

1.1 Overview

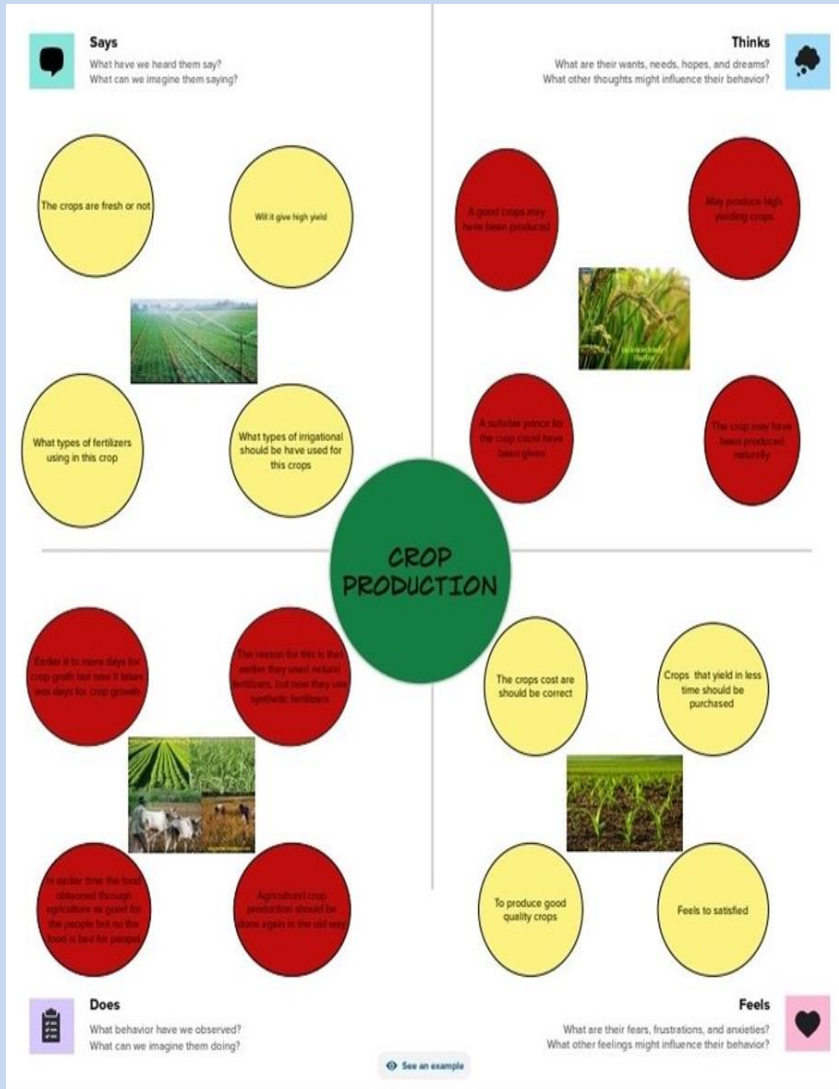
- ❖ This report delves into the captivating realm of India's agricultural cultivation, providing a comprehensive visual exploration of key aspect and trends in the agricultural section.
- ❖ Through the visual representation, readers can gain valuable insights into crop production, seasonal variations, regional distribution, and overall production trends
- ❖ These visualizations enable intuitive analysis, allowing stakeholders to uncover patterns, identify areas of growth or concern, and make data-driven decisions.
- ❖ Develop a through knowledge of the effects of the crop production.

1.2 Purpose

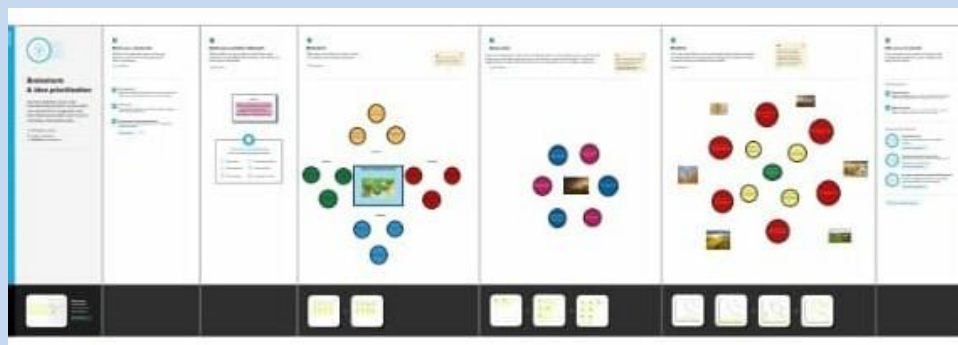
- ❖ This purpose report not only presents the data in a visually appealing manner but also provides an interactive experience for readers to explore the intricacies of India's agricultural cultivation.
- ❖ It includes the preparation of plant and animal products for people to use and their distribution to markets.
- ❖ The main goes of this project is to know about how crop production analysis has business in India.

