



CROP PRODUCTION ANALYSIS IN INDIA

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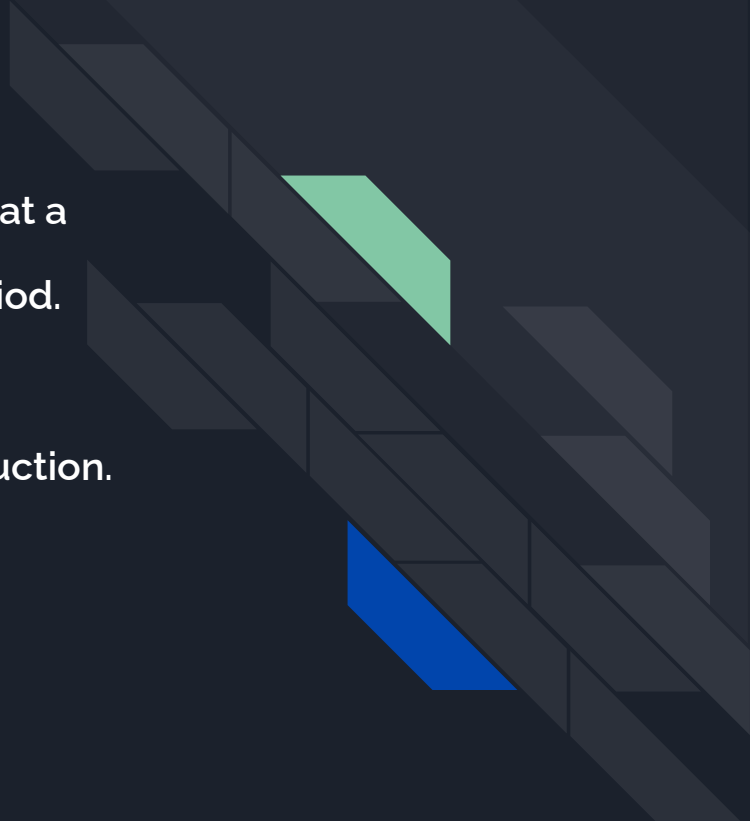
INTRODUCTION:

Crop production is the process of growing crops for domestic and commercial purposes.

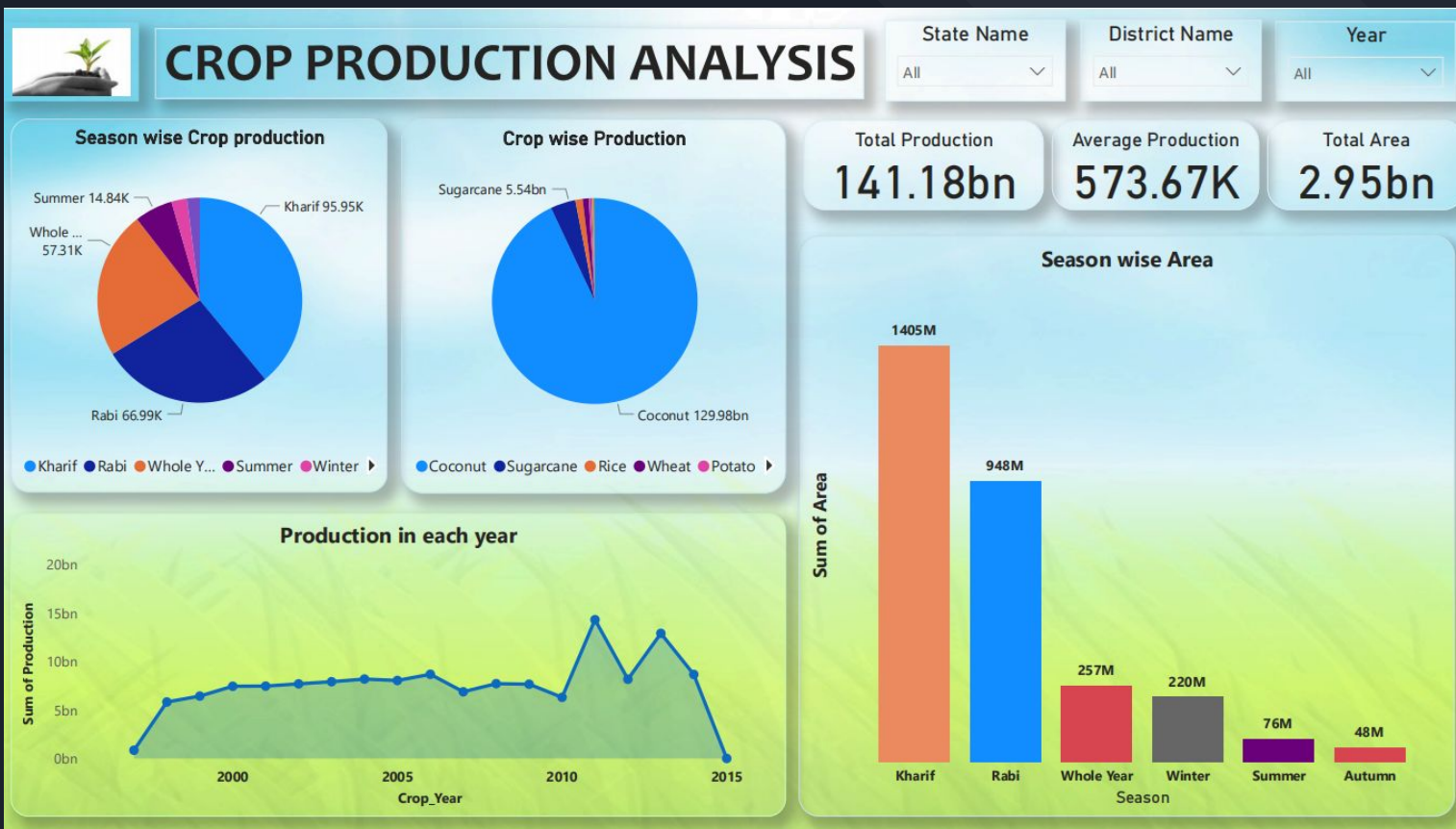
India is an agriculture-based country. More than half of the population in our country is dependent on agriculture. Therefore, the production and management of crops are very important to keep up agricultural productivity.

