 2 Dashboard 3

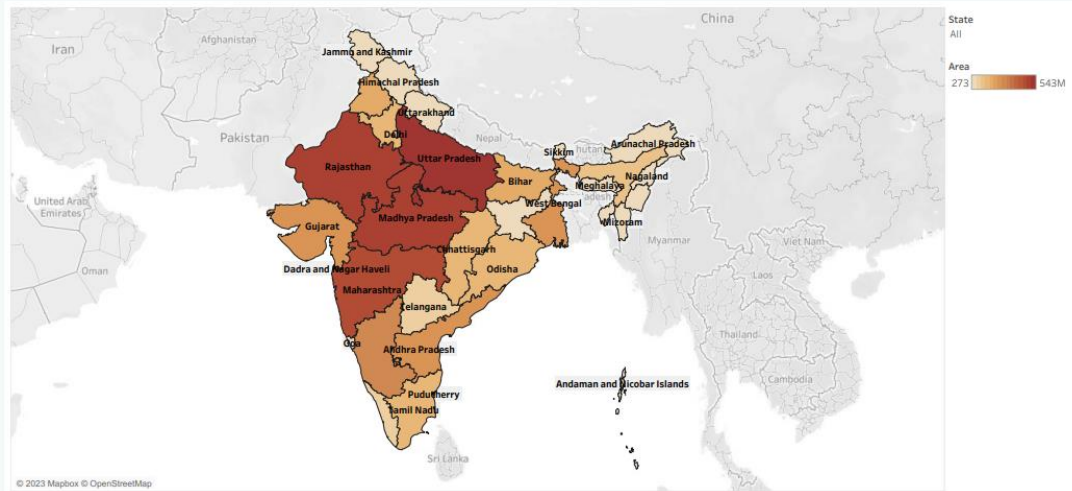
Insights Into India's Agricultural cultivation

Crop Plantation By Area	Yield By Season	Crops (Plantation By Count)	Season wise production
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Insights Into India's Agricultural cultivation

India States Visualizing Area	Area Vs Production	Season Based Cultivation Area	Major Crops
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4.ADVANTAGES & DISADVANTAGES

ADVANTAGES:

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

DISADVANTAGES:

Potential disadvantages of analysing agricultural crop production form 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/gowsalya.k/vizzes>