2 Problem Definition & Design Thinking

2.1 Empathy Map



2.2 Ideation & Brainstorming Map

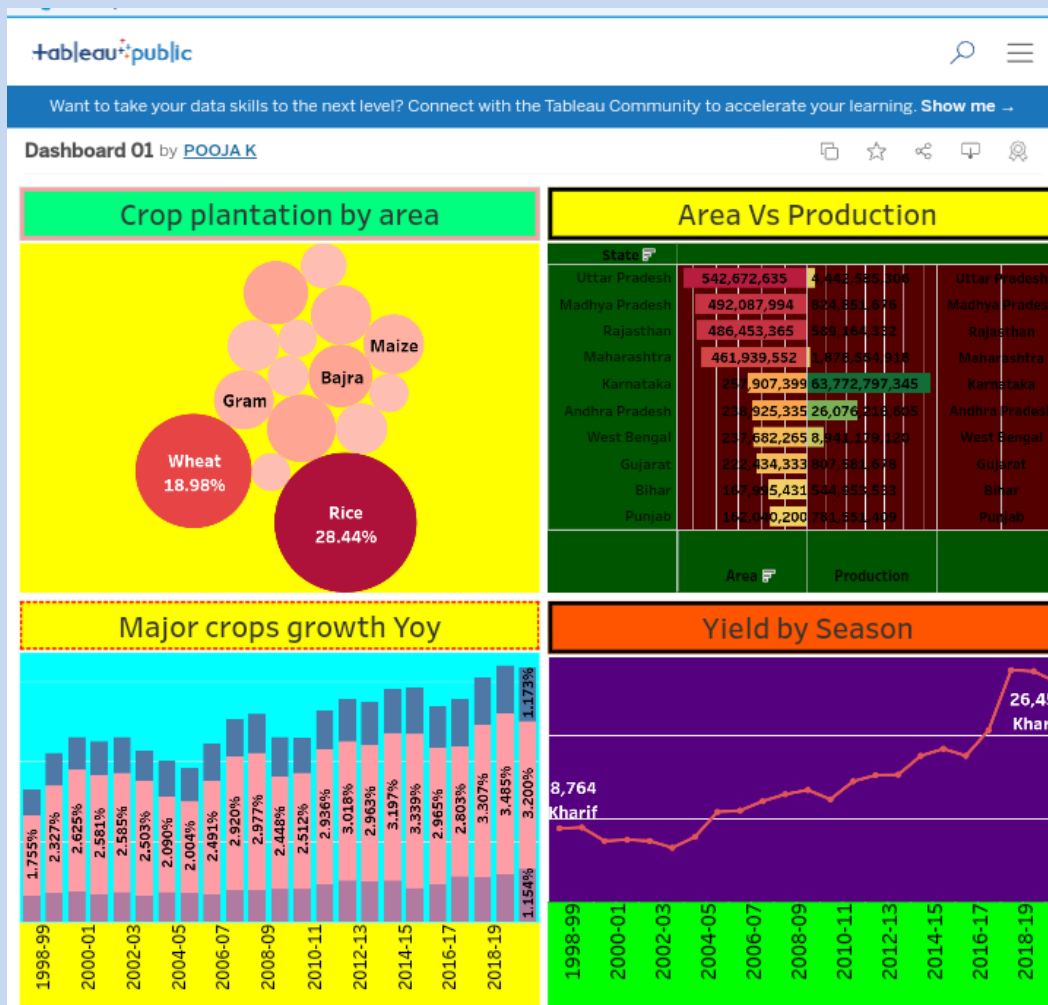


3 RESULT

Project Report Template

DASHBOARD 1

