



**Sacred Heart arts and science college  
perani villupuram district**

**Bachelor of Science  
In  
mathematics**

**Affiliated to Annamalai university chidambaram**

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# **India Agriculture Crop Production**

**submitted by :**

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**G.Pavithra -22421201009**

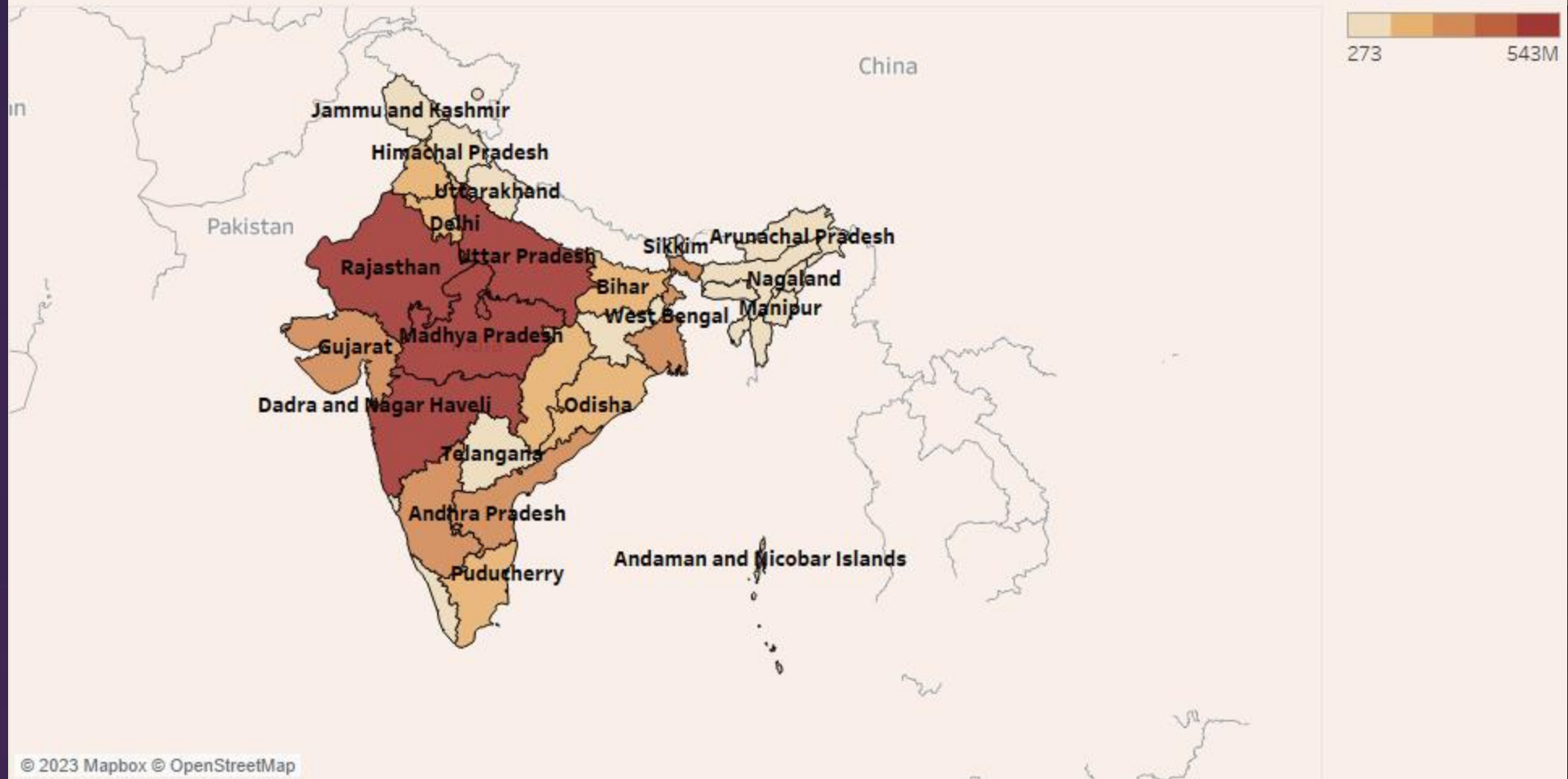
**C.Dayana-22421201003**

**Guided by :  
Mrs.K.Radha**

# Insights into India's Agricultural Crop Production

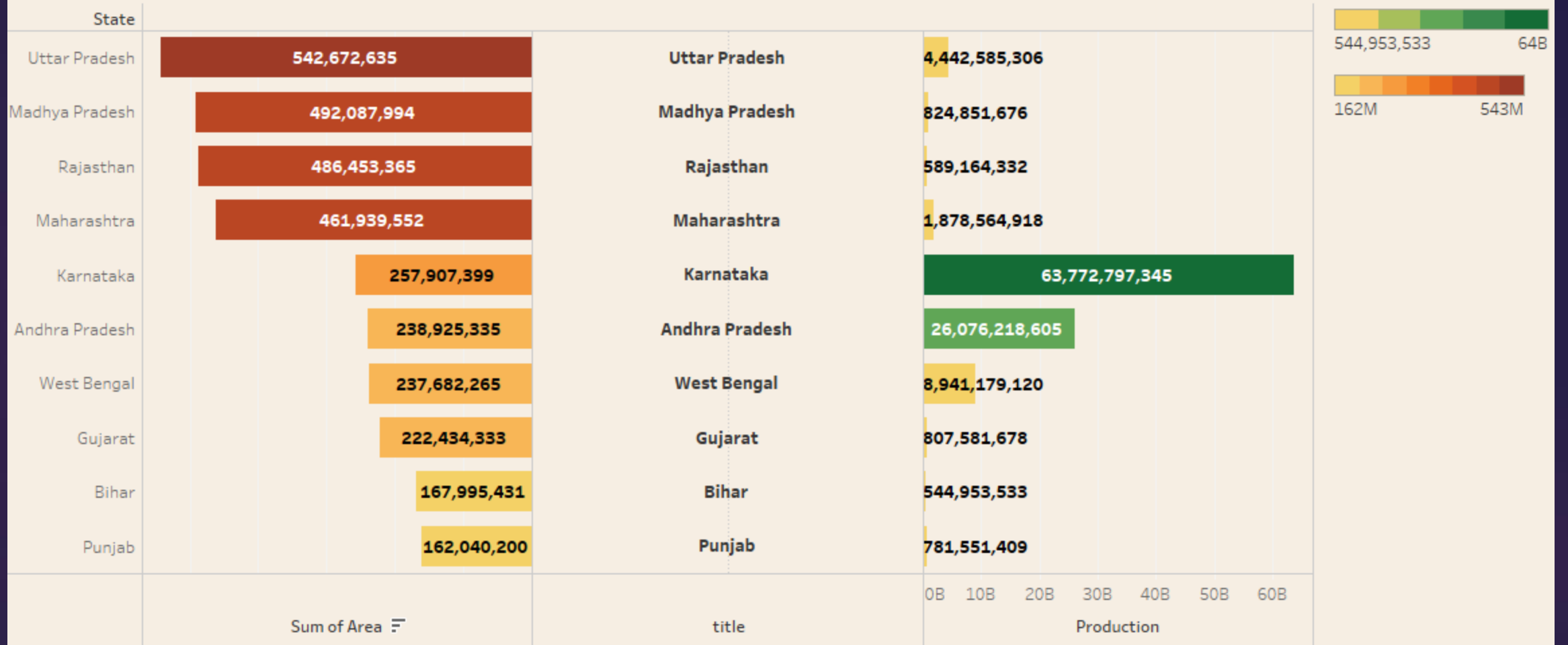
- ▶ **Statewide Agricultural land**
- ▶ **Area VS Production**
- ▶ **Season Based Cultivation by Area**
- ▶ **Yield by season**
- ▶ **Crop plantation by area**
- ▶ **Major crops by growth**
- ▶ **Season wise crop production**
- ▶ **Crops by Plantation**
- ▶ **Dashboard**
- ▶ **Story**

## Statewise Agricultural land



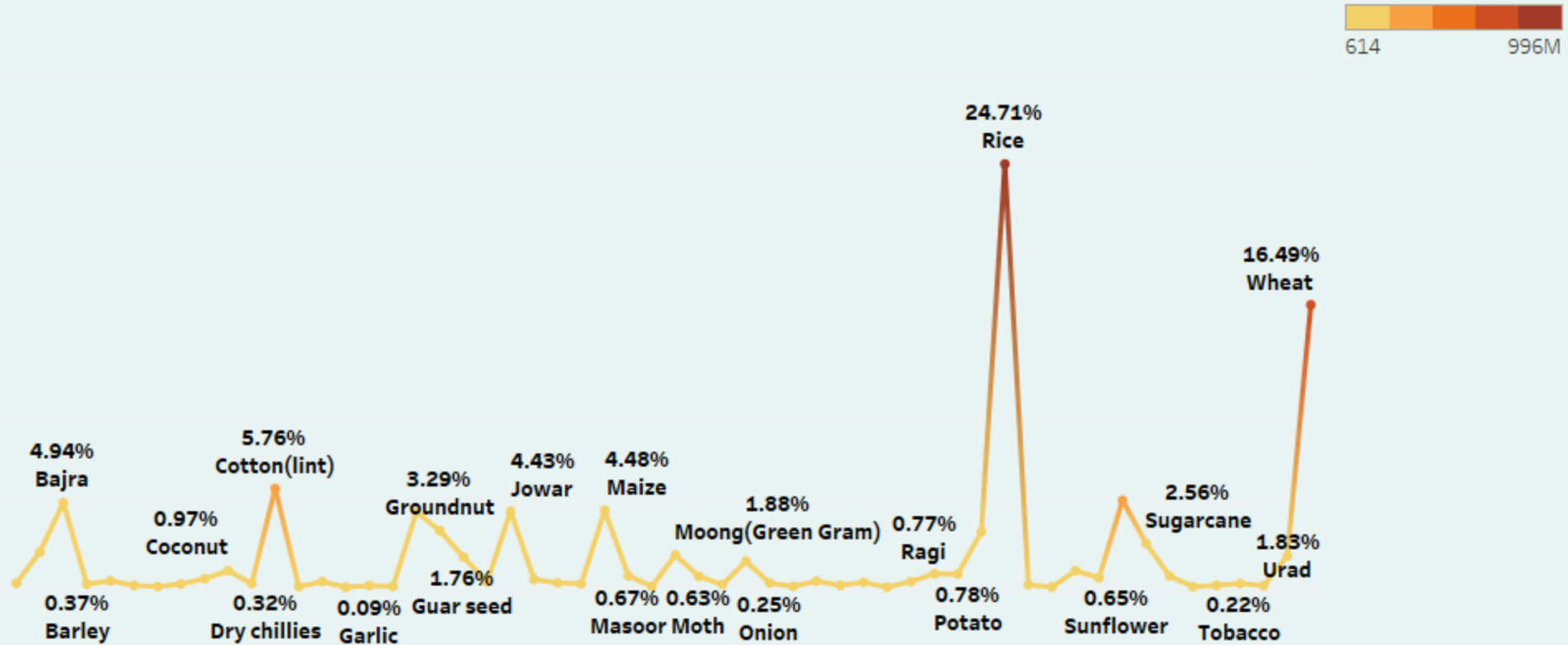
Map based on Longitude (generated) and Latitude (generated). Color shows sum of Area. The marks are labeled by State. Details are shown for State. The view is filtered on State, which keeps 36 of 36 members.

