

# Crop Production Analysis (Project - 3)

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# Project Overview



Agriculture business encompasses the economic sectors for farming and its related commerce.

- Analysing the Crop Production ensures efficient demand forecasting, supply chain, etc.
  - Help in collaboration of agri-food sector with different stakeholders of associated business domains efficiently.
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# Understanding the problem

## Item 1

Getting the clear picture of production and the potential to increase production, helps in planning and decision making in associated businesses.



## Item 2

Understanding the crop division overall and regional wise to have better understanding of resources and demand.

## Item 3

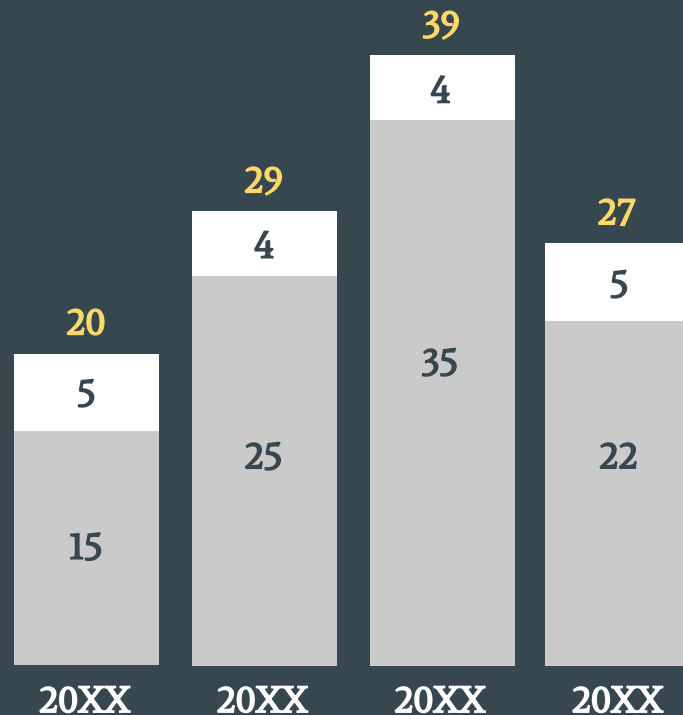
Analysing key relations between attributes and changes in agriculture demographics to have an idea about future sources.

# Analysis

Item 1   
Item 2 

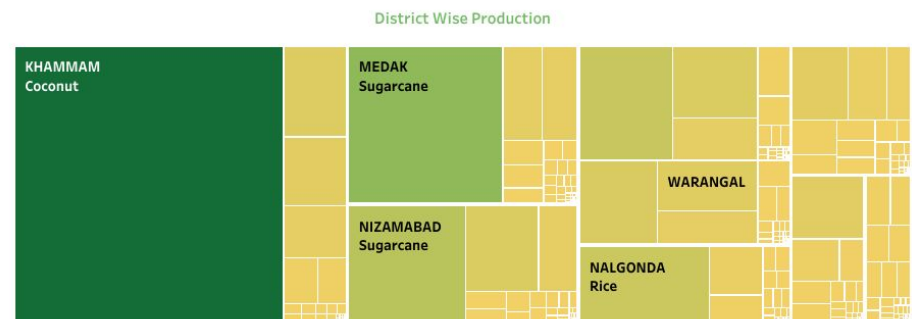
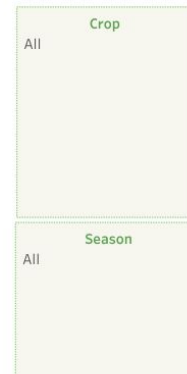
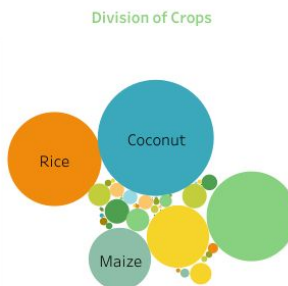
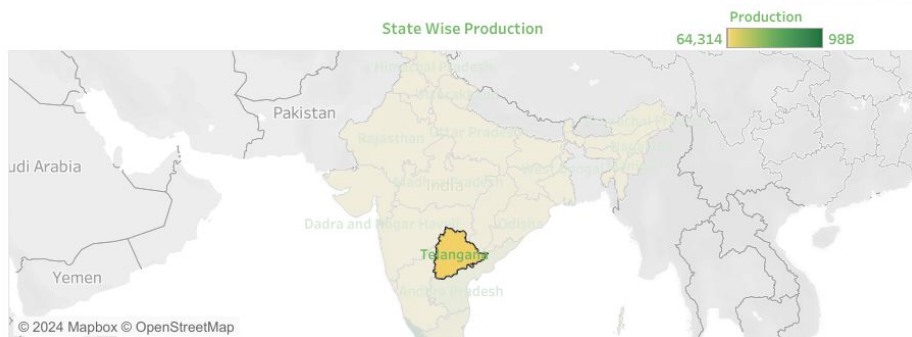
## Findings

