

INTRODUCTION

Crop production is a common agricultural practice followed by worldwide farmers to grow and produce crops to use as food and fibre.

crop production involves the use of land, water, and other resources to grow crops.

OVERVIEW

According to the world bank, India is a global agricultural power house. It is the world's largest producer of milk, pulses, and spices, and has the world's largest area under wheat, rice and cotton. It is the second largest producer of rice, wheat, cotton, sugarcane, farmed fish, sheep & goat meat, fruit, vegetables and tea.

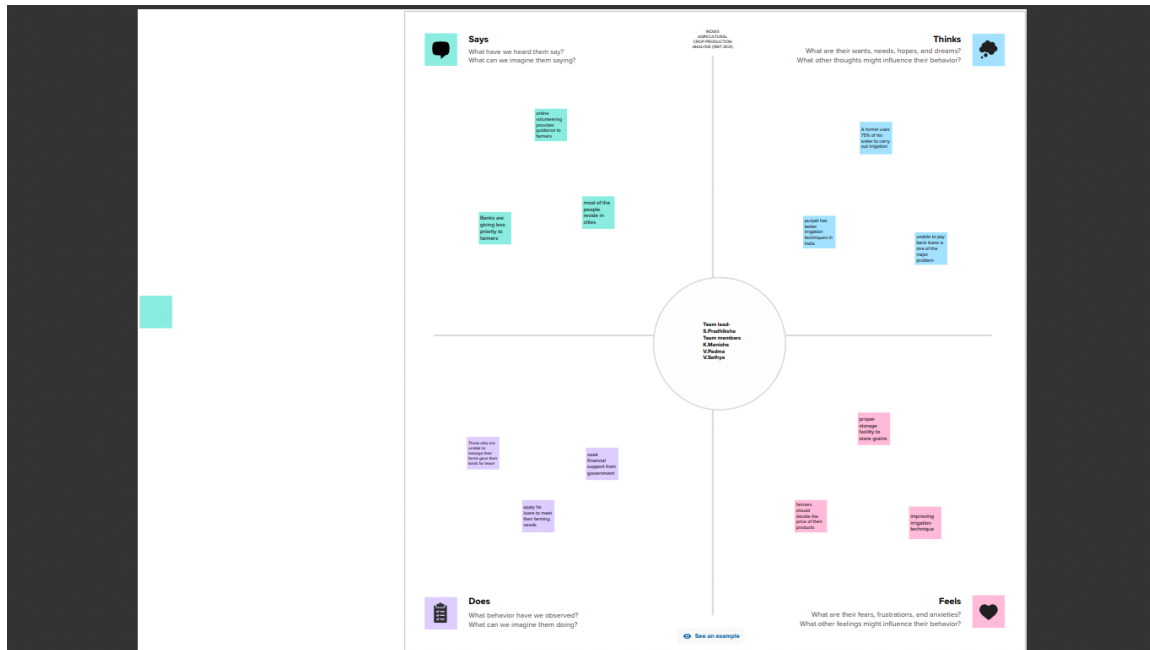
while agriculture's share in India's economy has progressively declined to less than 15% due to the high growth rates of the industrial and services sectors, the sector's importance in India's economic and social fabric goes well beyond this indicator.