## Area VS Production



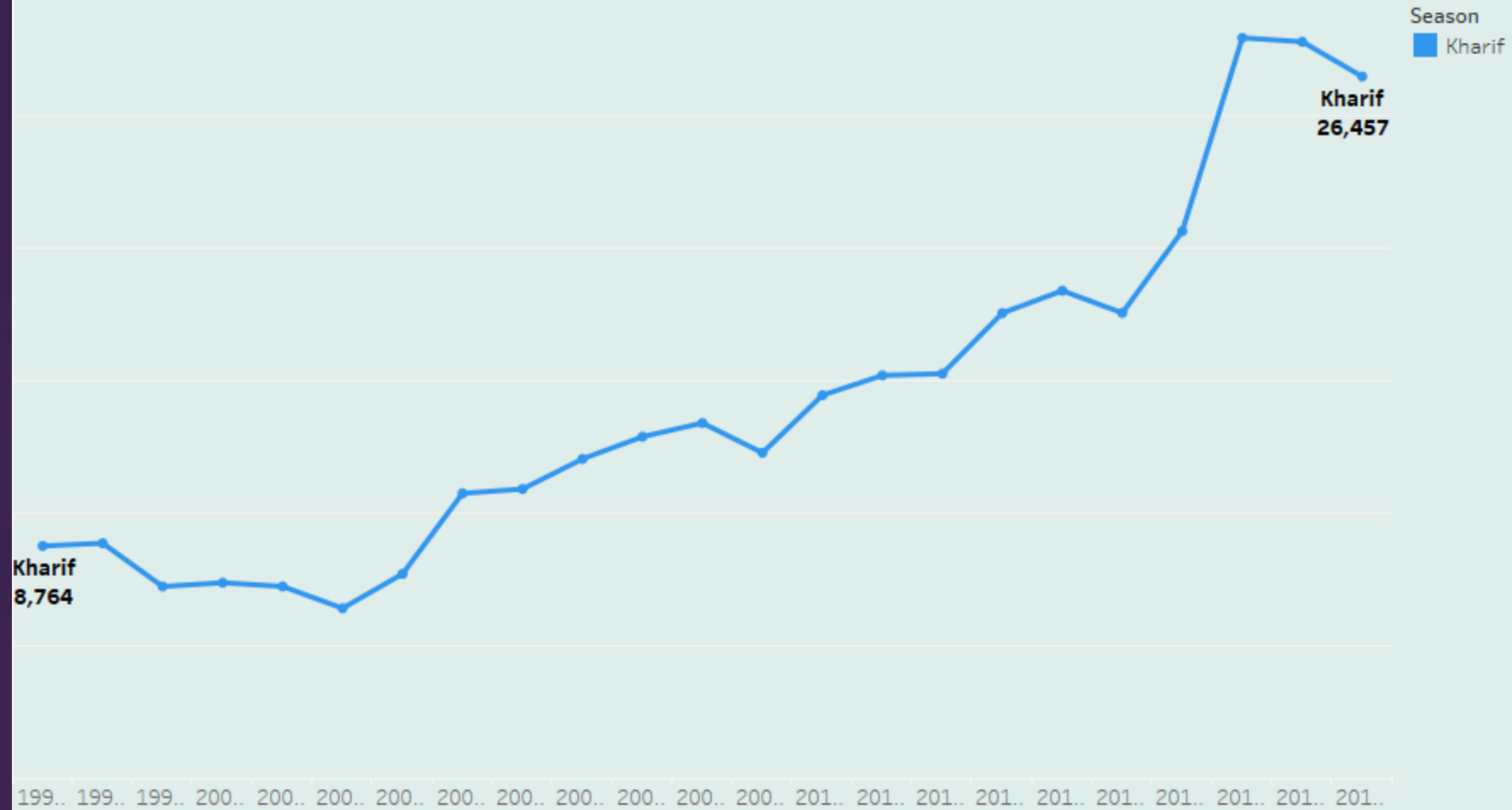
Sum of Area, sum of Zero line and sum of Production for each State. For pane Sum of Area: Color shows sum of Area. The marks are labeled by sum of Area. For pane Sum of Production: Color shows sum of Production. The marks are labeled by sum of Production. The view is filtered on State, which keeps 10 of 36 members.

## Season based cultivation Area



The trend of sum of Area for Crop. Color shows sum of Area. The marks are labeled by % of Total Sum of Area and Crop. The data is filtered on Season, which keeps 7 of 7 members.

## Yield by Seasons



The trend of sum of Yield for Year. Color shows details about Season. The marks are labeled by Season and sum of Yield. The view is filtered on Year, Season and sum of Yield. The Year filter excludes 2020-21. The Season filter keeps Kharif. The sum of Yield filter keeps non-Null values only.

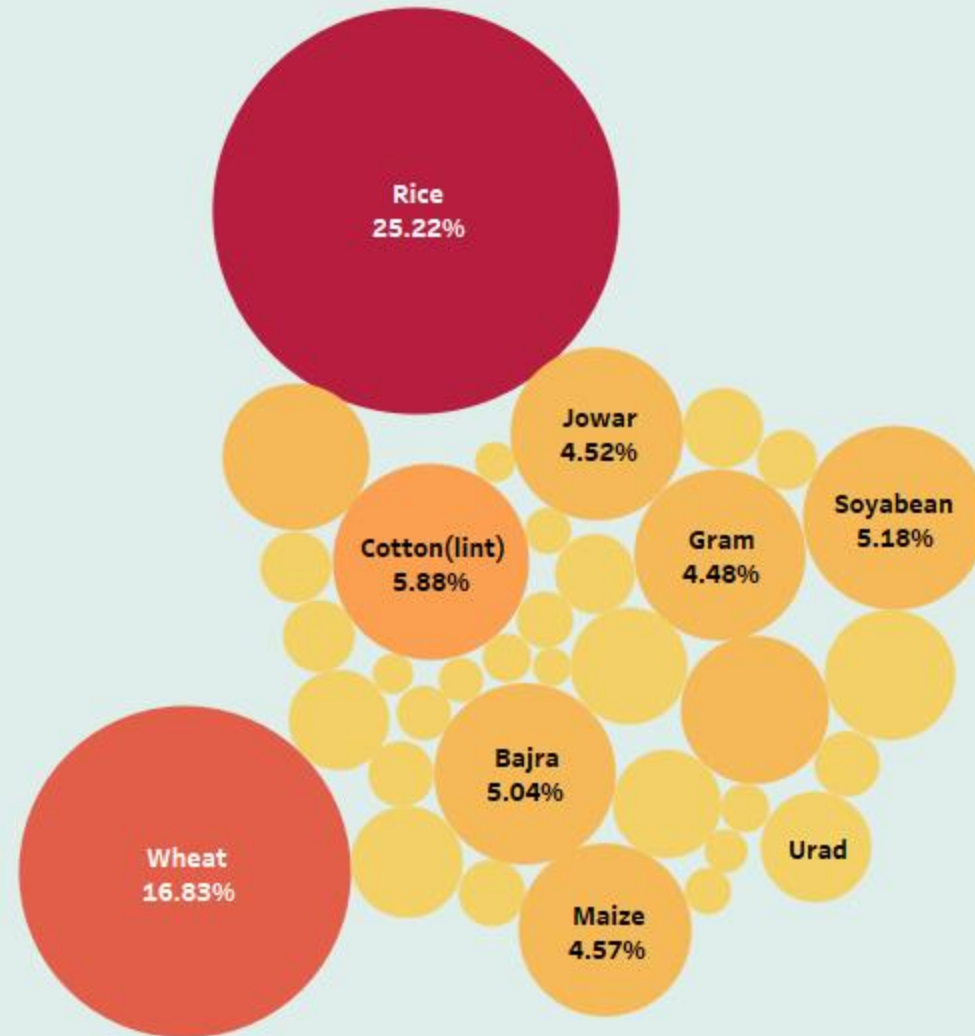
## Major crops



Sum of Production for each Year. Color shows details about Crop. The marks are labeled by % of Total Production. The view is filtered on Crop, which keeps Rice, Sugarcane and Wheat.



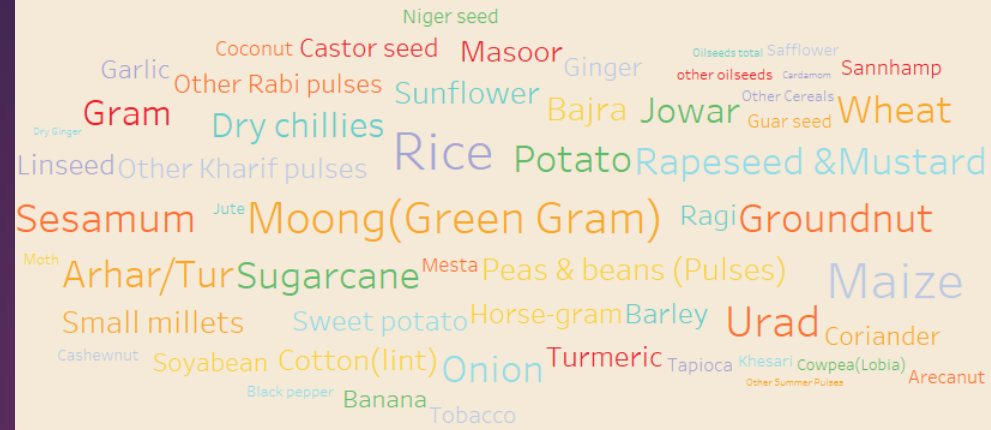
## Crop Plantation by Area



8,868,687 996M

Crop and % of Total Sum of Area. Color shows sum of Area. Size shows sum of Area. The marks are labeled by Crop and % of Total Sum of Area. The view is filtered on Crop, which keeps 35 of 57 members.