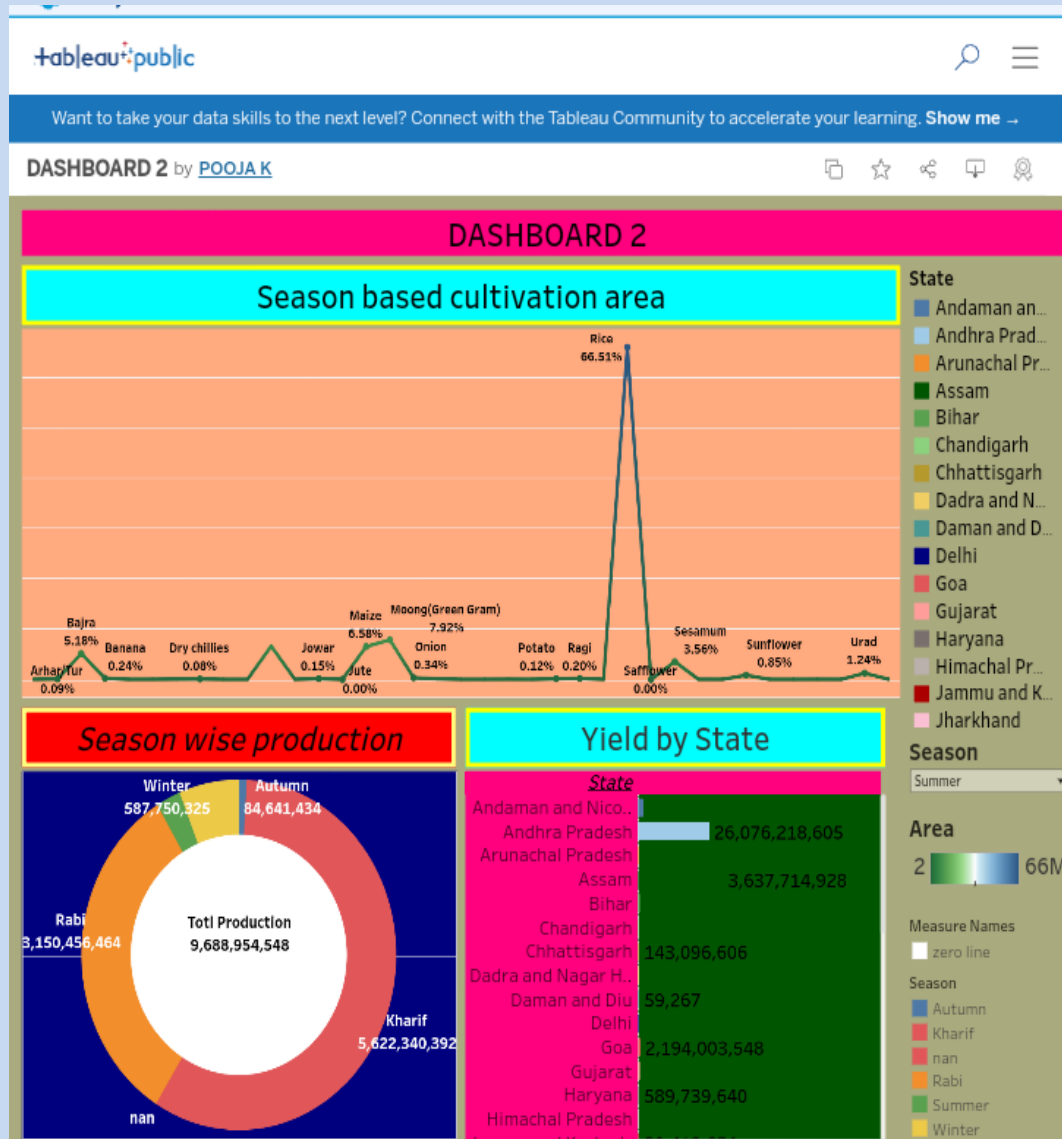
Crop plantation area and Major crop growth yoy



Project Report Template

DASHBOARD 2

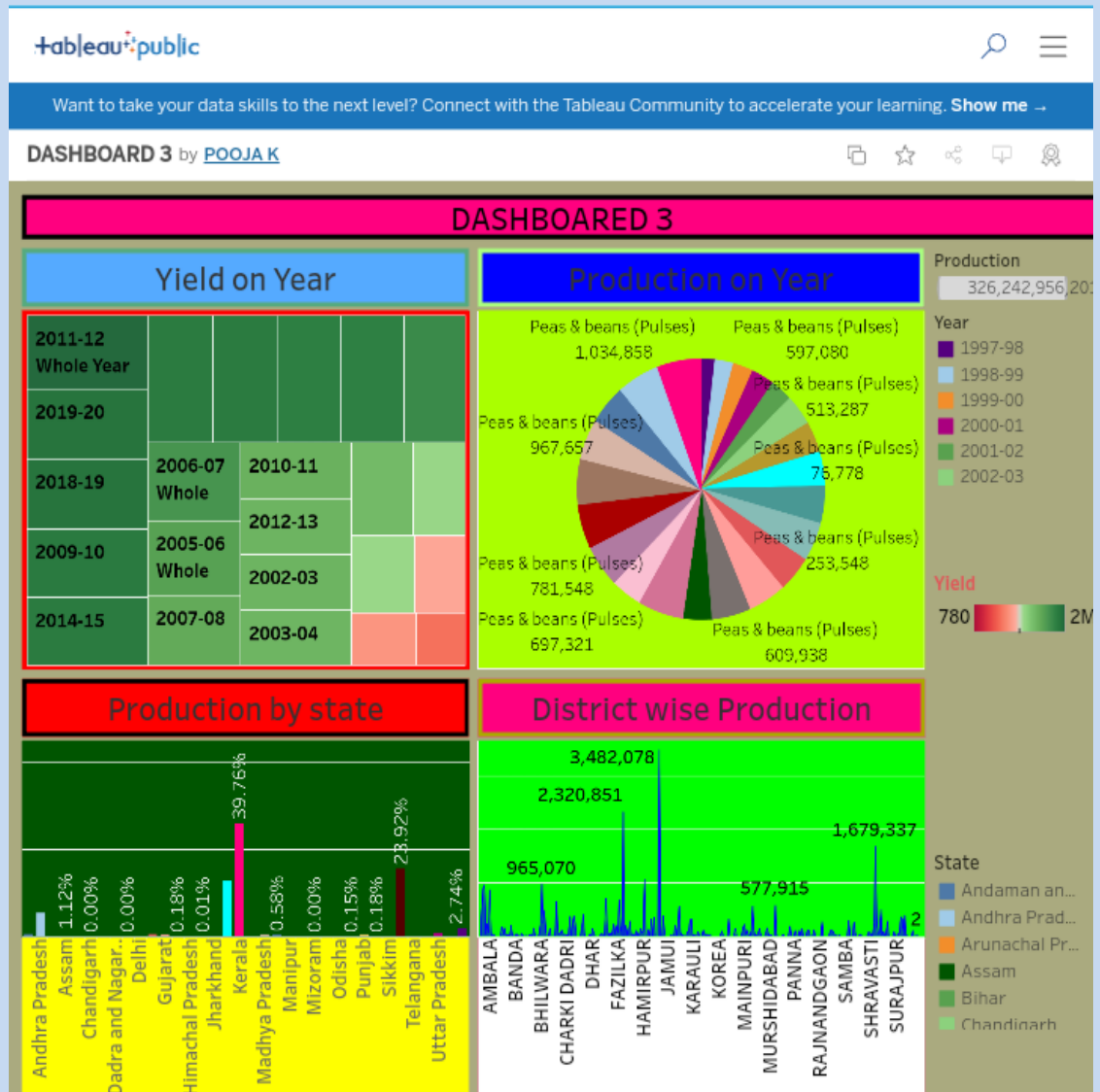
Season based cultivation area and Production