PURPOSE

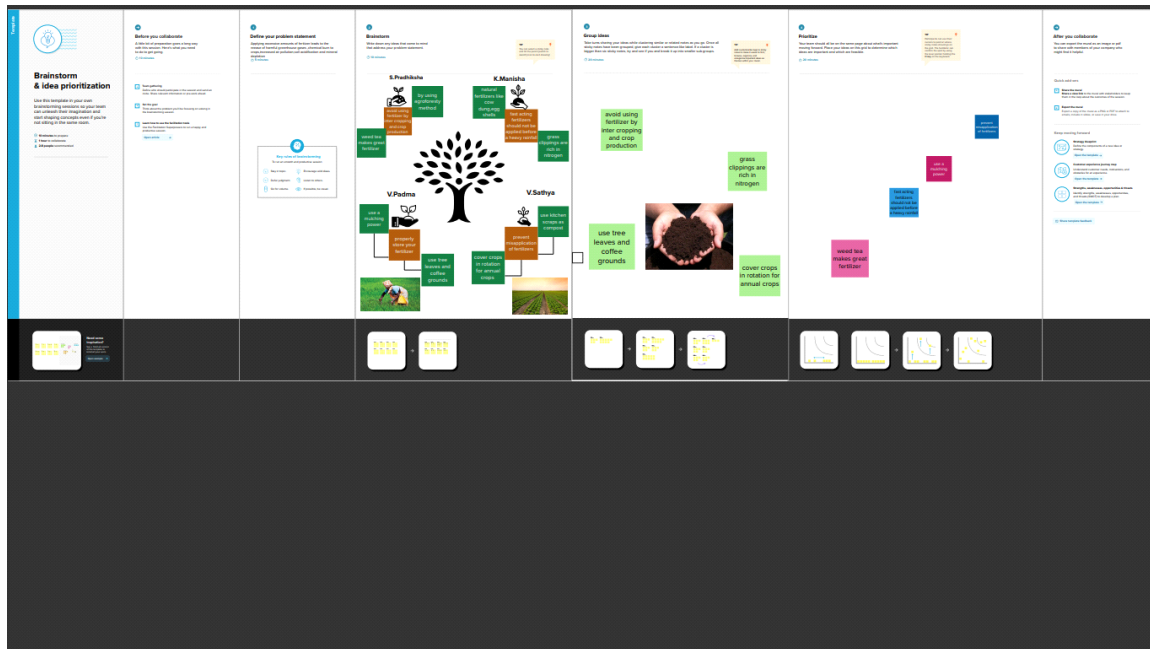
Agriculture is the foundation of the Indian economy. The population of India mostly depends on agriculture for their livelihood and agriculture contributes to 40 percent of the total GDP of the country. Agriculture employed more than 50% of the Indian workforce and contributed 20.2% to the country's GDP.

PROBLEM DEFINITION AND DESIGN THINKING

EMPATHY MAP



IDEATION & BRAINSTORMING MAP



RESULT

DATA MODEL

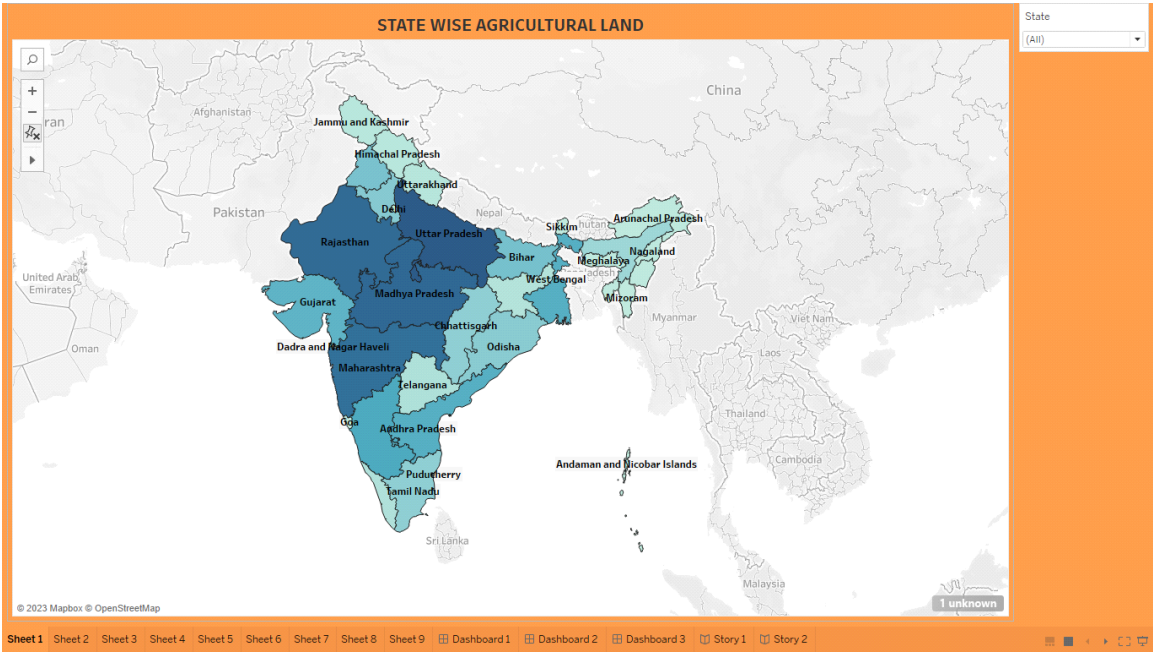
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STATE WISE AGRICULTURAL LAND	Field label	Data type
	state	Text
	Land	Numbers