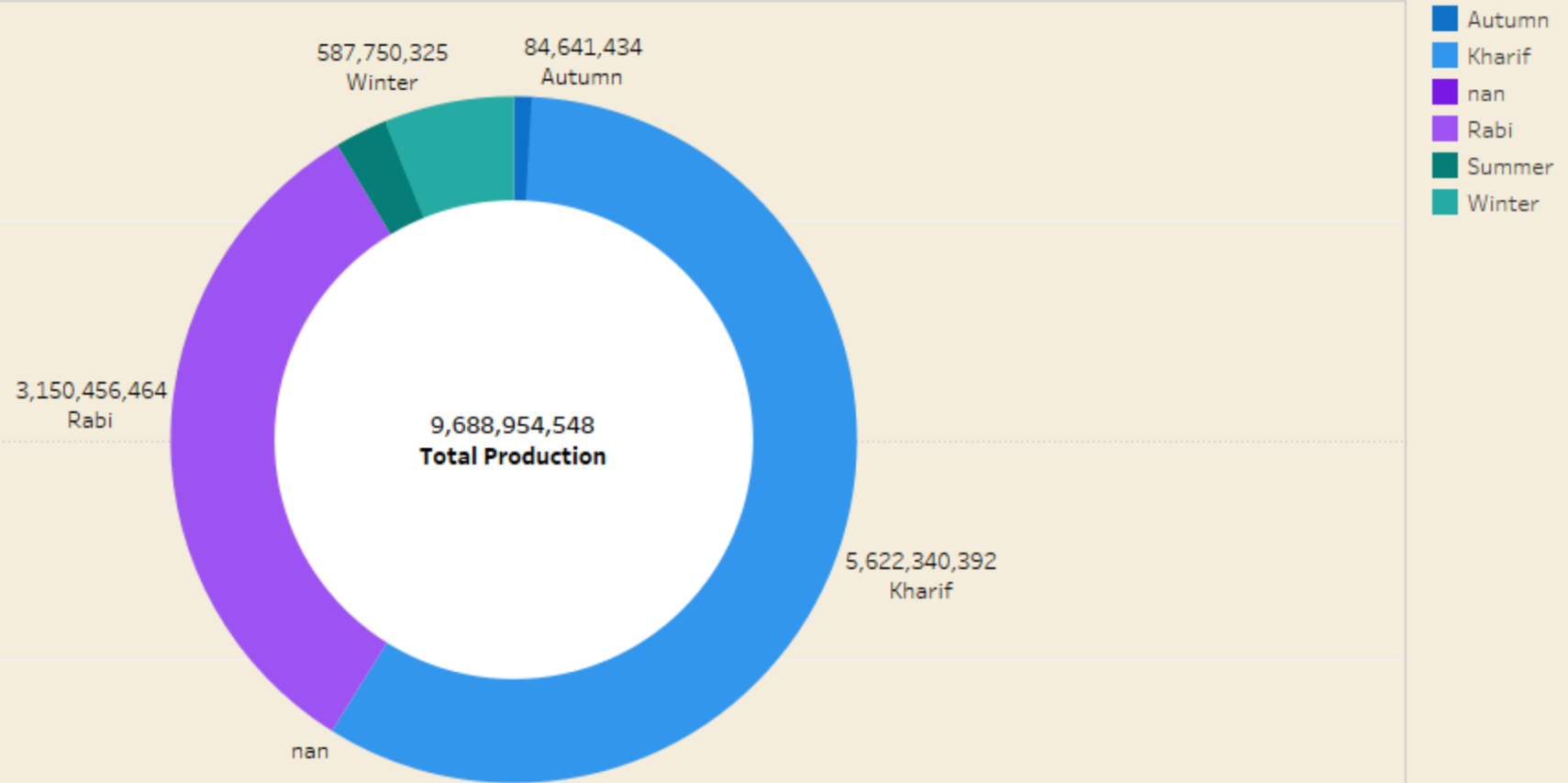
## Crops(Plantation by count)



Crop. Color shows details about Crop. Size shows count of Crop.

- Crop
- Null
- Arecanut
- Arhar/Tur
- Bajra
- Banana
- Barley
- Black pepper
- Cardamom
- Cashewnut
- Castor seed
- Coconut
- Coriander
- Cotton(lint)
- Cowpea(Lobia)
- Dry chillies
- Dry Ginger
- Garlic
- Ginger
- Gram
- Groundnut
- Guar seed
- Horse-gram
- Jowar
- Jute
- Khesari
- Linseed
- Maize
- Masoor
- Mesta
- Moong(Green Gram)
- Moth
- Niger seed
- Oilseeds total
- Onion
- Other Cereals
- Other Kharif pulses
- other oilseeds
- Other Rabi pulses
- Other Summer Pulses
- Peas & beans (Pulses)
- Potato
- Ragi
- Rapeseed & Mustard
- Rice
- Safflower
- Sannhamp
- Sesamum
- Small millets
- Soyabean
- Sugarcane
- Sunflower
- Sweet potato
- Tapioca
- Tobacco
- Turmeric
- Urad
- Wheat

## Season wise Production



Sum of zero and sum of zero. For pane Sum of zero: Color shows details about Season. The marks are labeled by sum of Production and Season. The view is filtered on Season, which excludes Whole Year.

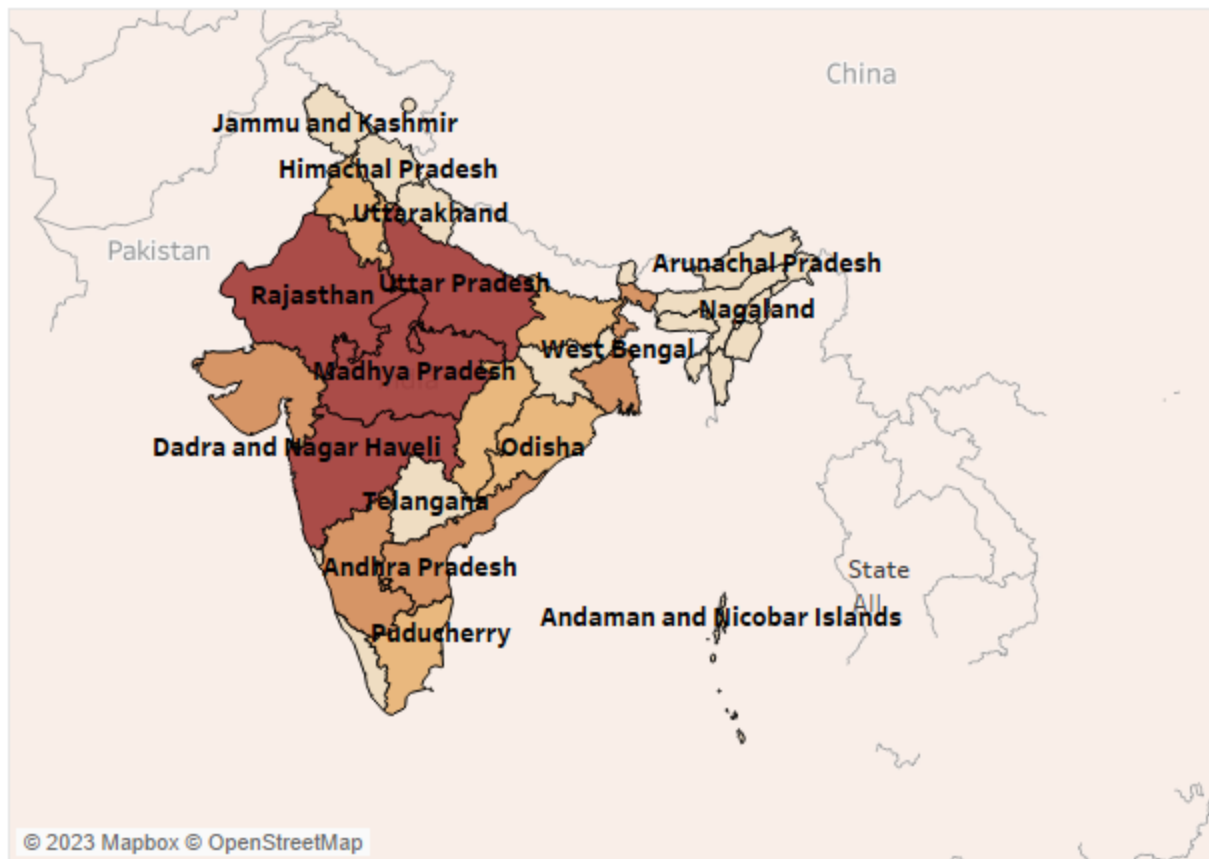
#### KPI'S

4,030,580,636  
326,242,956,201

Sum of Area and sum  
of Production broken  
down by Measure  
Names.

## Area in across region- wise

### Statewise Agricultural land

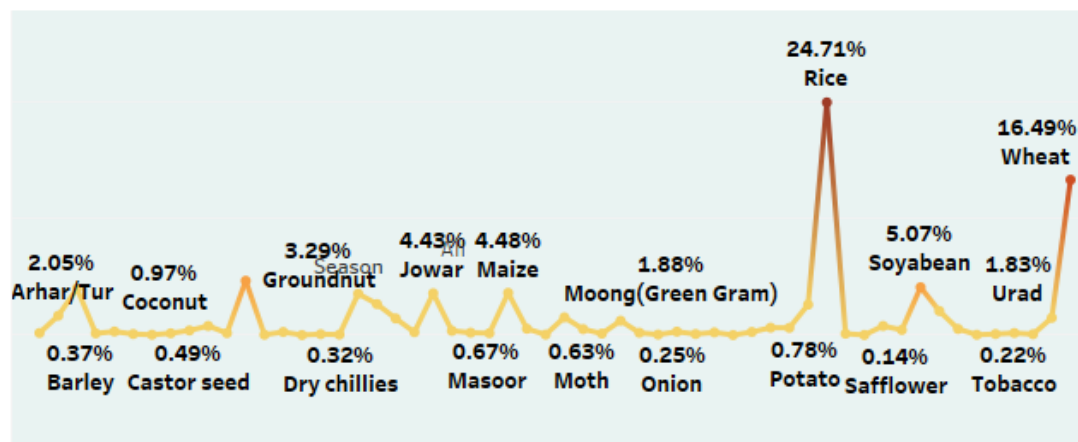


### Area VS Production

State			
Uttar Pradesh	542,672,635	Uttar Pradesh	4,442,585,306
Madhya Pradesh	492,087,994	Madhya Pradesh	324,851,676
Rajasthan	486,453,365	Rajasthan	589,164,332
Maharashtra	461,939,552	Maharashtra	1,878,564,918
Karnataka	257,907,399	Karnataka	63,772,797,345
Andhra Pradesh	238,925,335	Andhra Pradesh	26,076,218,605
West Bengal	237,682,265	West Bengal	8,941,179,120
Gujarat	222,434,333	Gujarat	807,581,678
Bihar	167,995,431	Bihar	544,953,533
Punjab	162,040,200	Punjab	781,551,409
	Sum of Area	title	0B 20B 40B 60B Production