India is the world's largest producer of many fresh fruits like banana, mango, guava, papaya, lemon and vegetables like chickpea, okra and milk, major spices like chili pepper, ginger, fibrous crops such as jute, staples such as millets and castor oil seed. India is the second largest producer of wheat and rice, the world's major food staples.

MAIN KPIs:

- Total Production: Total amount of output produced.
 - Production Rate: The number of units of a product that a production system can produce within a specific period.
 - Agriculture area: The area already used for farming.
 - Top Crop: The variety of crop which has largest production.
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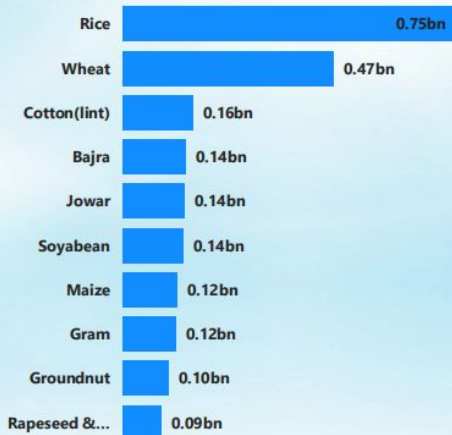
MOCK-UP DASHBOARD:



Breakdown of Area and Production by States



Top 10 Area Required for crop



Top 5 Produced Crops



Geographical Distribution of Production

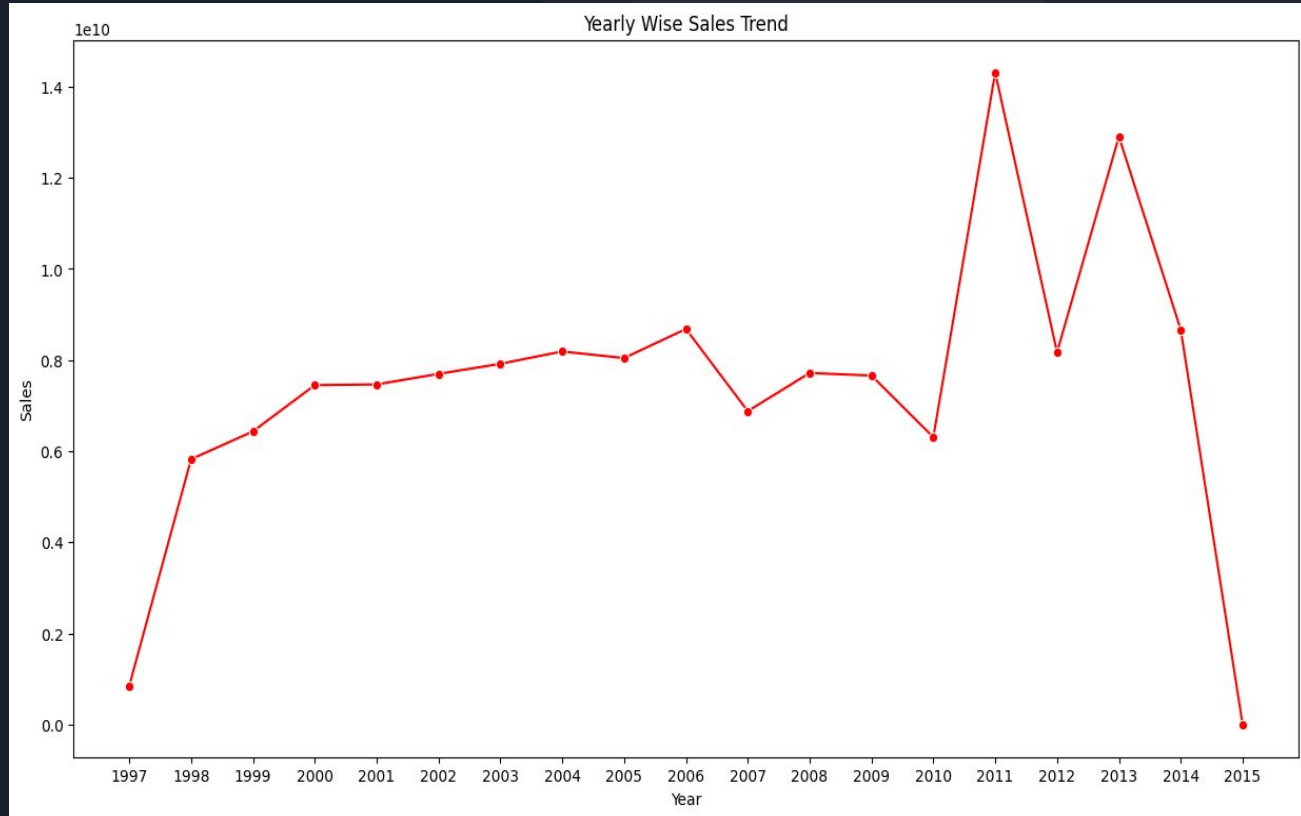


YEAR-WISE PRODUCTION OF CROPS:

*Production rate was very low in the year of 1997. But afterwards it increased.

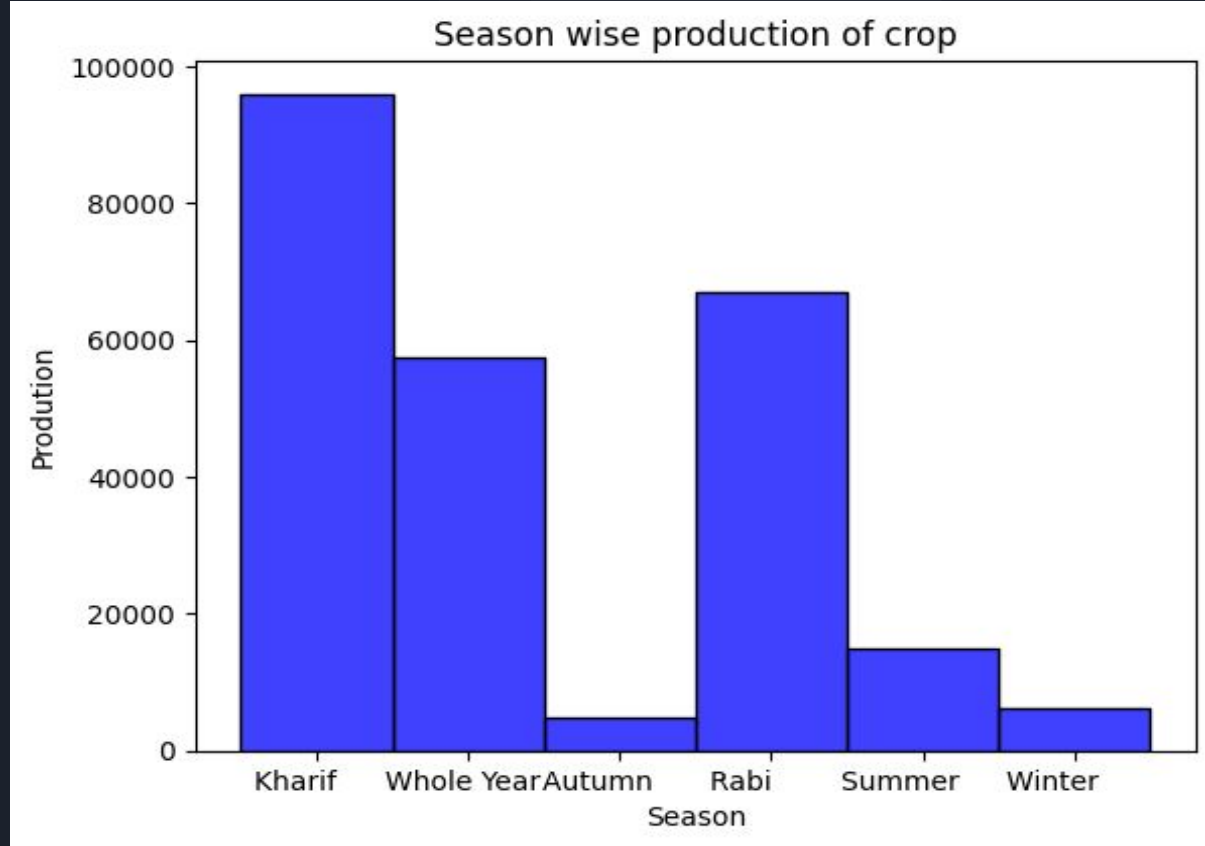
*In the year 2011 there was drastic increase in the Crop Production and it continued till 2014.