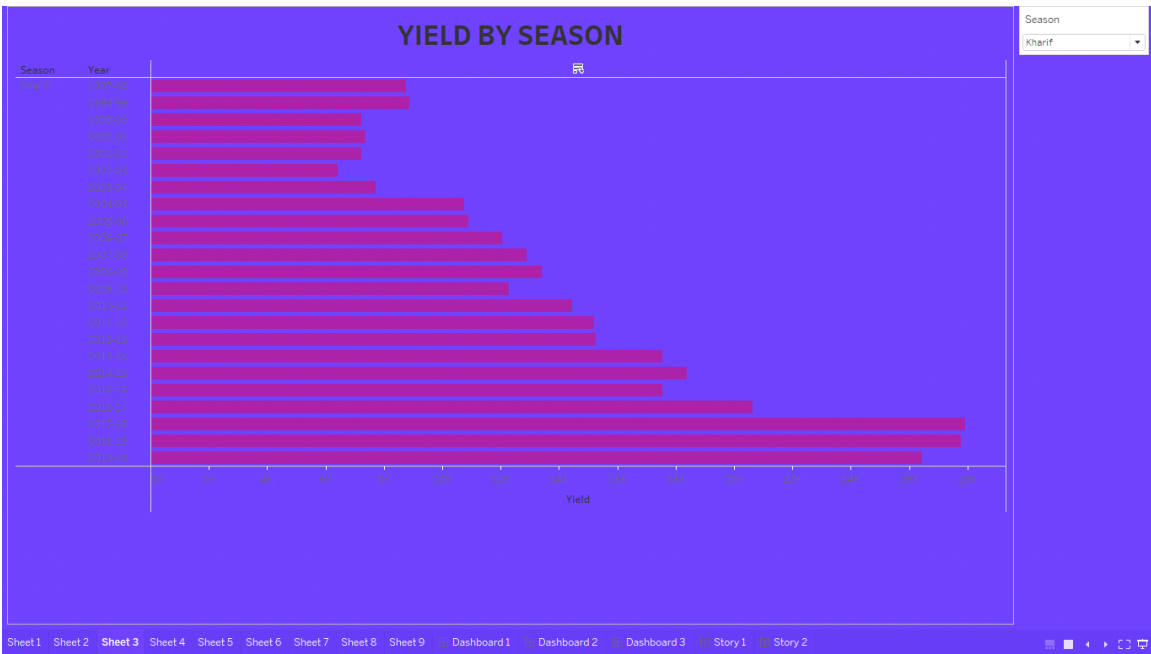
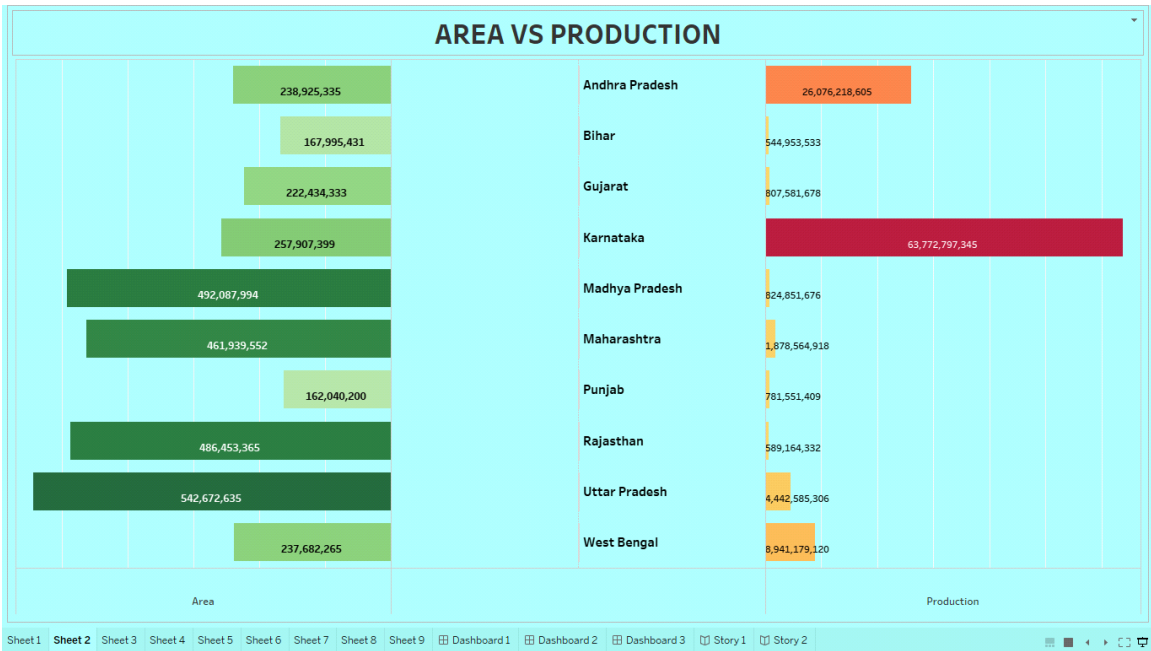
AREA VS PRODUCTION		
	Field label	Data type
	Area	Text
	Production	Numbers
YIELD BY SEASON		
	Field label	Data type
	Yield	Numbers
	Season	Text
CROP PLANTATION BY AREA		
	Field label	Data type
	Crop	Text
	Area	Numbers