## Production in tonnes region wise

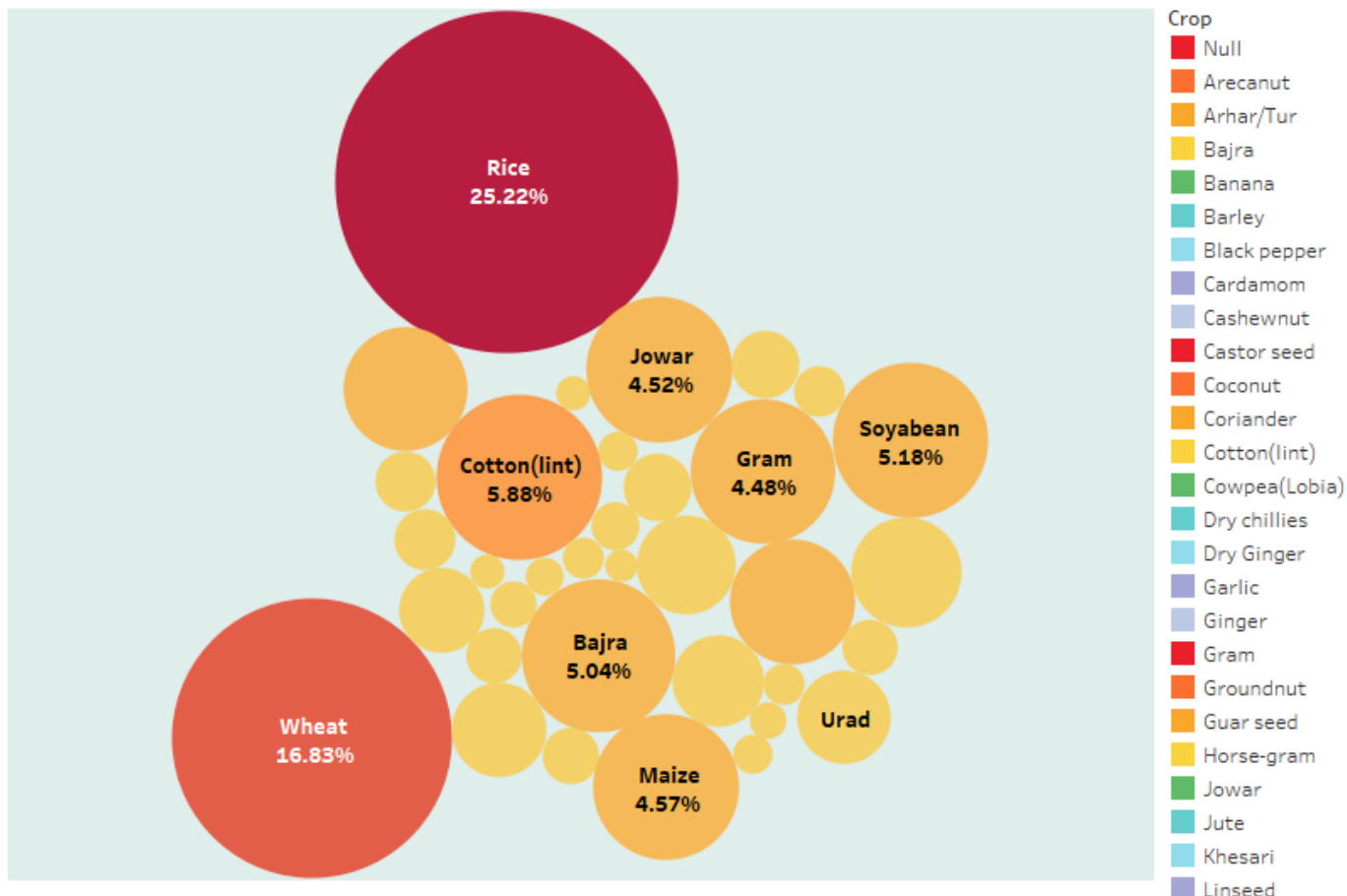
### Season based cultivation Area



### Crops(Plantation by count)



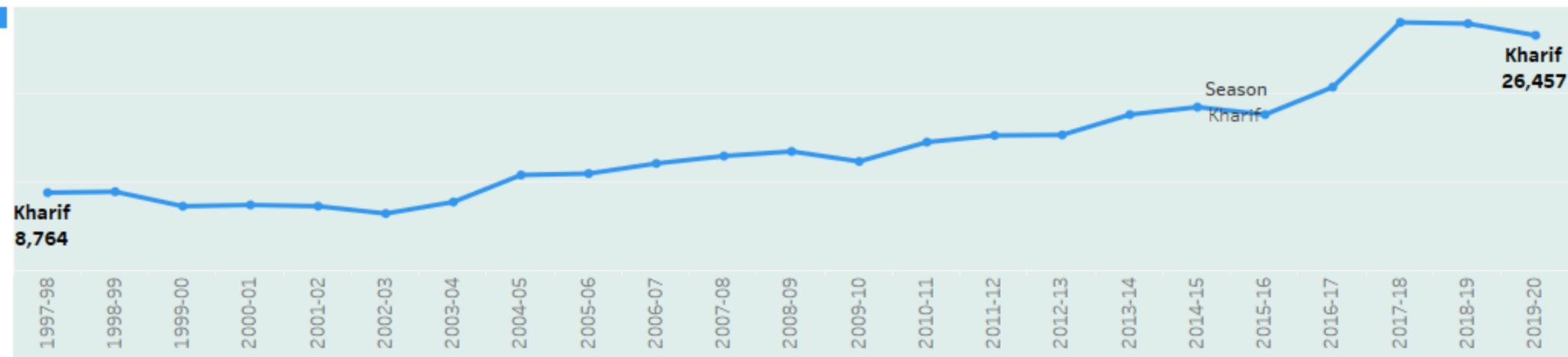
## Crop Plantation by Area



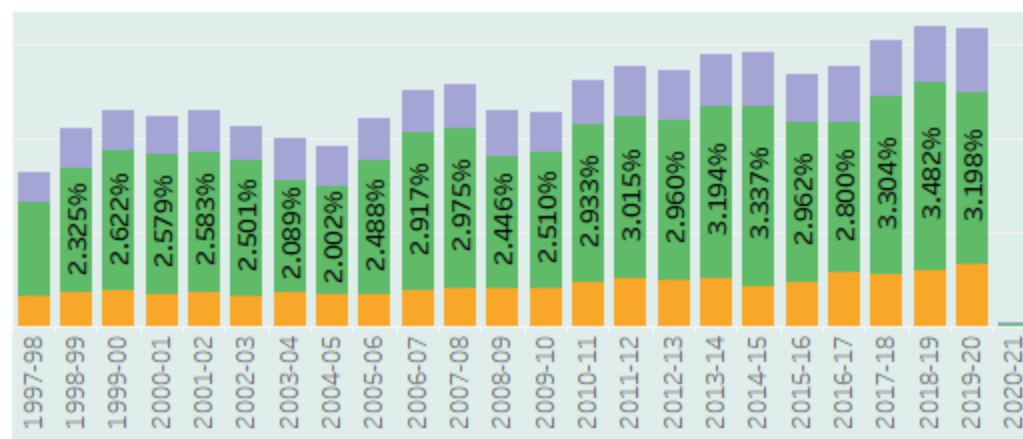
Crop      Rice      Sugarcane      Wheat

Season

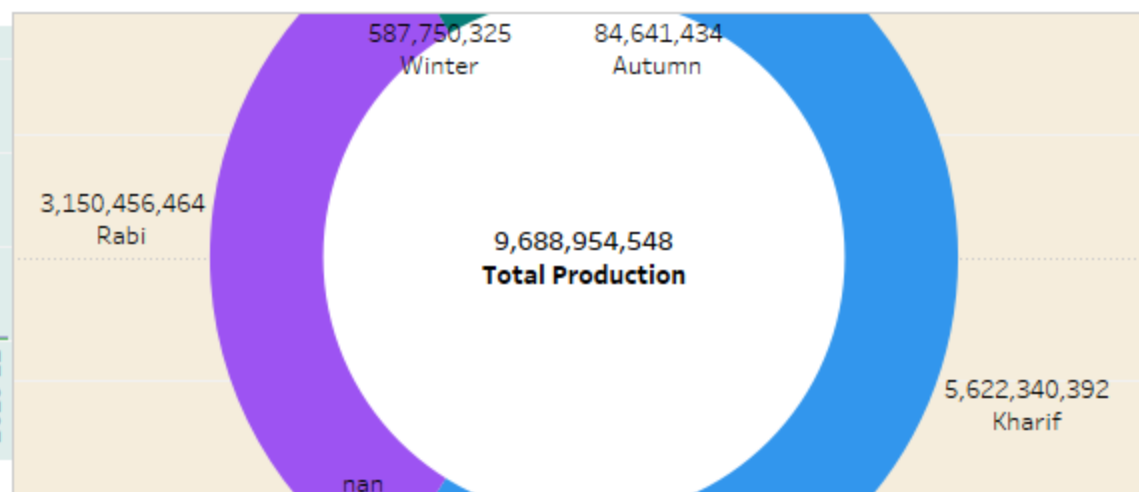
## Yield by Seasons



## Major crops



## Season wise Production



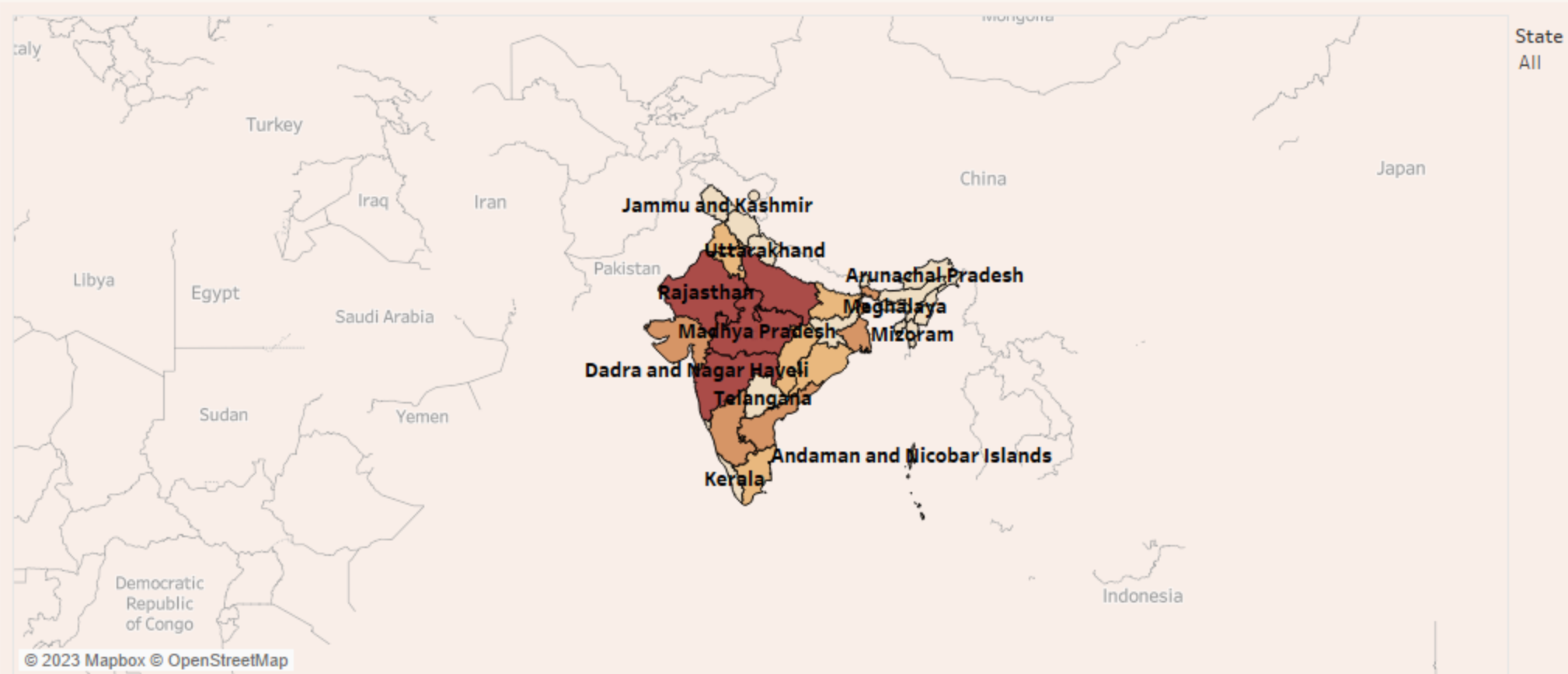
# Insights into India 's Agricultural cultivation

INDIAN STATES  
VISUALIZING THE  
AREA : Analysis all th..

AREA VS PRODUCTION  
: Analysis the  
difference between a..

SEASON BASED  
CULTIVATION: the  
crops are cultivated i..