- It is found that Coconut(whole year) crop is produced in very huge quantity mainly in Kerala and Andhra Pradesh and majorly in coastal area.
- In the Deccan Plateau region it is observed Sugarcane is dominated crop .
- It is found that whole year crops production area to production is less compared to other seasonal crops area to production.
- In majority North states Wheat, Bajra, Rice are dominating crops.
- Kharif and Rabi crops are highly produced crops in the country in maximum years.



# DASHBOARD

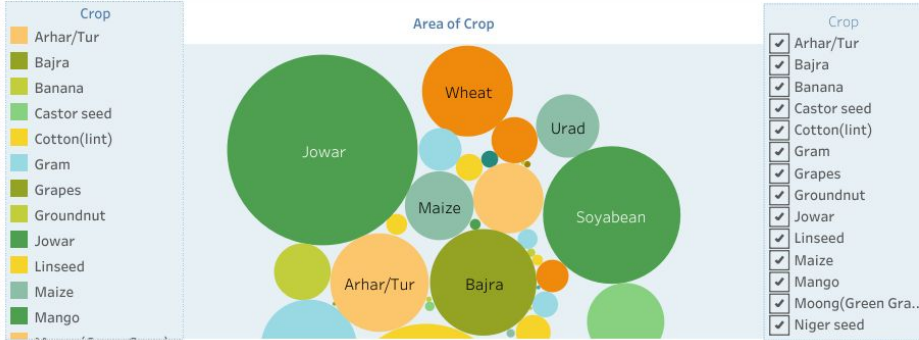
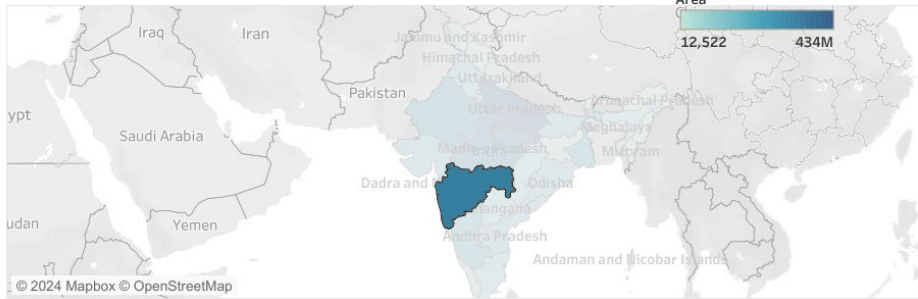
## Production Dashboard