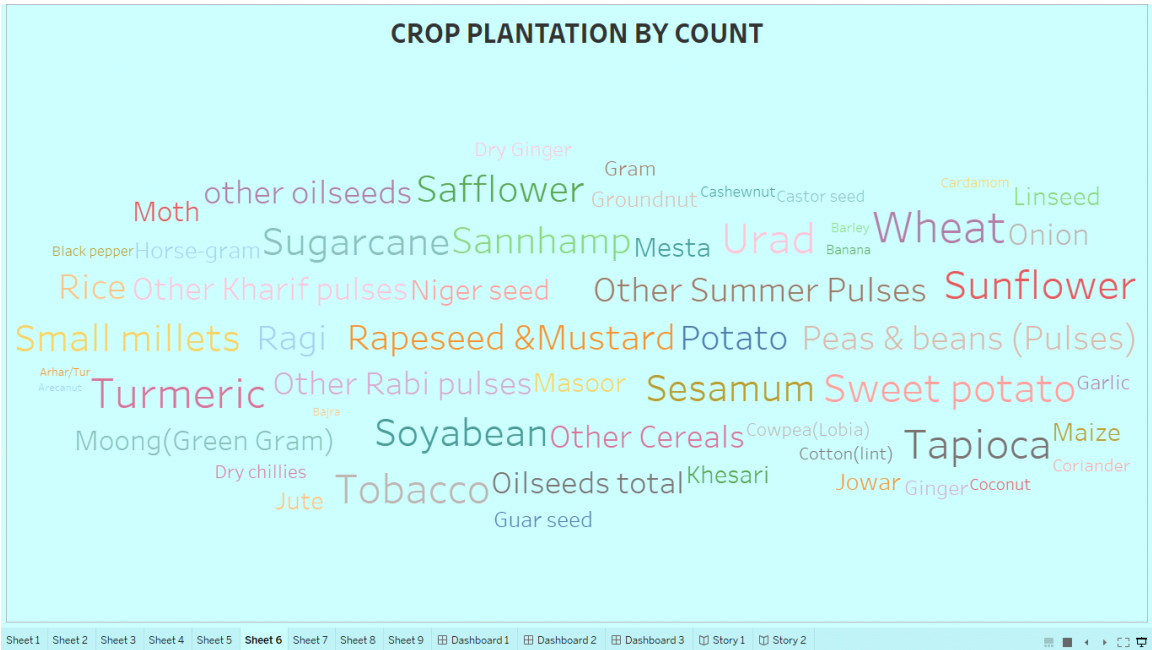
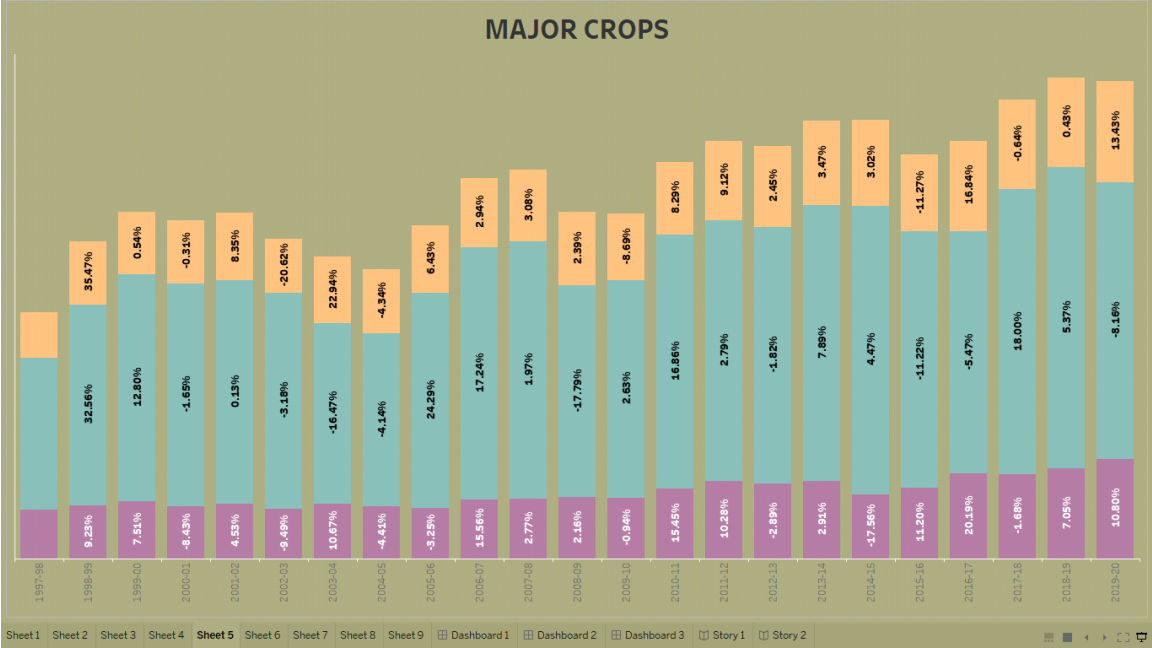
MAJOR CROPS		
	Field label	Data type
	Crops	Numbers
CROP PLANTATION BY COUNT		
	Field label	Data type
	Crop	Text
SEASON WISE PRODUCTION		
	Field label	Data type
	Season	Text
	Production	Numbers
KEY PERFORMANCE INDICATOR		
	Field label	Data type
	Area	Numbers