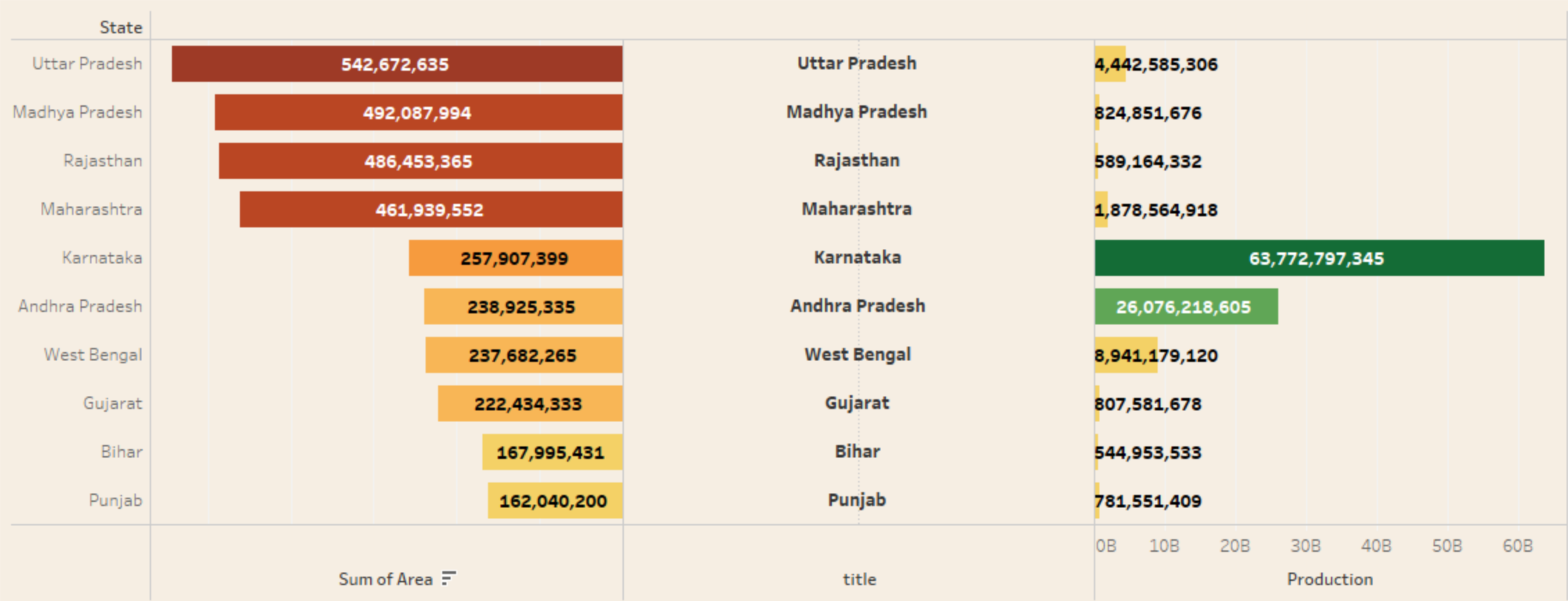
MAJOR CROPS  
CULTIVATION: Rice,  
sugarcane, wheat, mi..





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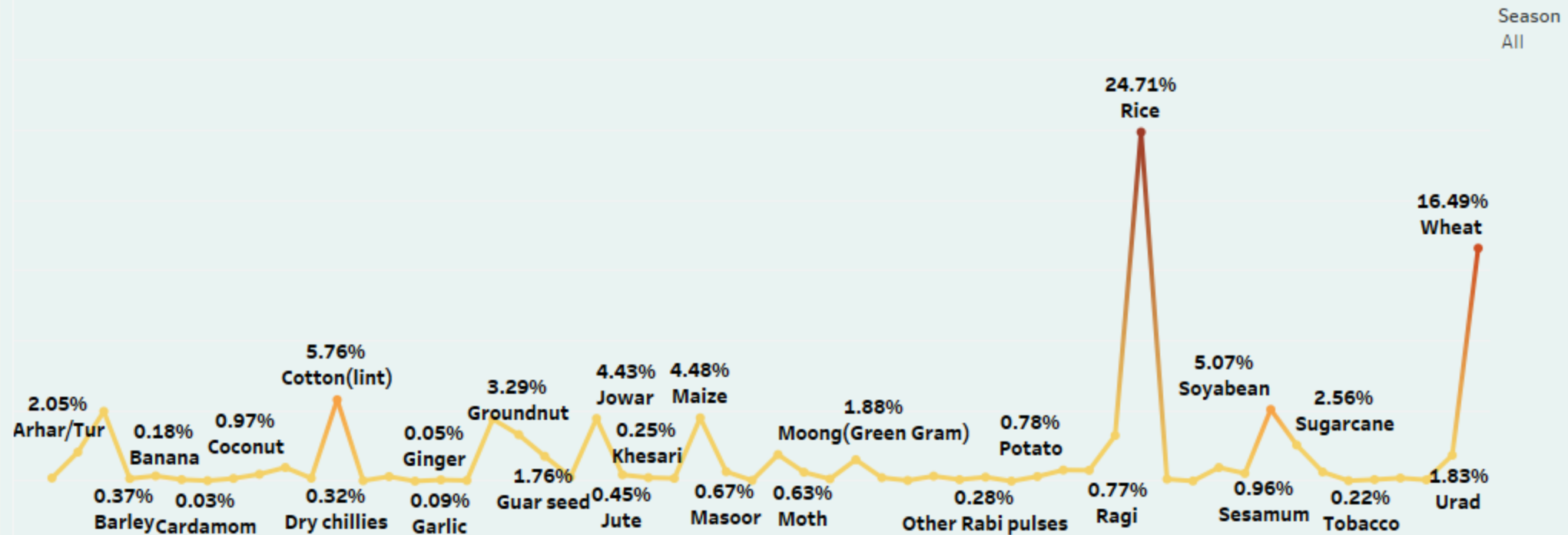
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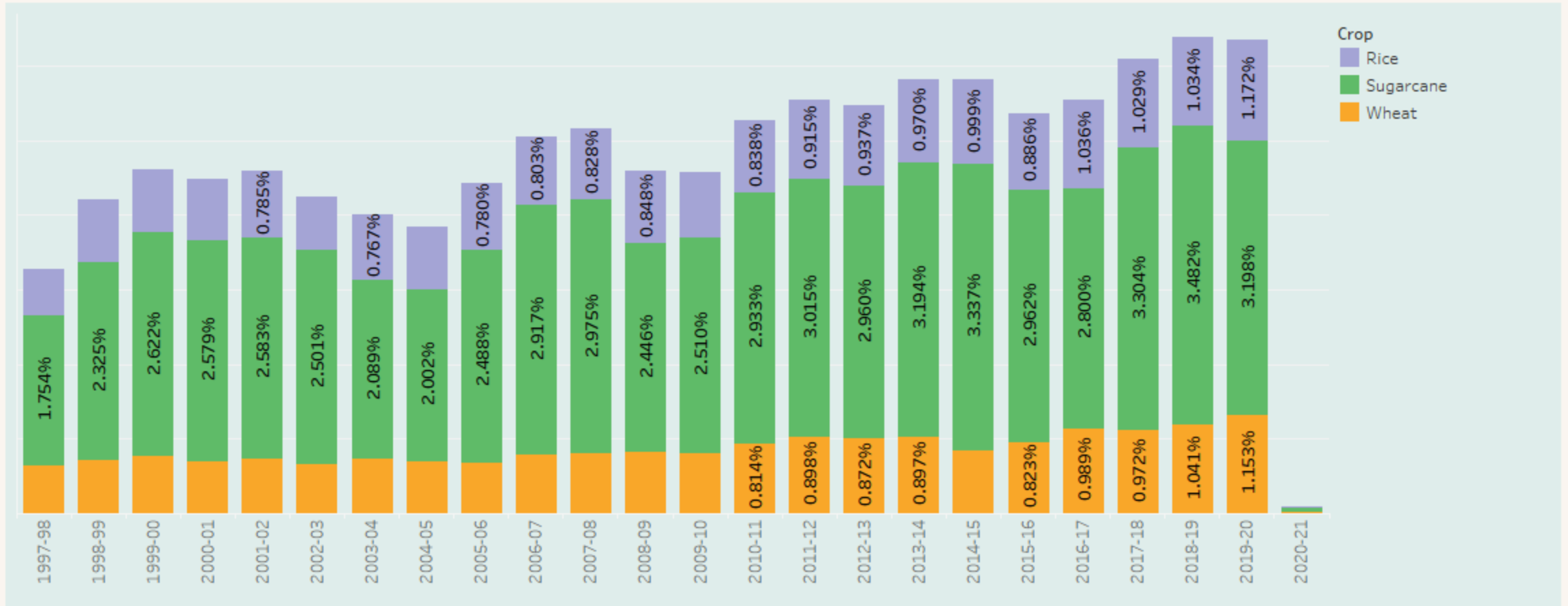
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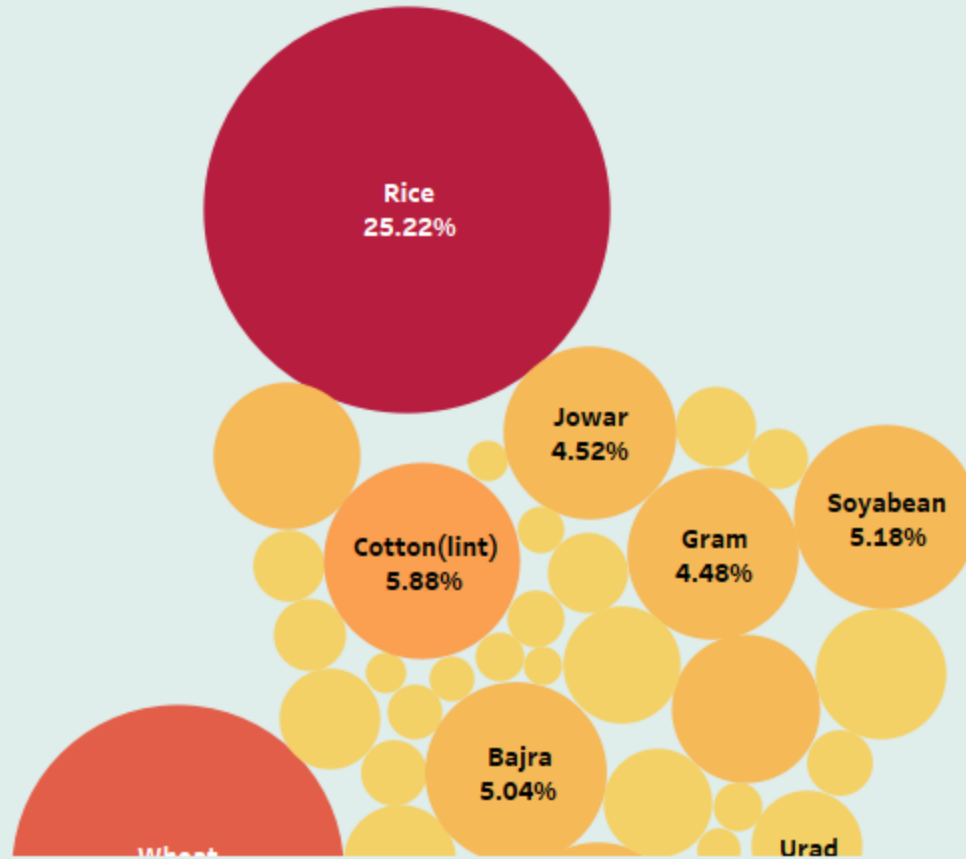
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CROP PLANTATION BY AREA: Rice is sown on the largest producer ..