Project Report Template

DASHBOARD 3

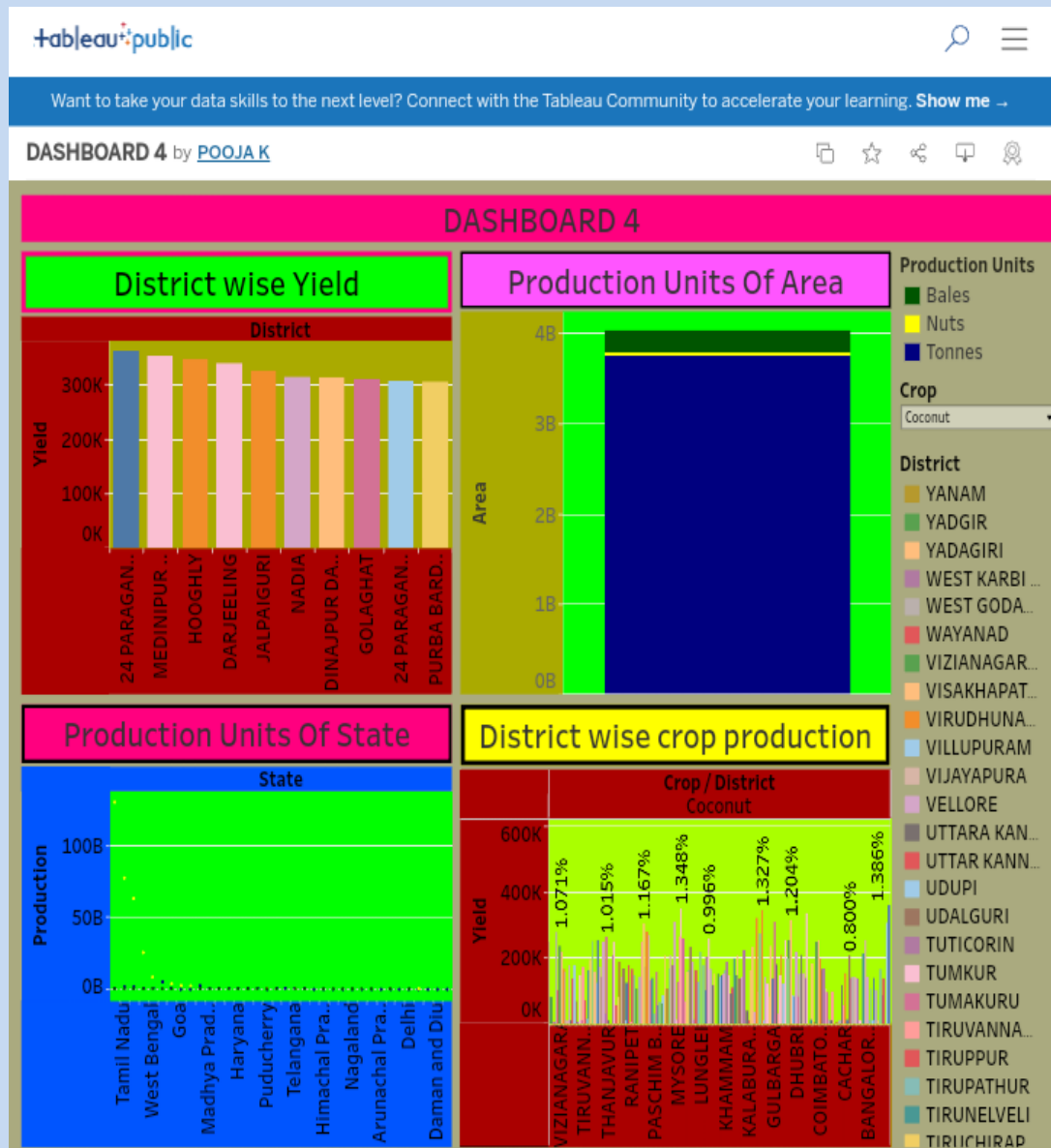
Production on year, district, state and Yield on year