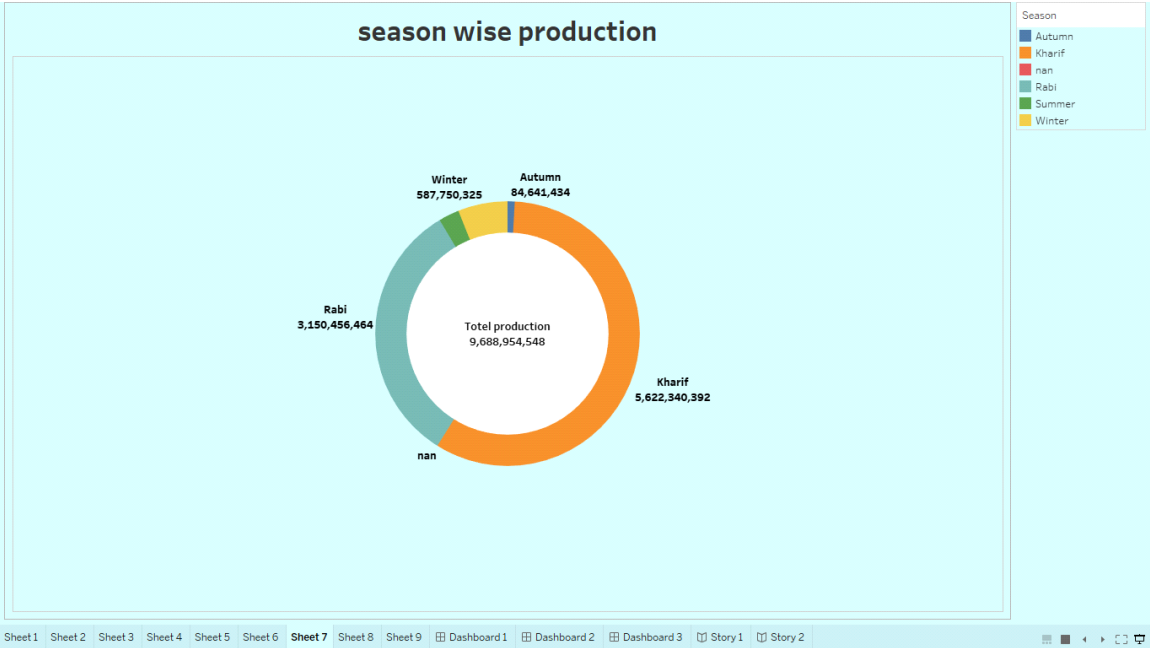
SEASON BASED CULTIVATION AREA	Field label	Data type
	Crop	Text
	Area	NUMBERS