YIELD BY SEASONS:Kharif season crops as a mo..

CROPS: these are the major crops cultivated in india .rice is a majo..

SEASON WISE CROP PRODUCTION: India has the three main cr..



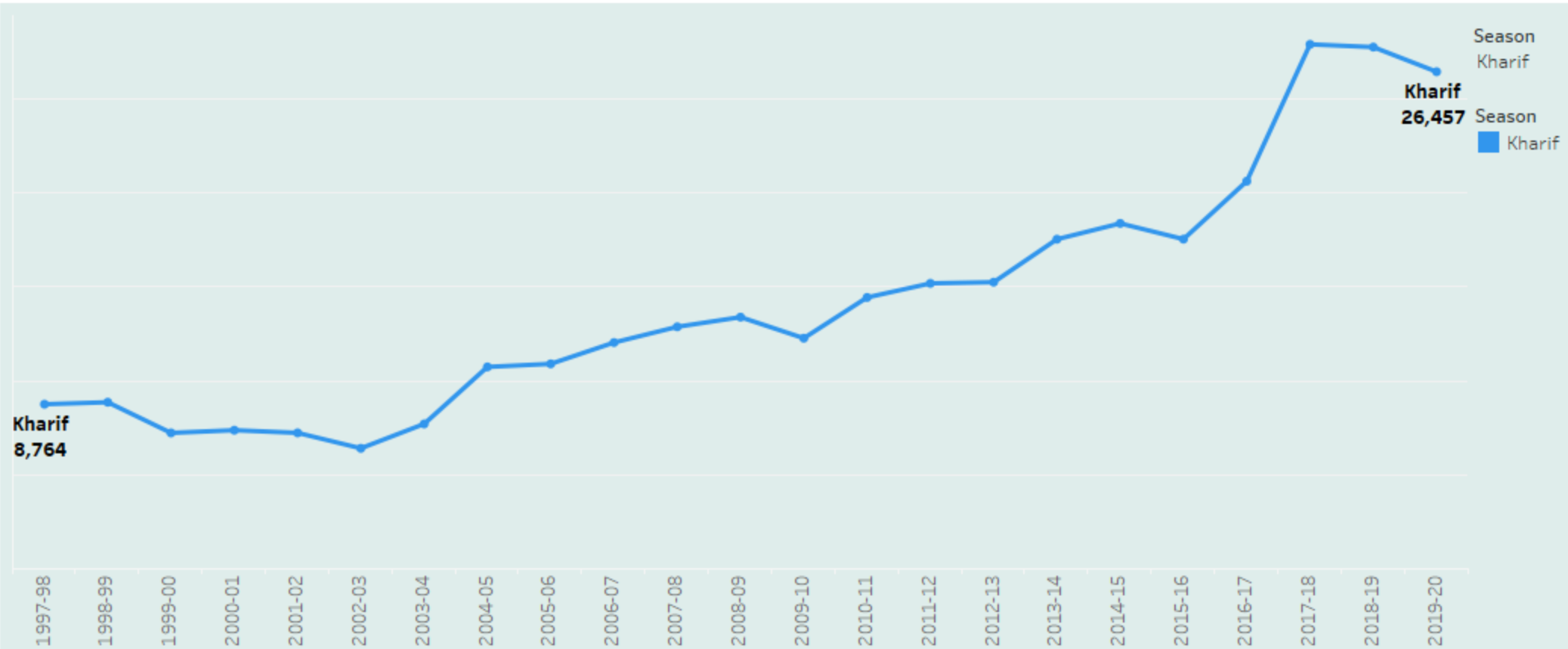
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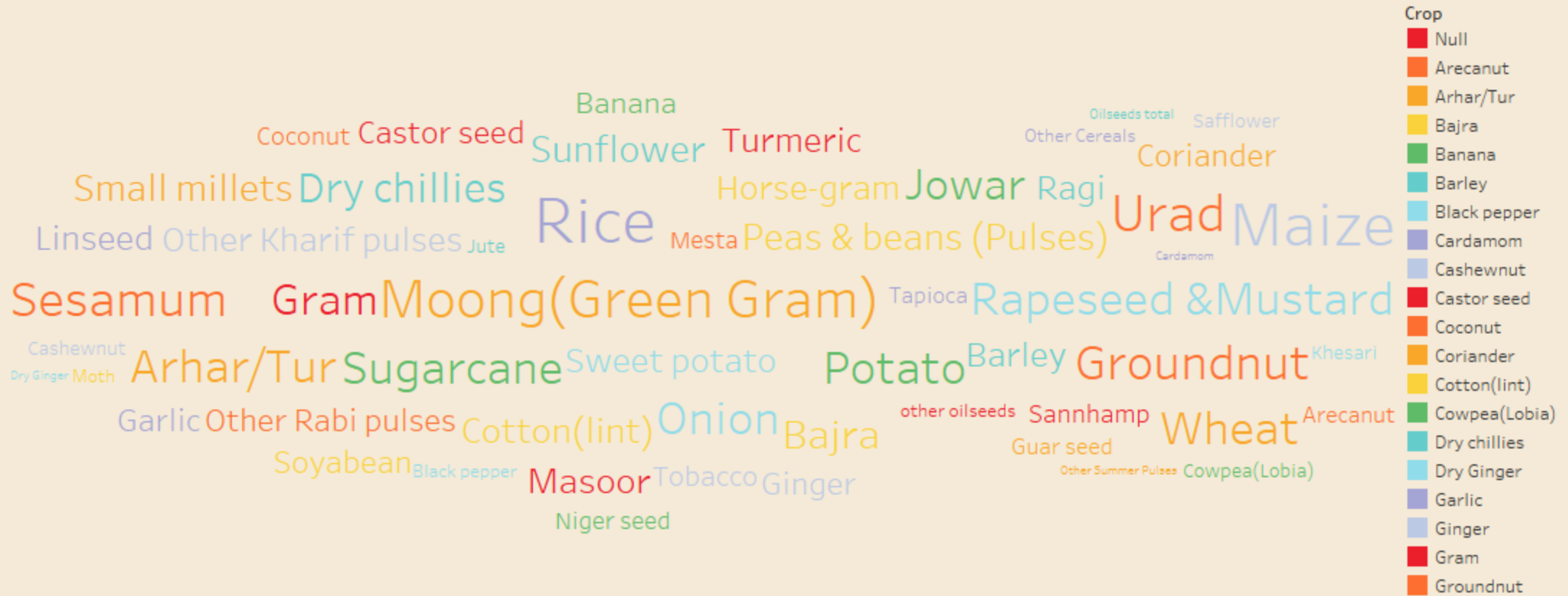
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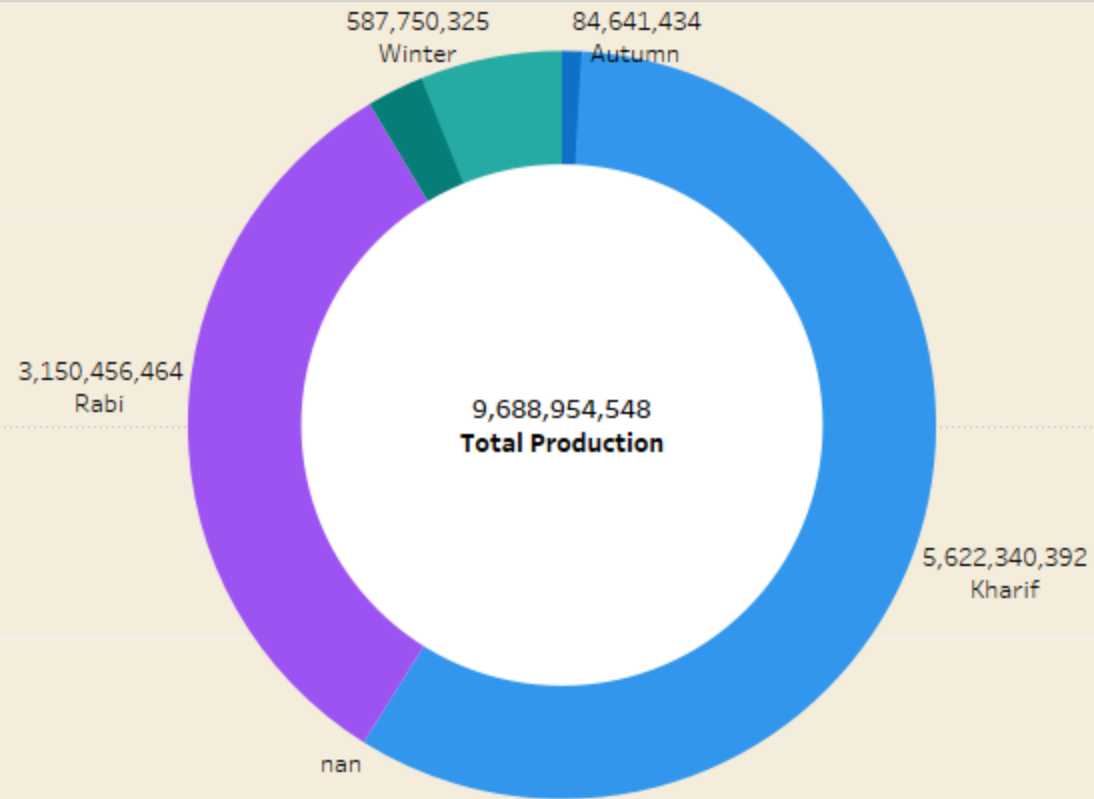
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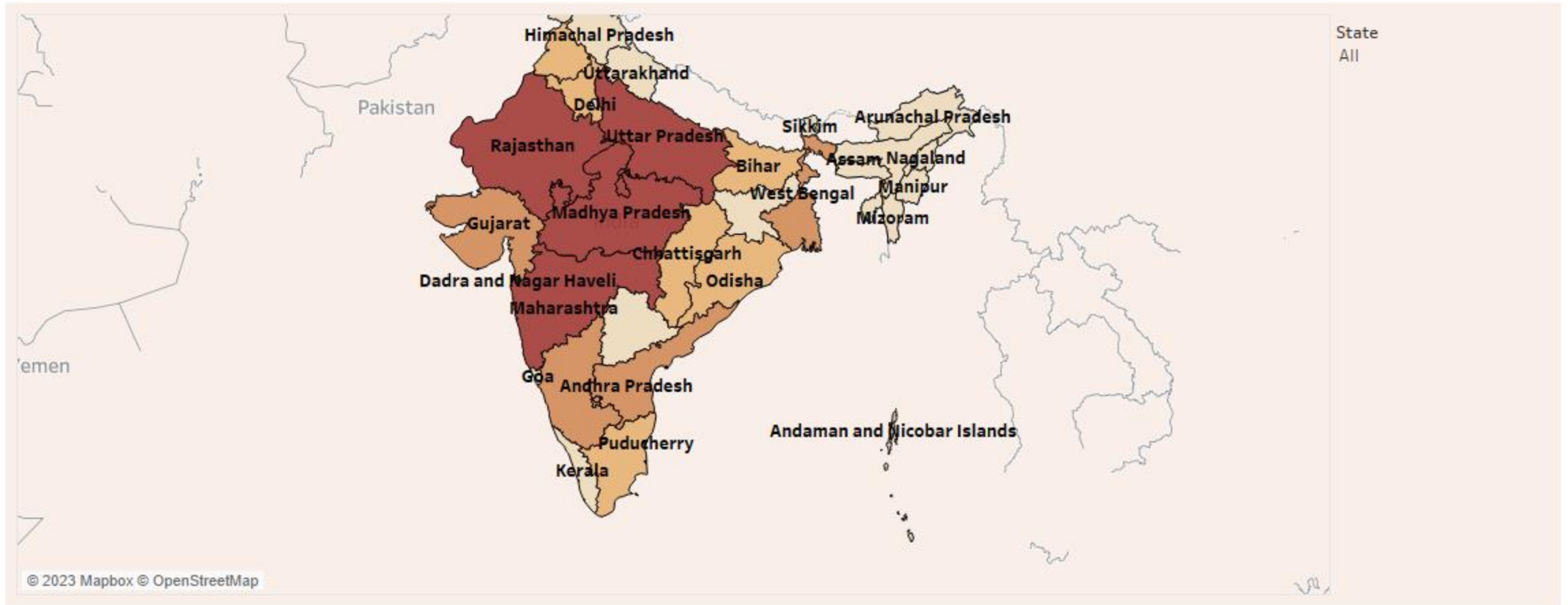
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STATEWISE  
AGRICULTURAL LAND :  
India has 28 states an..