Project Report Template

DASHBOARD 4

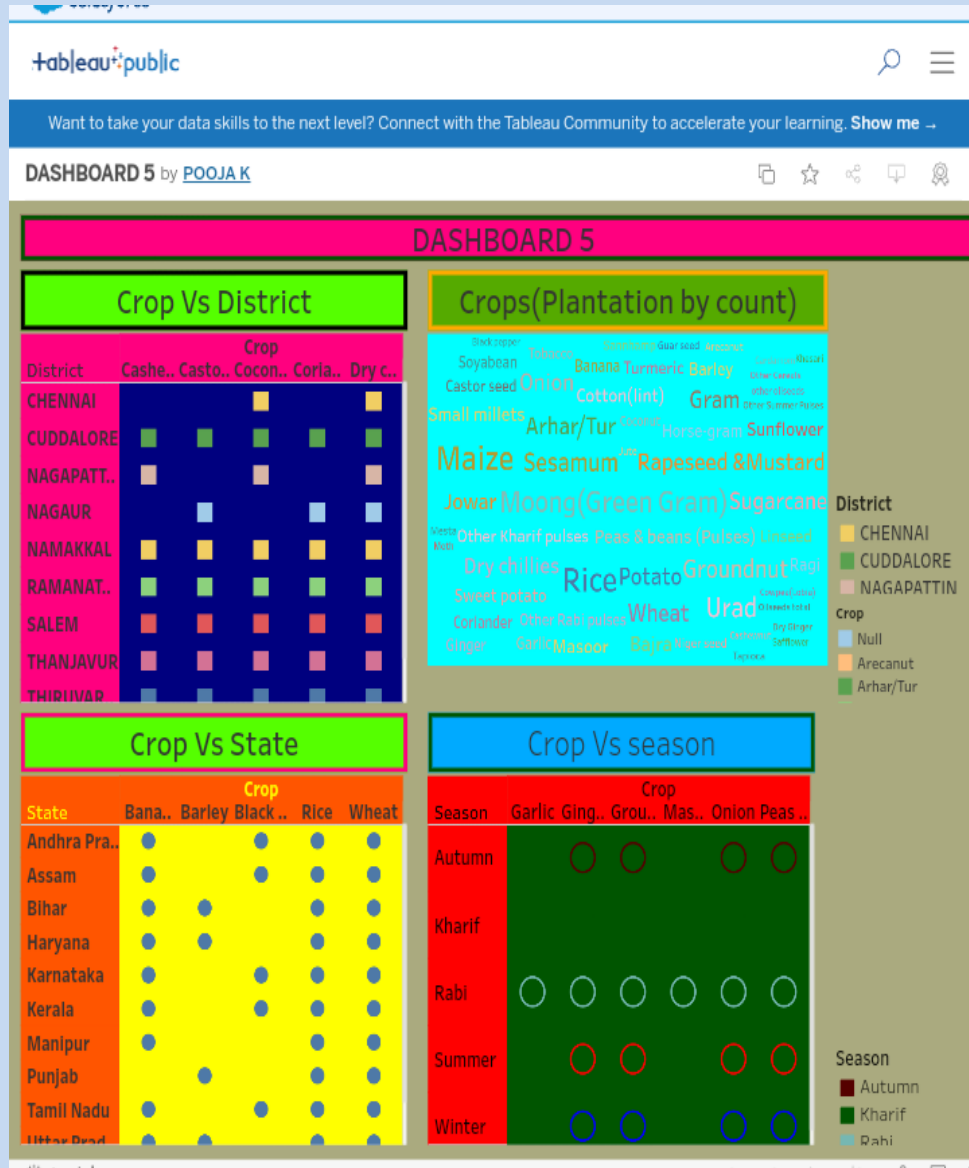
Production units of area and District wise production and yield