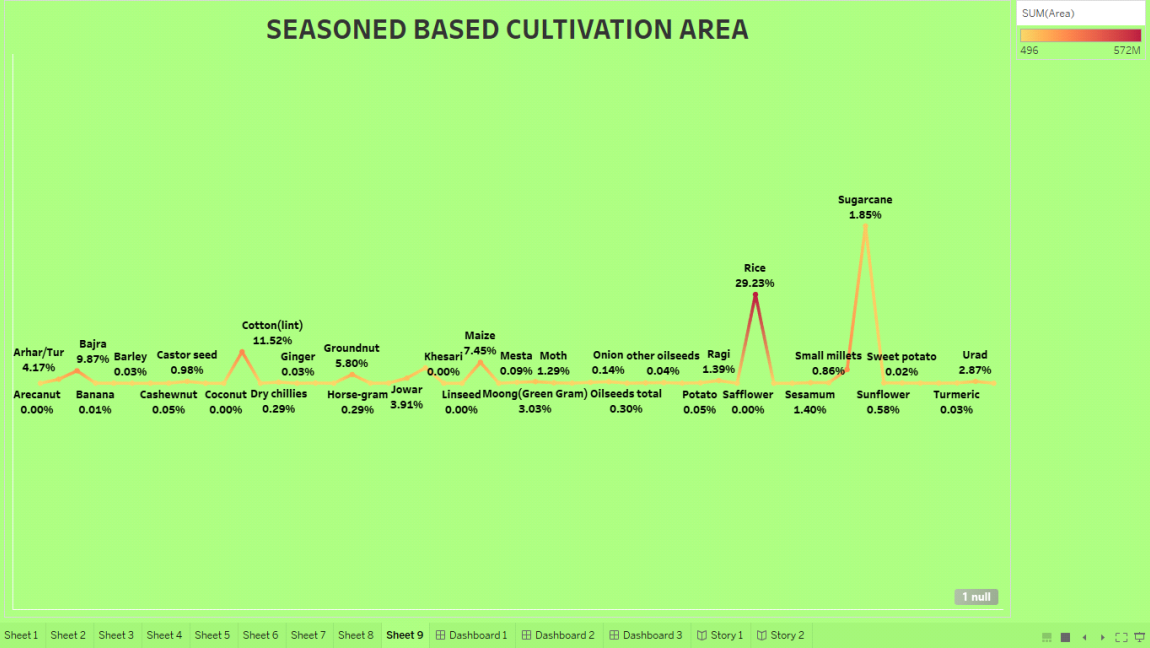
ACTIVITY AND SCREENSHOT



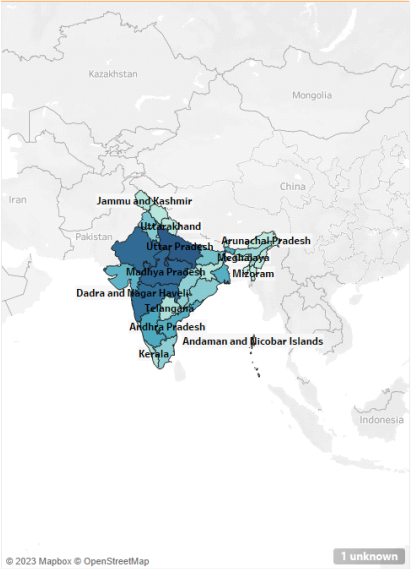




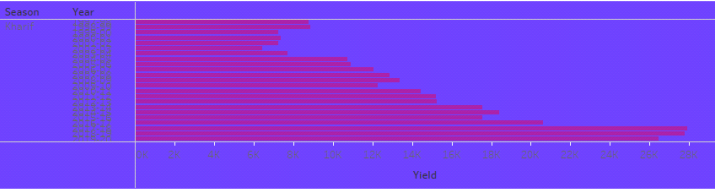




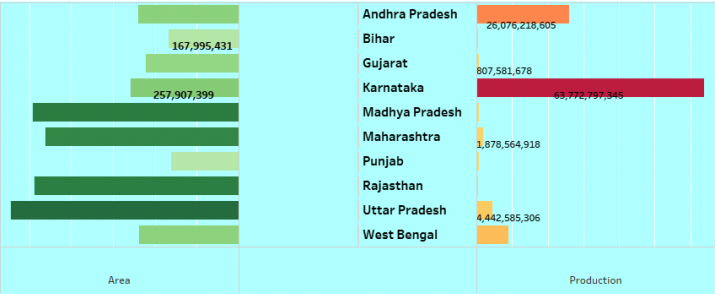
STATE WISE AGRICULTURAL LAND



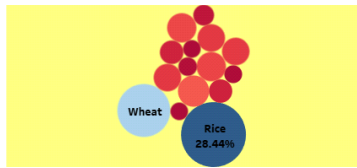
YIELD BY SEASON



AREA VS PRODUCTION

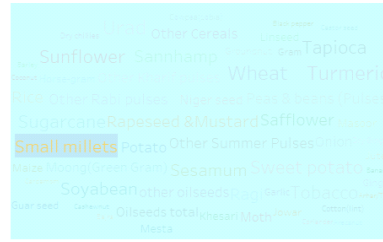


CROP PLANTATION BY AREA

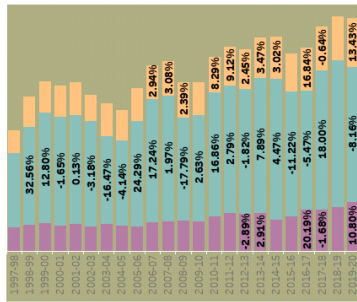


Crop
Rice
Sugarcane
Wheat

CROP PLANTATION BY COUNT

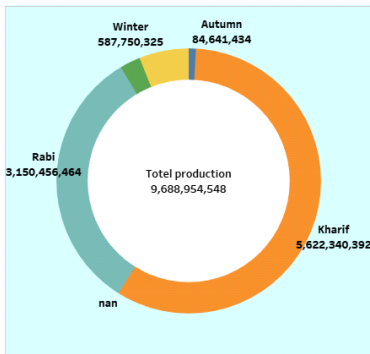


MAJOR CROPS



Sheet 1 Sheet 2 Sheet 3 Sheet 4 Sheet 5 Sheet 6 Sheet 7 Sheet 8 Sheet 9 Dashboard 1 Dashboard 2 Dashboard 3 Story 1 Story 2