*in 2015 there was huge downfall in crop production.



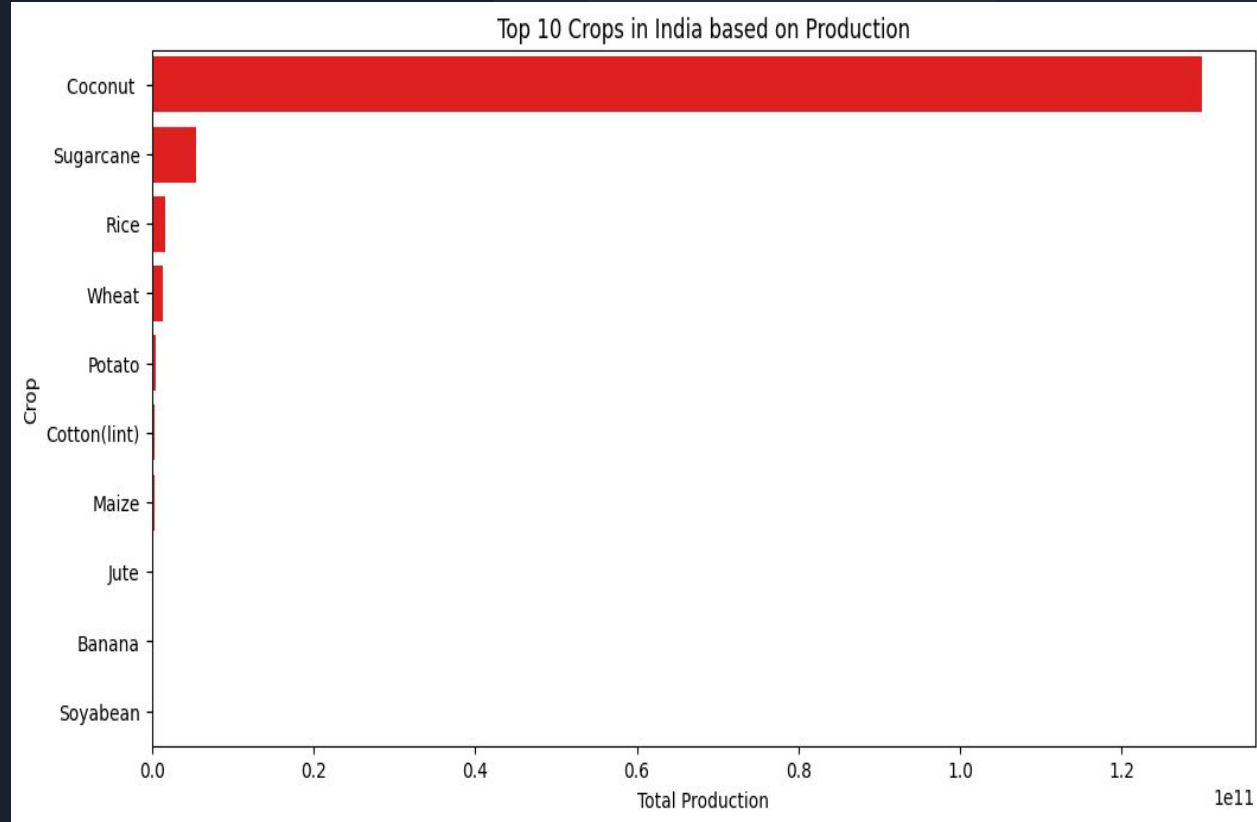
SEASON-WISE PRODUCTION OF CROPS:

*in Kharif season the crop productions are drastically high as compare to others and production of crops in Summer, Winter and autumn are drastically low.



CROP-WISE PRODUCTION RATE:

*production of coconuts is the highest when compared to other crops. We can also see a small production of sugarcane.



CONCLUSION

Production wise top zone is South zone with Kerala topping it's high crop production.

Production wise top crop type are Coconut, Sugarcane and Rice.

Total Production hit peak in the year 2011 and 2013.and 2015 was worst

Top crop categories which shows high production values are Whole Year(Annual growing plants),Kharif and Rabi crops. It clearly shows these crops heavily dependent on seasonal monsoons.

Top crop categories are Cereal, Pulses and Oilseeds

Top producing state Kerala shows a abundance of whole year seasonal crops and Top producing state Uttar Pradesh shows abundance of Kharif, Rabi and Summer crops.



THANK YOU