Project Report Template

DASHBOARD 5

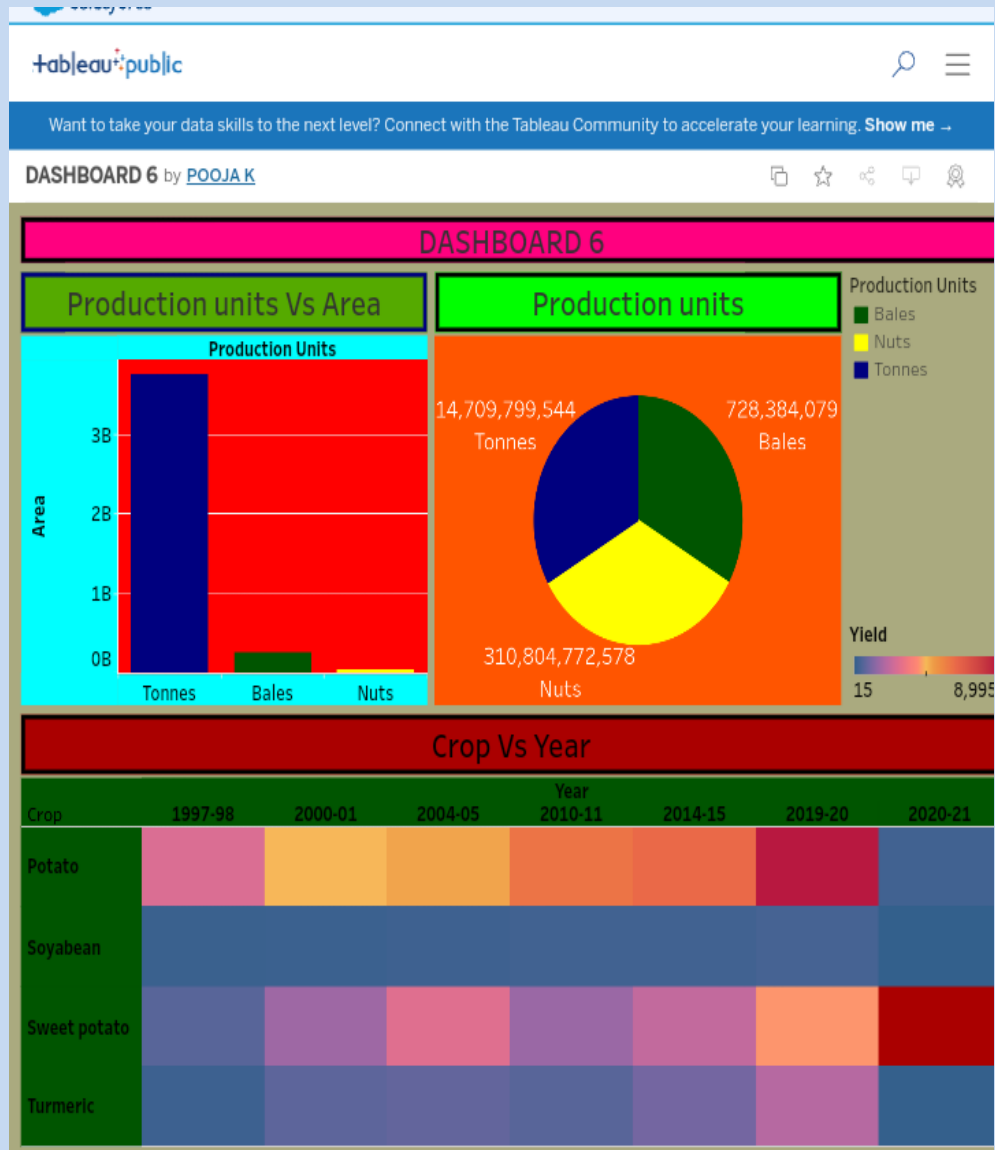
Crop by district, state and season



Project Report Template

DASHBOARD 6

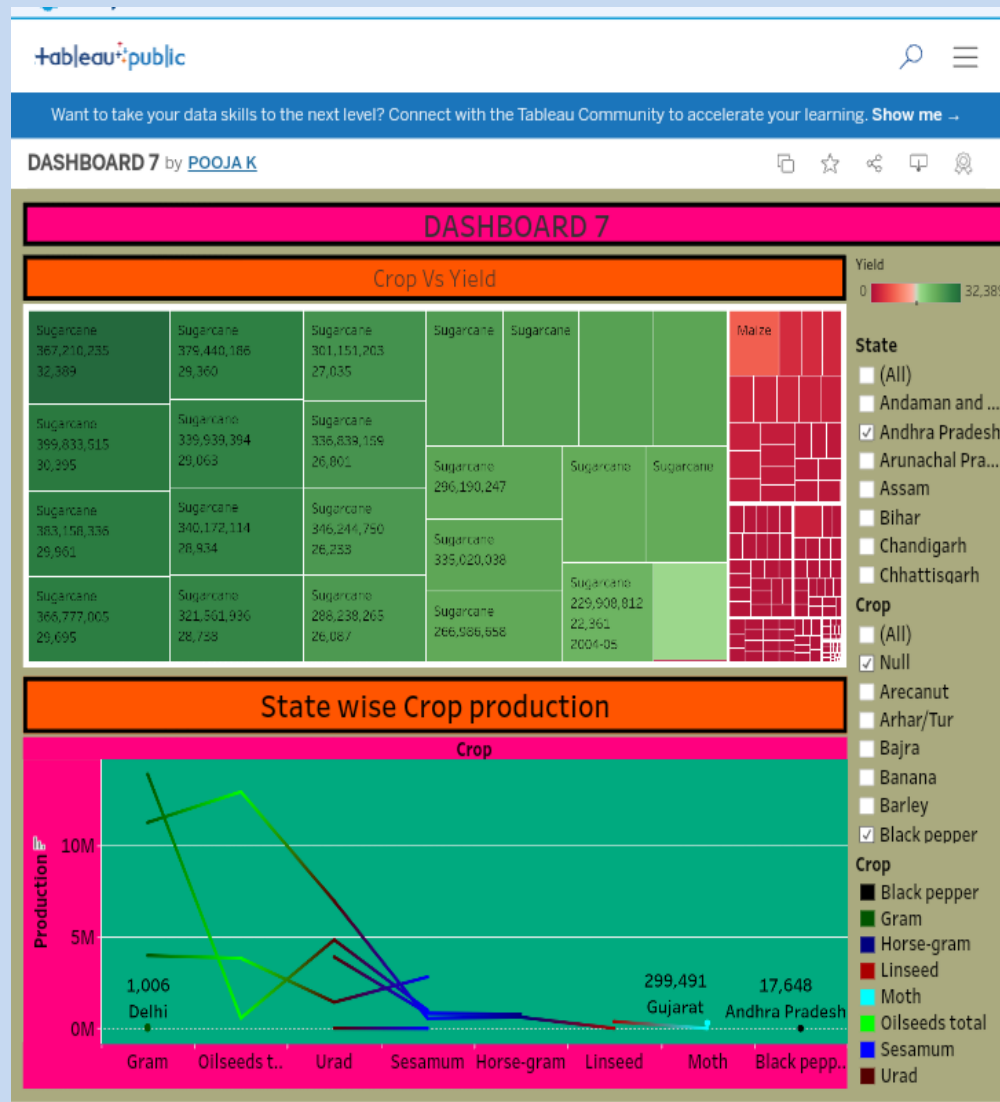
Production units and Crop Vs area



Project Report Template

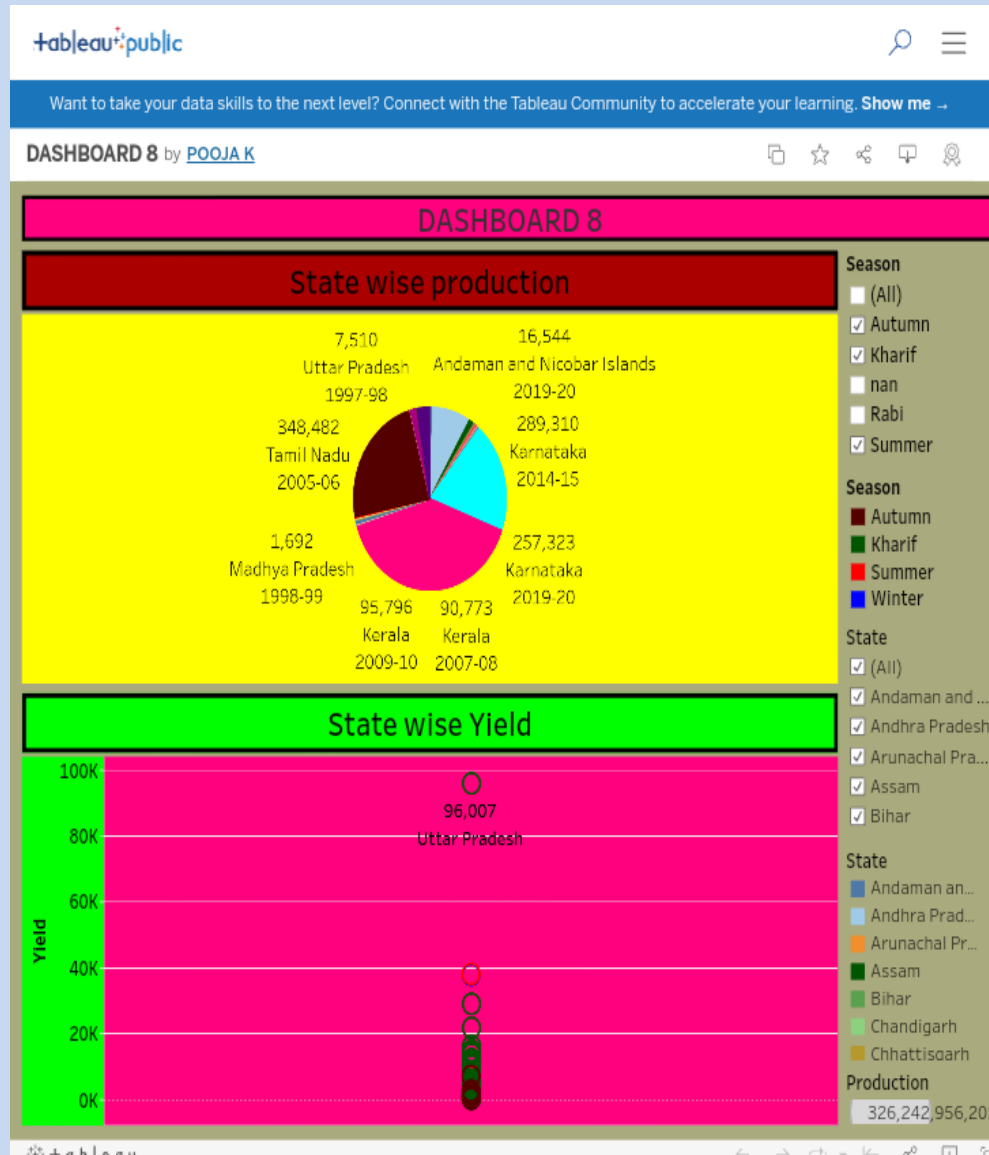
DASHBOARD 7

Crop Vs yield and State wise crop production



DASHBOARD 8

State wise production and yield



4 ADVANTAGES

- ❖ Agricultural supplies raw materials to various agro-based industries like sugar, jute, cotton, textile and vanaspati industries.
- ❖ Food processing industries are similarly dependent on agricultural.