season wise production

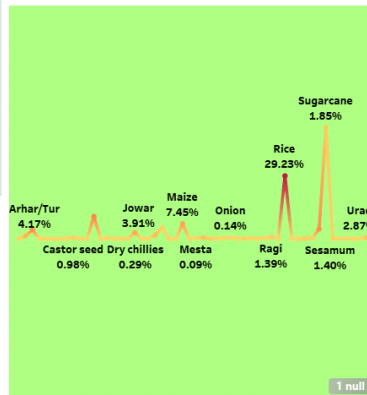


Season
Autumn
Kharif
nan
Rabi
Summer
Winter

EAST

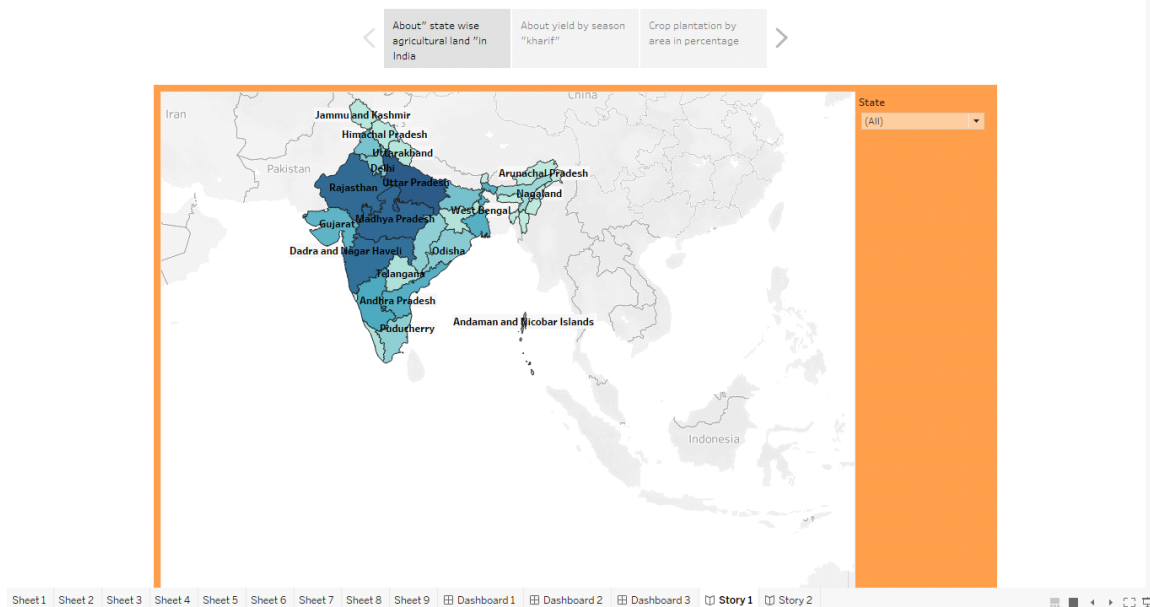
4,030,580,636

SEASONED BASED CULTIVATION AREA

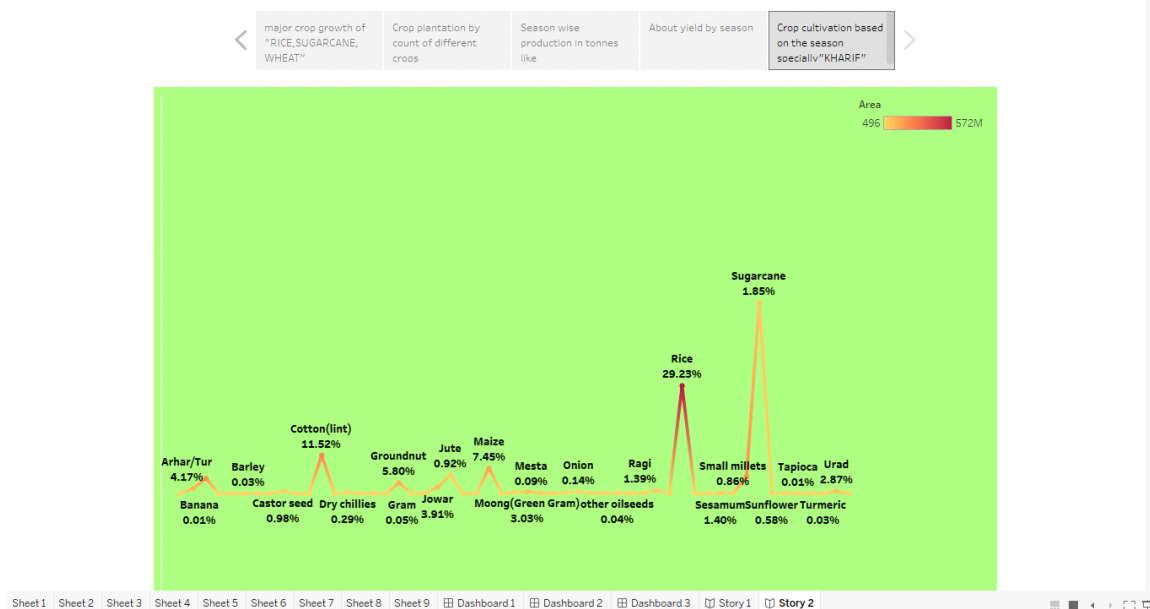


Sheet 1 Sheet 2 Sheet 3 Sheet 4 Sheet 5 Sheet 6 Sheet 7 Sheet 8 Sheet 9 Dashboard 1 Dashboard 2 Dashboard 3 Story 1 Story 2

Story 1



Story 2



TRAIL HEAD PROFILE PUBLIC URL

TEAM LEADER: (S.PRADHIKSHA)

<https://public.tableau.com/app/profile/pradhiksha>

s/vizzes

PROJECTREPORT

ADVANTAGES AND DISADVANTAGES

ADVANTAGES

- **There is over all increase in yield of crops mainly due to maintaining physical- chemical properties of soil.**
- **It helps in controlling insects,pests and soil borne diseases.**
- **Prevent or limit periods of peak requirements of irrigation water.**

DISADVANTAGES

- **Crops loss only happens due to climate, pest attack.**
- **Hunger level would be more.**
- **Global warming happend.**
- **Deforestation case could be more.**

- **Carbon level would be higher.**
- **Healthy farming helps to get more energy,balance our nature.**
- **Climate might be worse without agriculture,farming,garden.**

APPLICATIONS

A crop is a plant product that can be grown and harvested for profit or subsistence.

By use,crops fall into six categories:food crops,feed crops,fiber food,oil crops,ornamental crops, and industrial crops, food crops, such as fruit and vegetables,are harvested for human consumption.

CONCLUSION

The indian economy is an agroecconomy and depends highly on the agricultural sector.

Crops are plants that are produced and harvested by farmers for profit or subsistence. Crops may be ingested by both animals and humans and are necessary for life to exist.

FUTURE SCOPE

There is tremendous scope for agriculture because food & food products are indispensable for the survival of humanity.

The scope for agriculture can be determined from the fact that ever since the war started, many countries are struggling with the food shortage.

This proves that agriculture sector is vital for survival highlighting the need for graduates with degree in Agriculture.