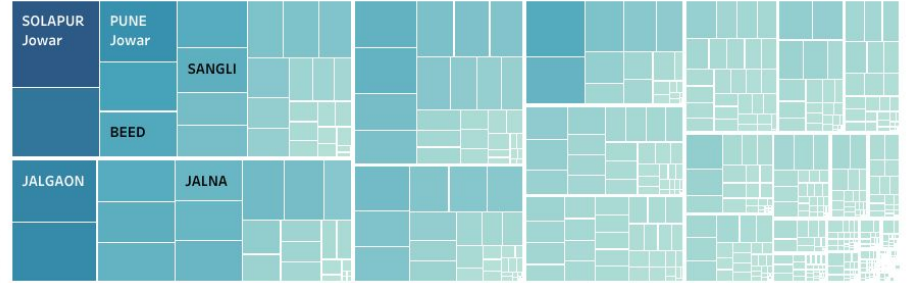
# DASHBOARD

## Area Dashboard

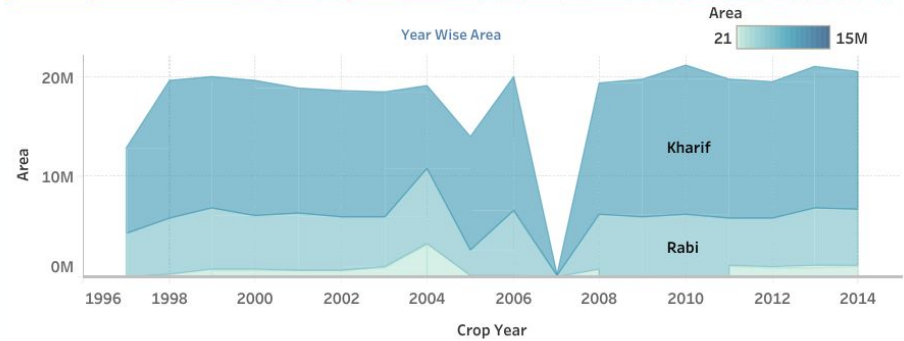
Production Area Map



District Wise Crop Area



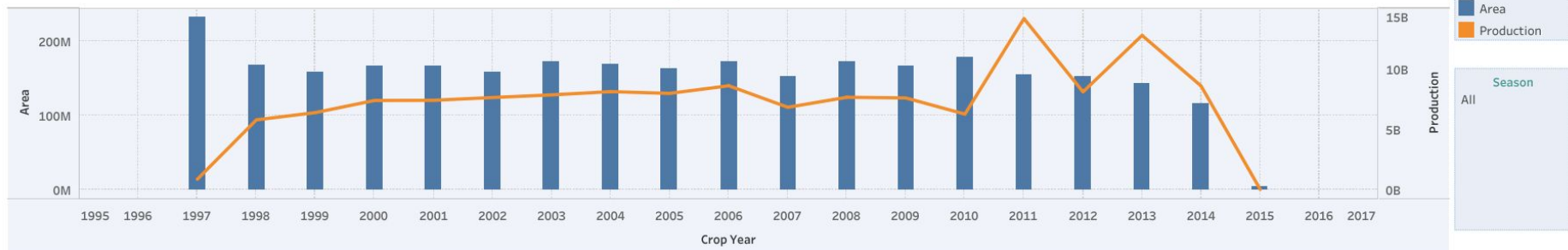
Year Wise Area



# DASHBOARD

## Yearly Data

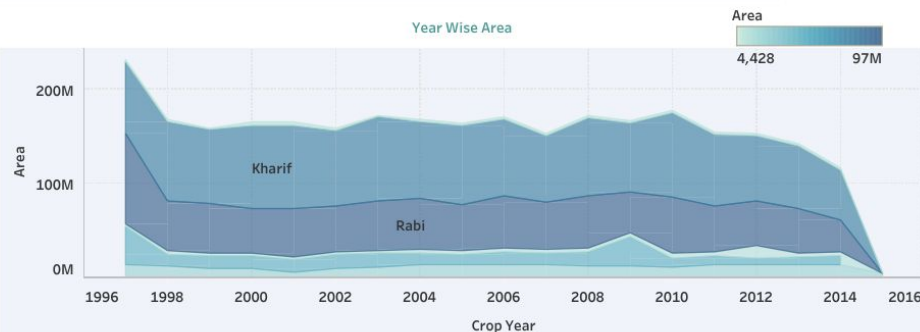
Yearly Production and Area



Year Wise Production

2011 14,309,004,047	2006 8,682,038,788	2012 8,171,135,428	2008 7,717,132,642	2001	2000	2007
	2014 8,664,597,037	2005 8,043,857,290	2002 7,697,003,358			
2013 12,903,651,108	2004 8,189,554,158	2003 7,918,026,341	2009 7,660,618,618	1999 6,434,692,403		1998
				2010 6,307,705,629		