Project Report Template

- ❖ Therefore the development of these industries entirely is dependent on agricultural.

DISADVANTAGES

- ❖ Agricultural in india is overpopulated. That means there is more number of people than actually required in this sector.
- ❖ This has lead to more supply than demand which means farmers has to sell the things at a lower price.
- ❖ Erosion of soil by heavy rain, floods, insufficient vegetation cover etc., reduces farm productivity.

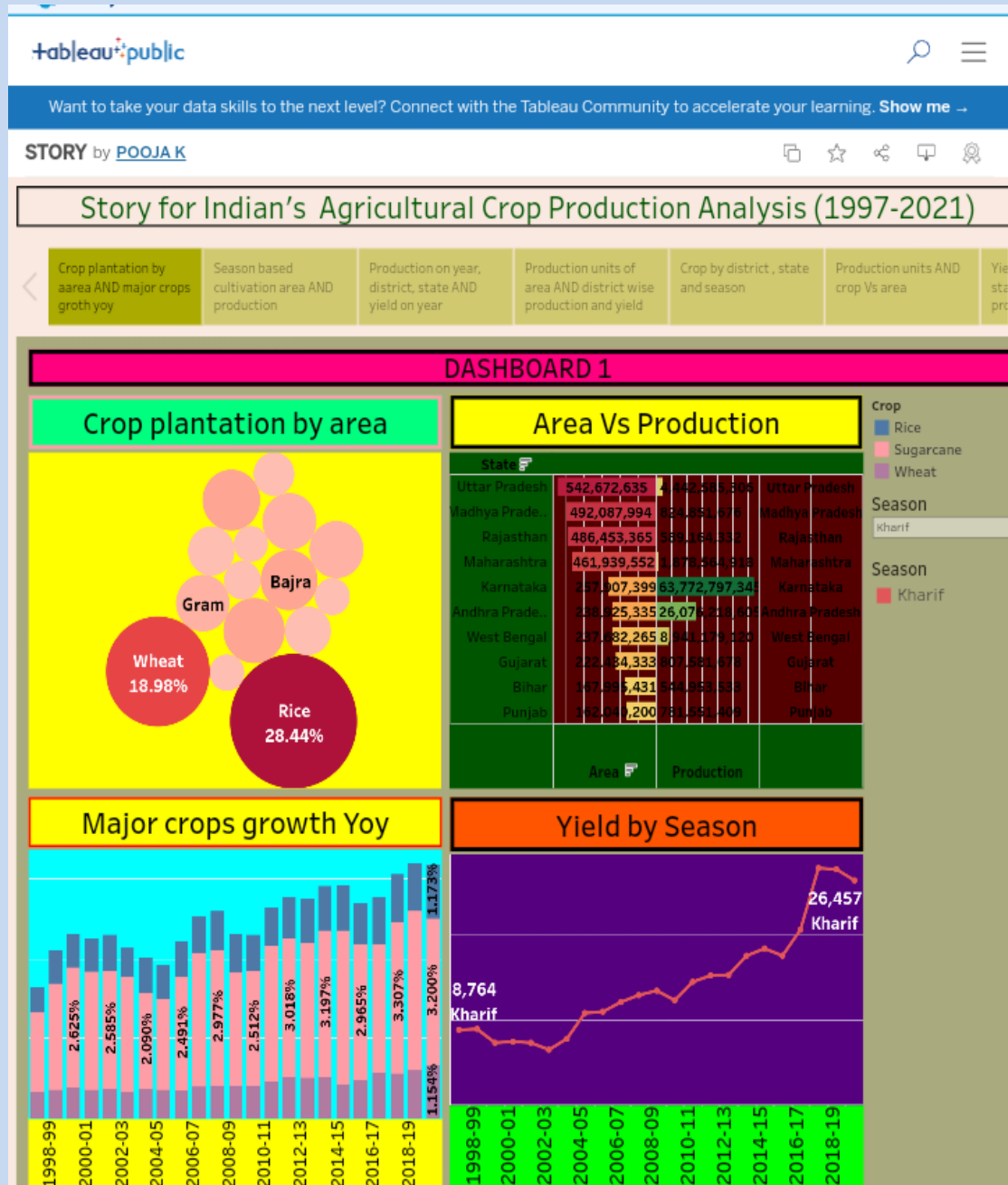
5 APPLICATIONS

- ❖ Agricultural provides most of the world's food and fabrics.
- ❖ Generating employment opportunities
- ❖ This project by reduce risks in agriculture.
- ❖ I feel this project easily understand and interest to next generations.

6 CONCLUSION

To extract the insights form the data and put the data in the form of visualizations, Dashboard and Story we employed Tableau tool.

STORY



7 FUTURE SCOPE

- ❖ There is a tremendous scope for agriculture because food & food products are indispensable for the survival of humanity.
- ❖ It's a recession proof industry because when every industry is downsizing the demand for food crops is on a rise underlining the need for agricultural productivity.
- ❖ Developing agri-infrastructure. Improving quality of rural life.