AREA VS  
PRODUCTION: Uttar  
Pradesh has a largest..

SEASON BASED  
CULTIVATION : Rice the  
major crop and wheat..

MAJOR CROPS IN  
INDIA: during the year  
of 2019 to 2020 the p..





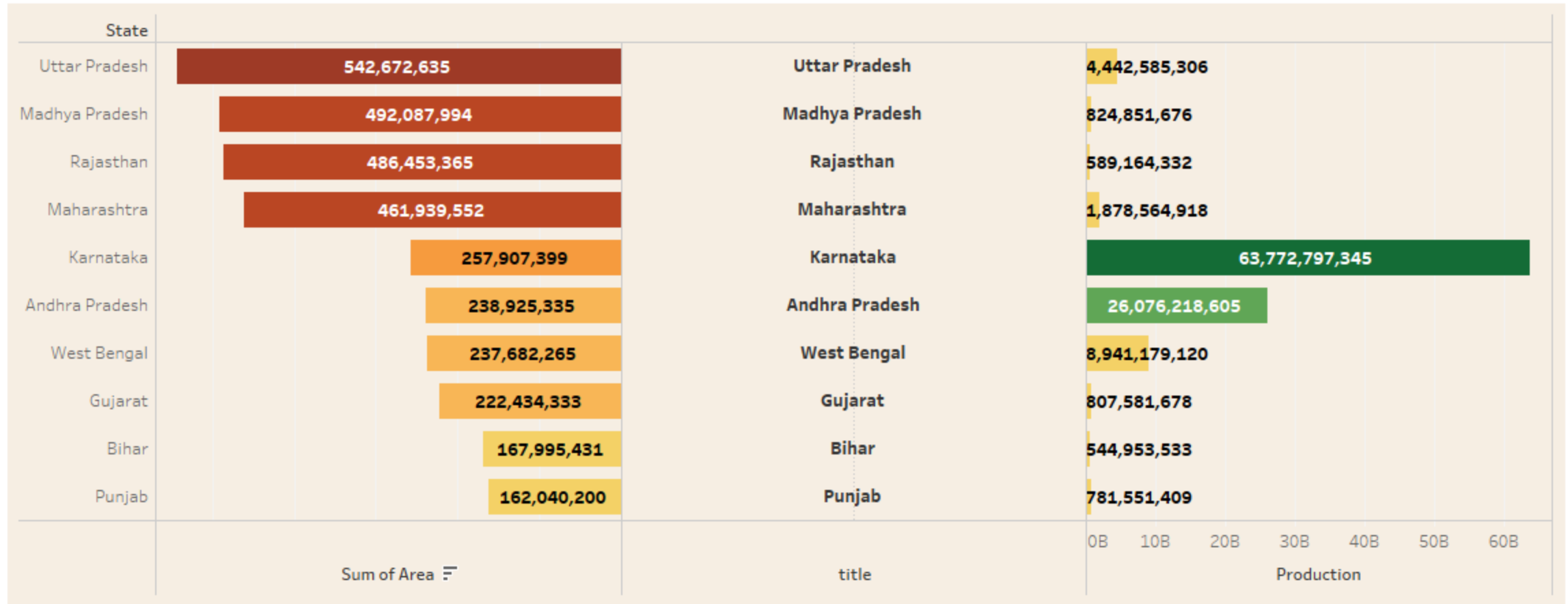
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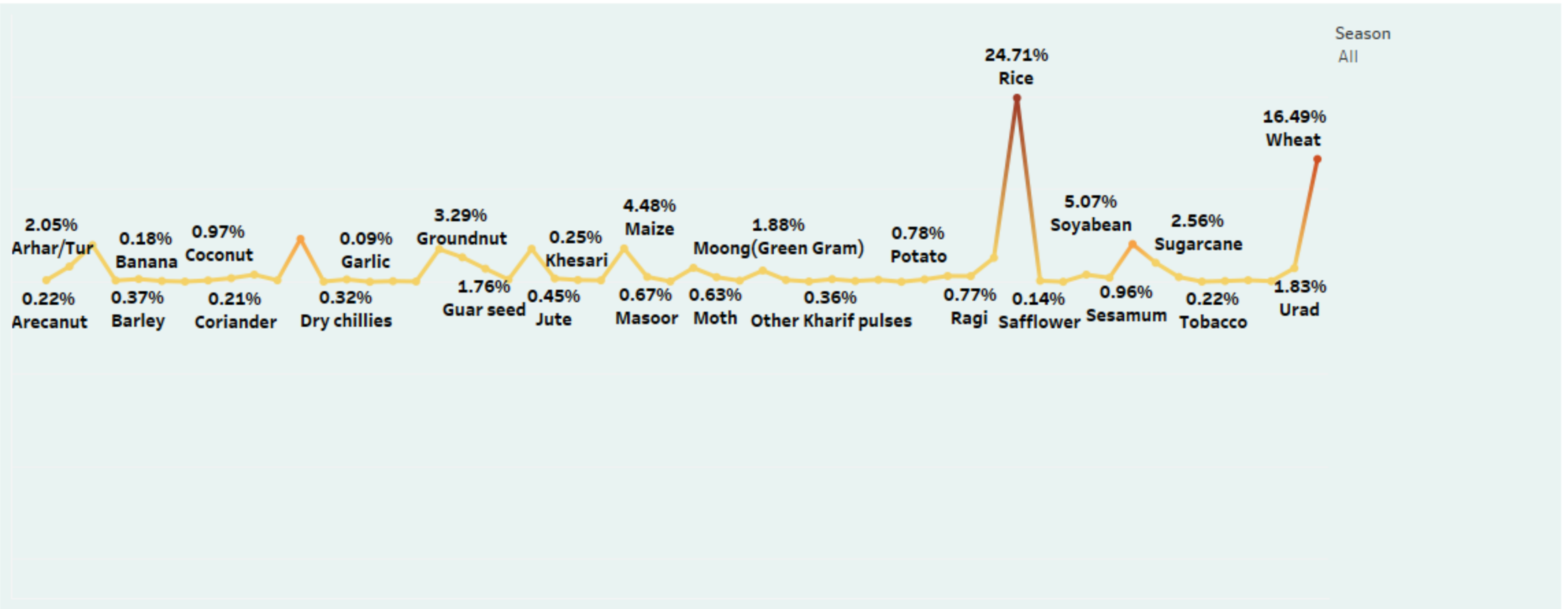
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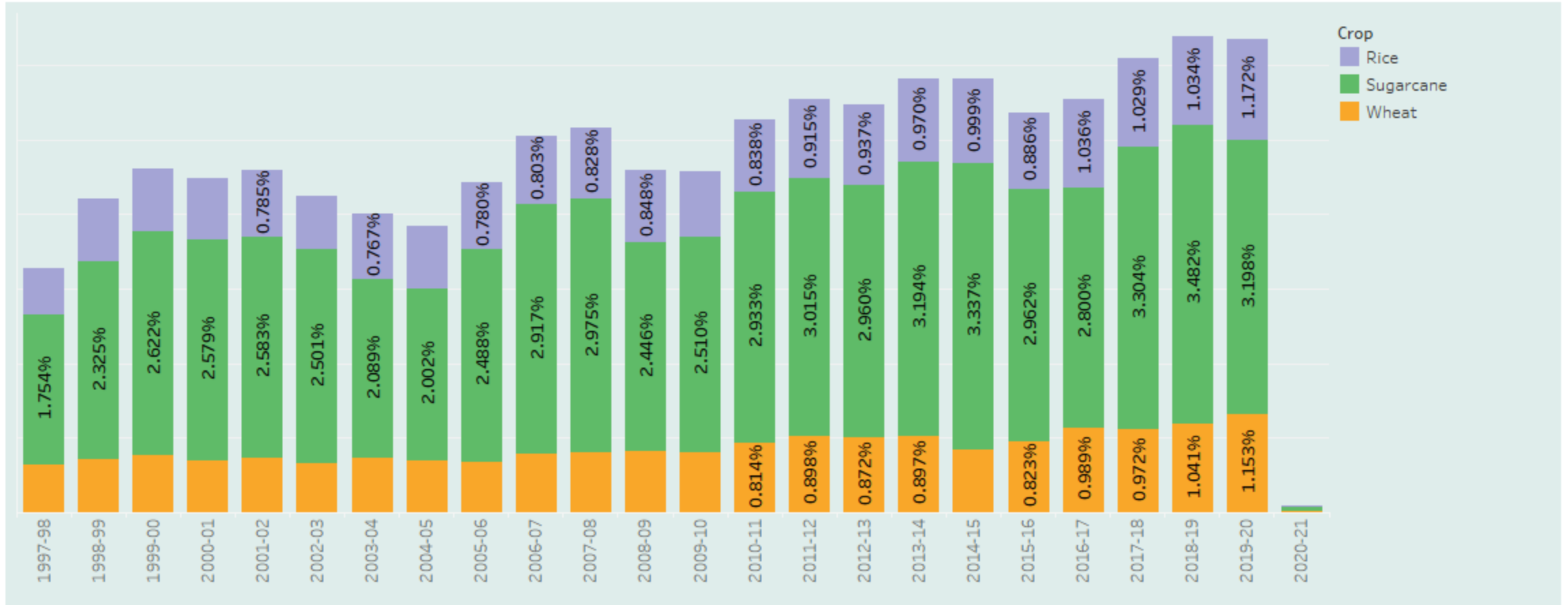
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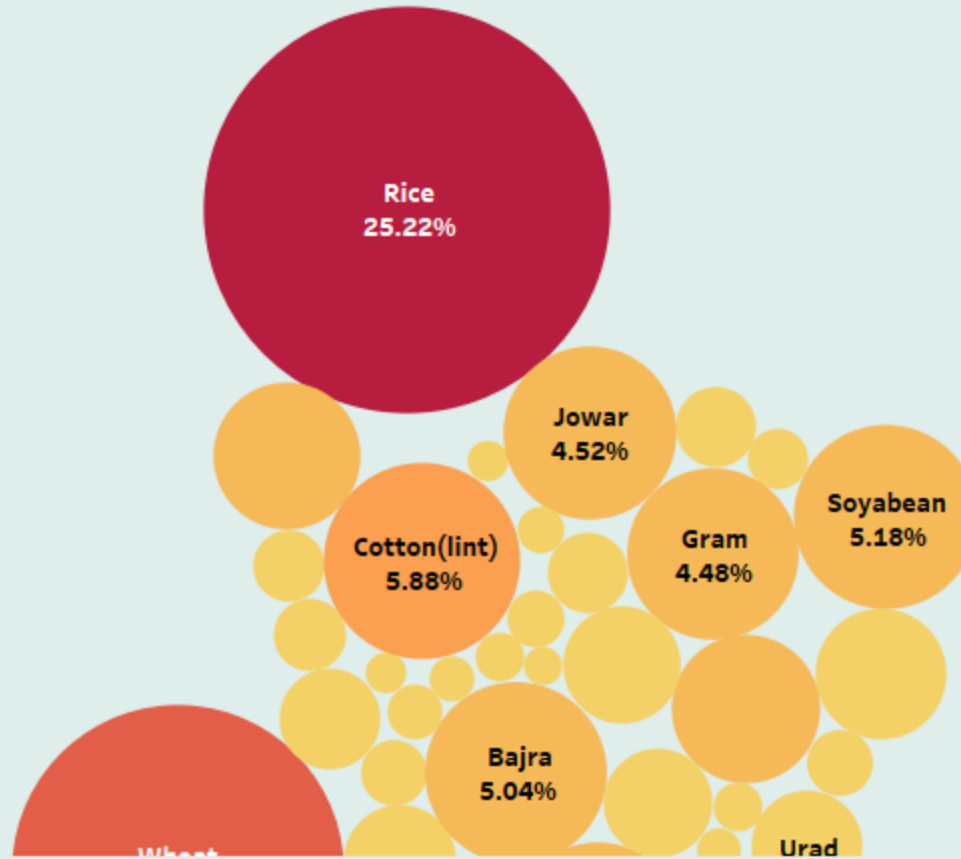
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SEASONS WISE CROP  
PRODUCTION : the  
Kharif season started..