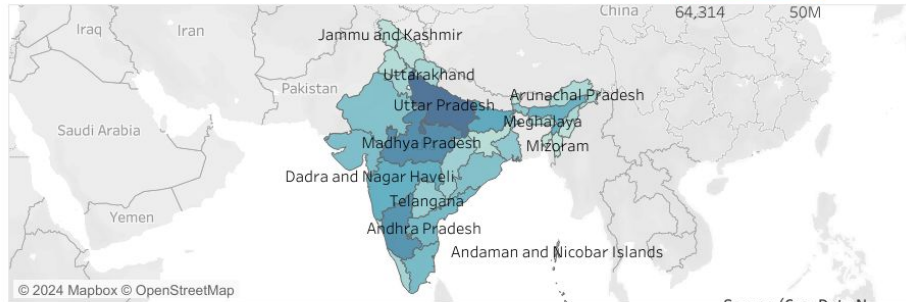
Year Wise Area



# DASHBOARD

## Production Variation

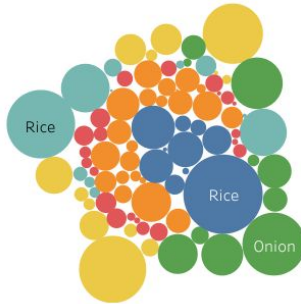
Small Scale Production



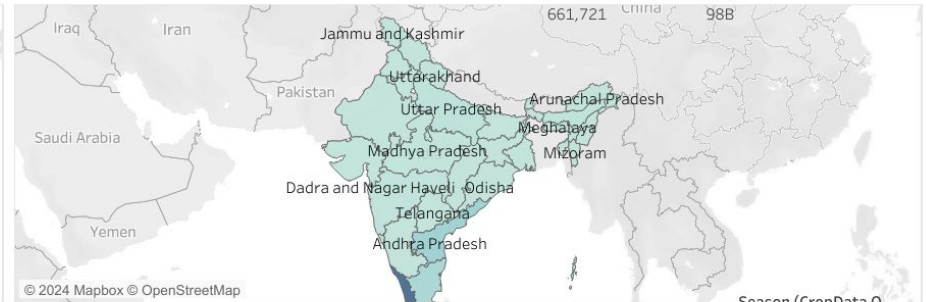
Production (CropData N..)  
64,314 50M

Season (CropData N..)

- Autumn
- Kharif
- Rabi
- Summer
- Whole Year



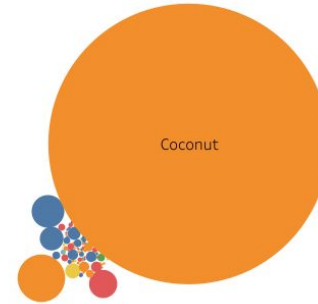
Large Scale Production



Production (CropData O..)  
661,721 988

Season (CropData O..)

- Autumn
- Kharif
- Rabi
- Summer
- Whole Year





# Summary

## Synopsis 1

Compared to previous years, from 2011 to 2014 are highly productive years but concerning is area is decreasing gradually.

## Synopsis 2

Crop production is highly diversified in the country where every state has its own diversification and has its own major crop as per demands and demographic feasibility..

## Synopsis 3

The increase in production is positive sign and the same production is expected for upcoming years if measures are taken to maintain same production area is maintained.

## Synopsis 4

All states are not equally capable to produce highly throughout year except states having geographical advantages like rivers..

**THANK YOU**