YIELD BY SEASON  
:kharif crop are also  
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CROPS:the major crops  
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SEASON WISE  
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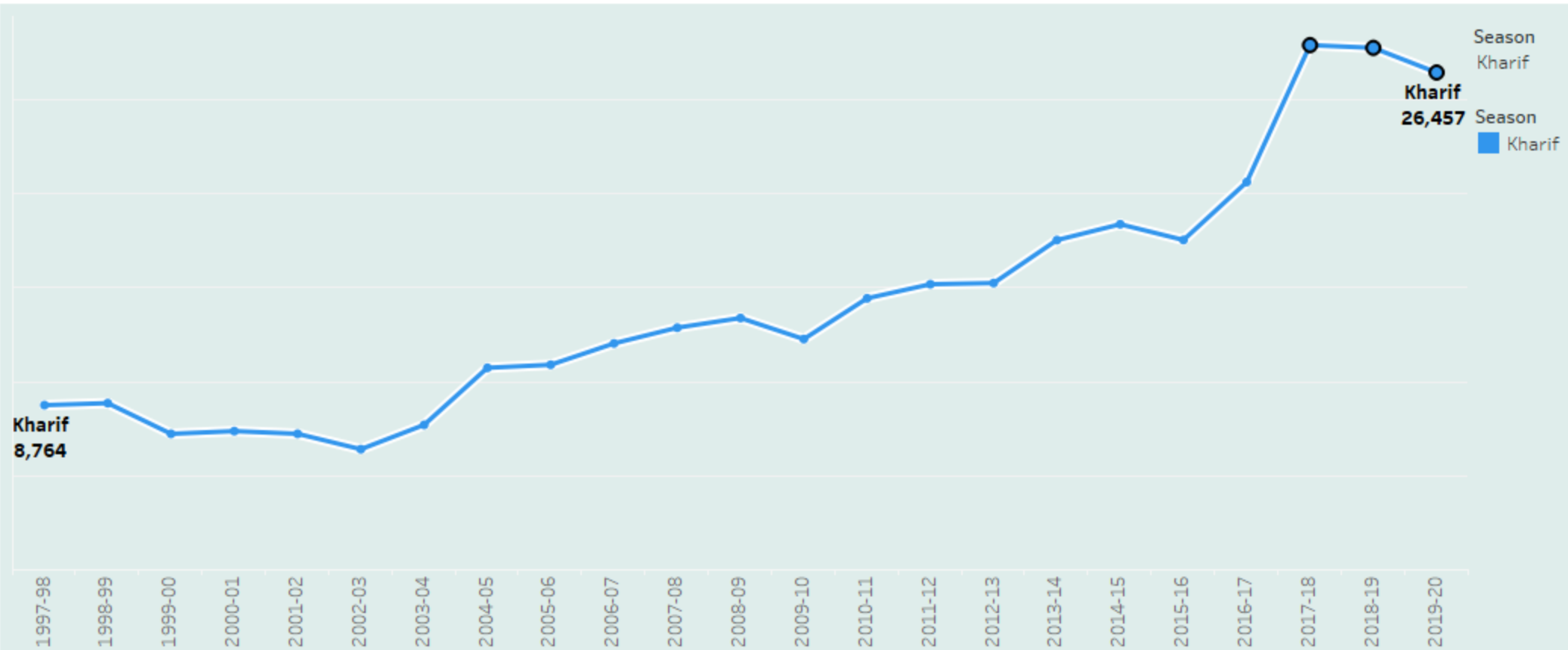
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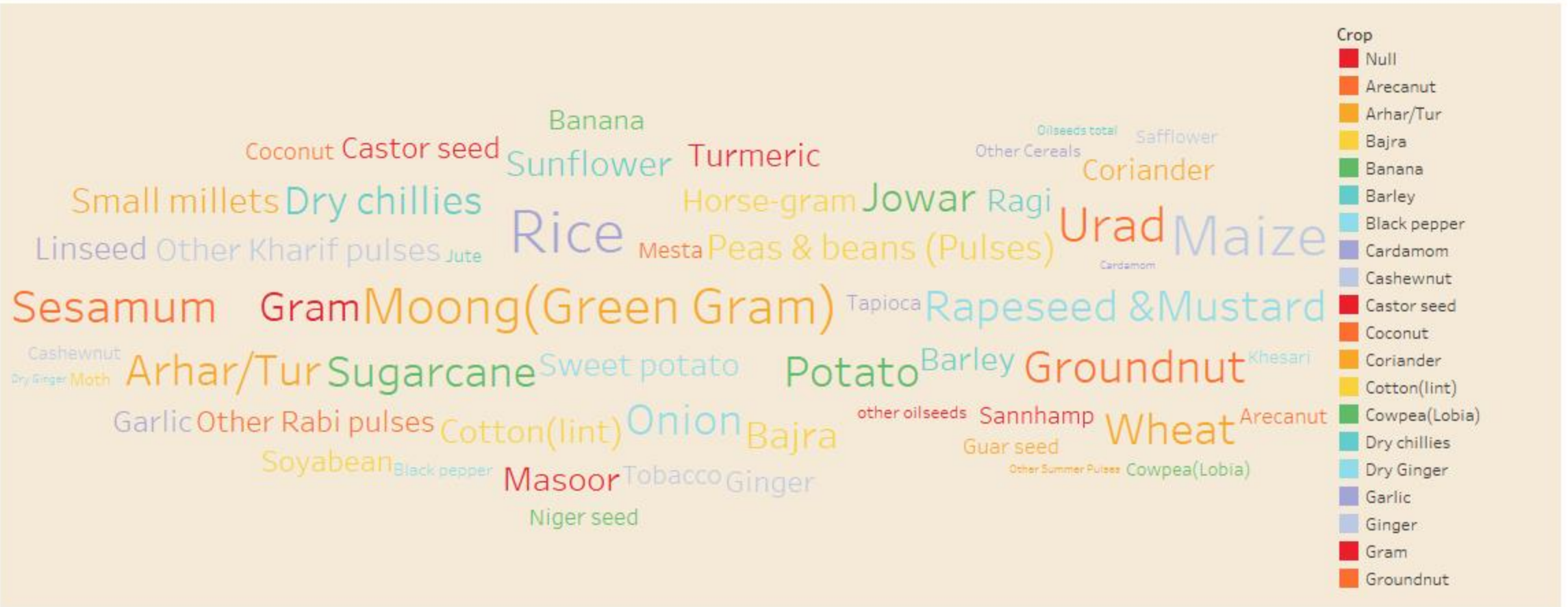
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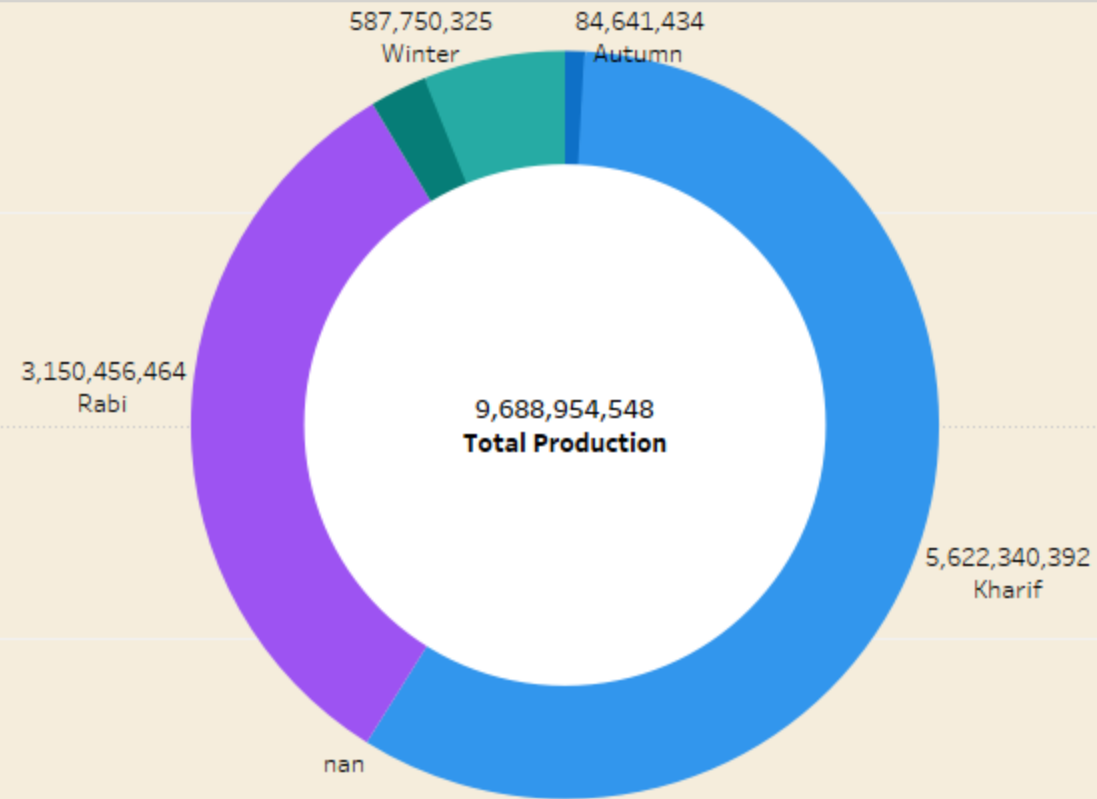
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**Thank you**

