

India's Agriculture and Analyzing Housing Prices

Submitted by

Team id

NM2023TMID25735

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812593E6CC9CFFA8AB9483AF7D3668CE
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Under the guidance of

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Madurai – 625 009

Indian Agricultural Cultural Crop Production Analysis

Project Report Template

Introduction:

i) Overview:

Agriculture is the backbone of the Indian economy. Around 58% population of India depends on agriculture. India ranks second worldwide in farm output. India is the leading producer of jute, pulses.

Agriculture and allied sectors like forestry and fisheries accounted for 13.7% of the GDP in 2013, about 50% of the workforce.

ii) Purposes:

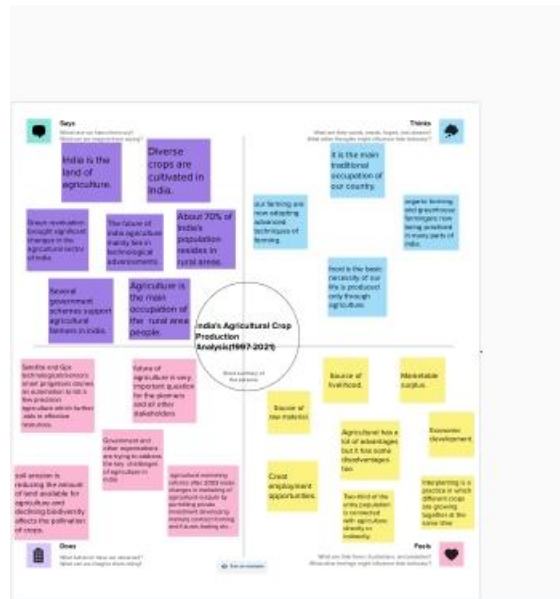
Agriculture is practiced for the purpose of producing food and other human needs. We are cultivating natural resources to sustain human life and provide economic gain. Agriculture is the foundation of the Indian economy.

iii) Achievement in agriculture:

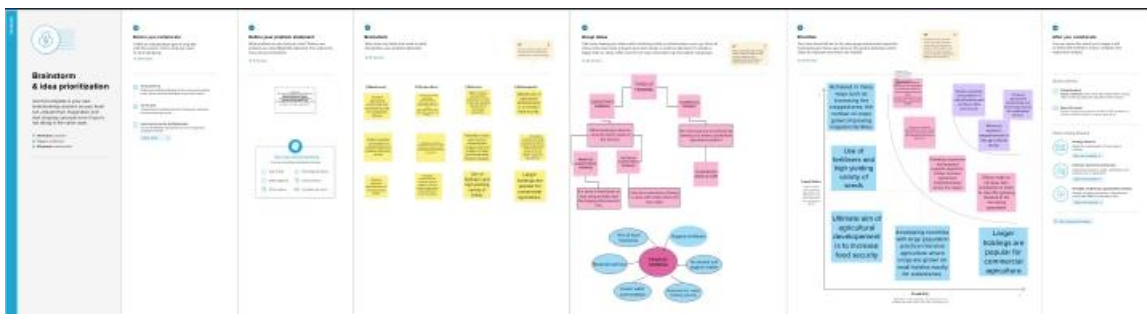
India ranks second highest worldwide in farm output. India is the largest producer of tea, mangoes, sugarcane, and banana.

Problem definition and design thinking:

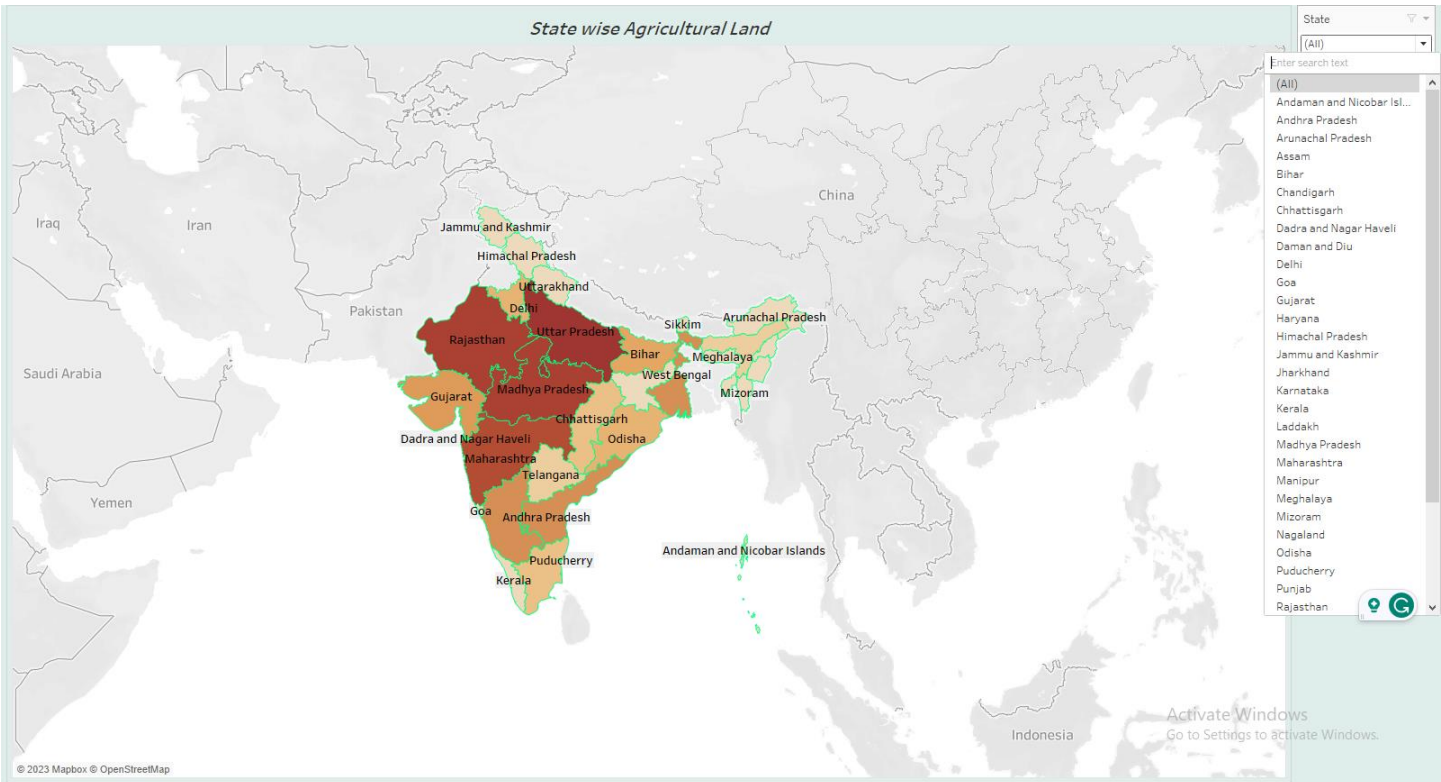
i) Empathy map:



ii) Brainstorming map:

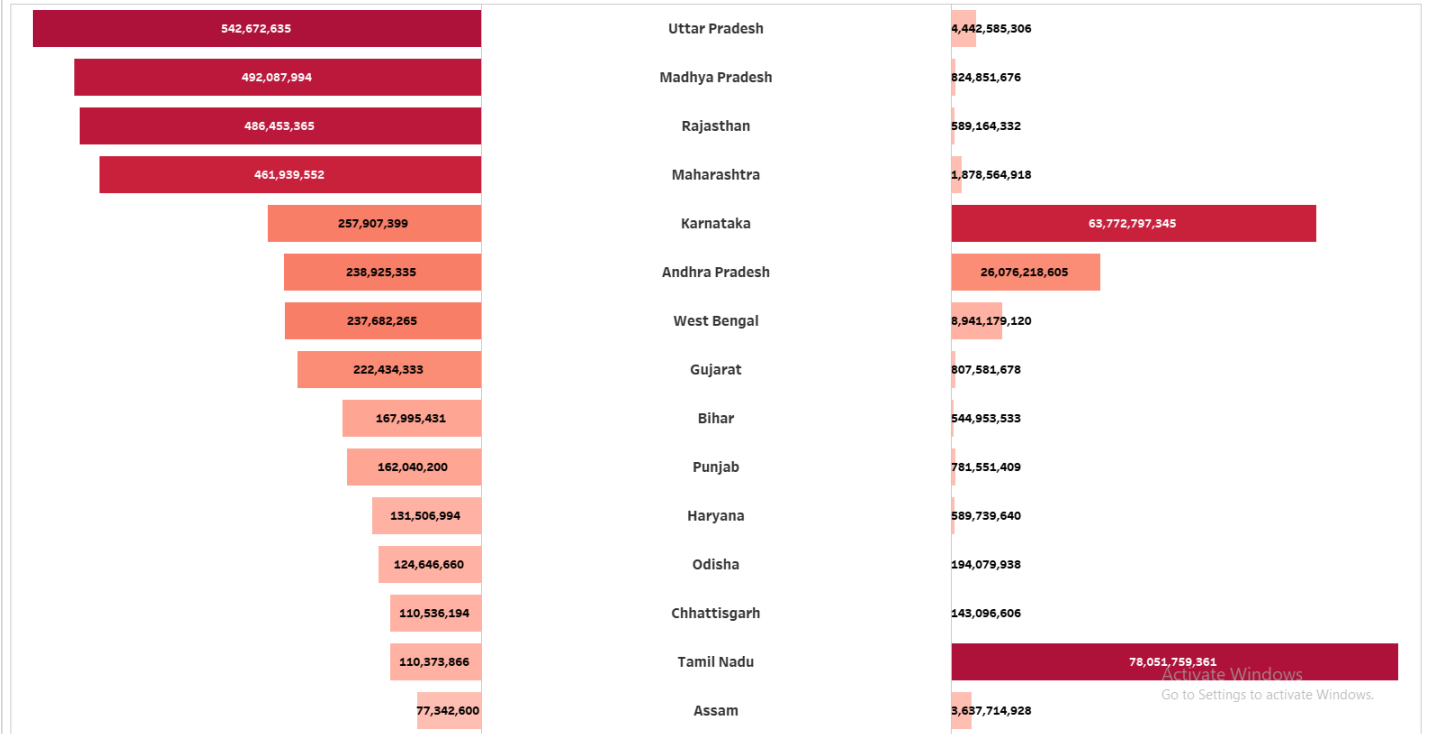


3. Result: Sheets:



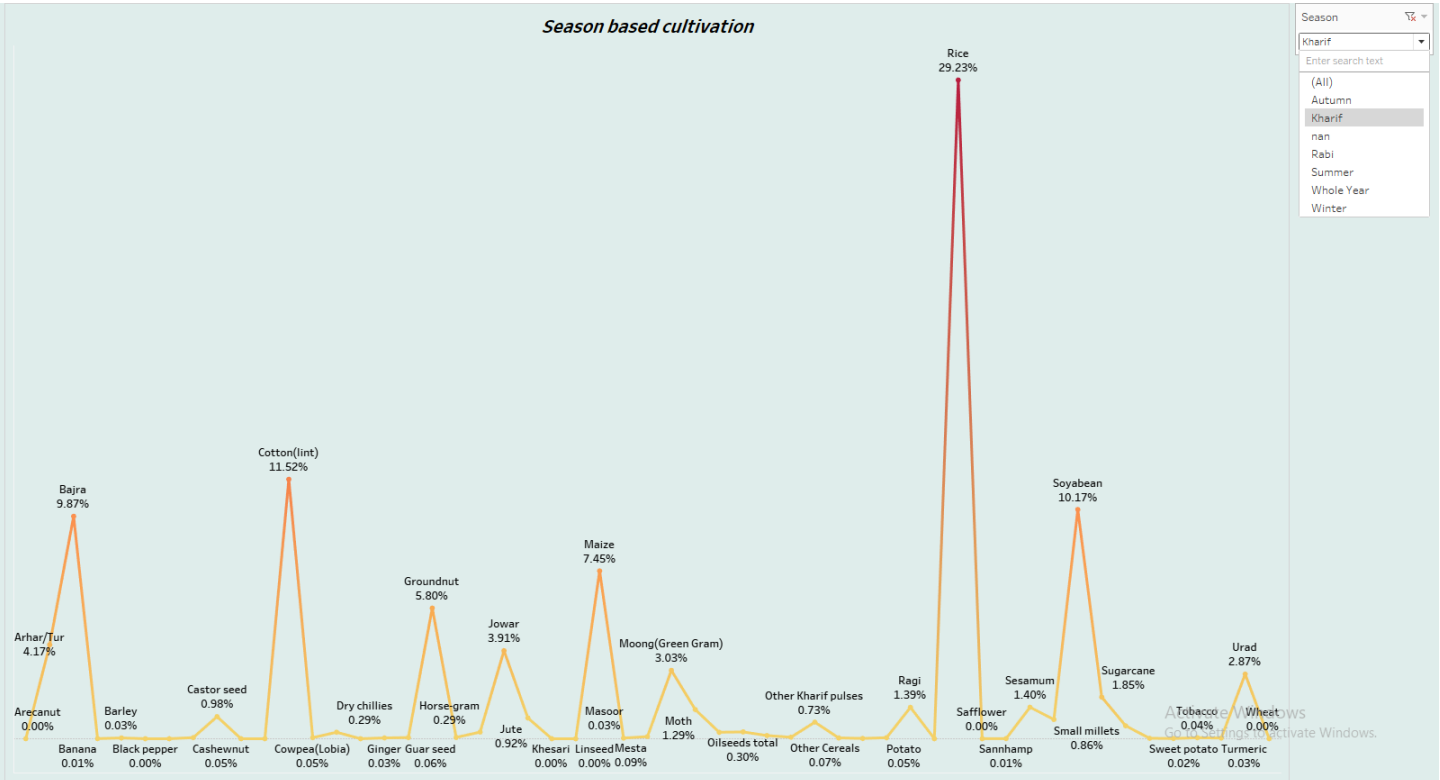
State wise Agricultural Land Area vs Production Season based cultivation Yield by season Crop plantation by area Major crops growth Yoy Crops Season wise production D1 D2 D3 D4 D5 Insights Into India's Agr

Area vs Production

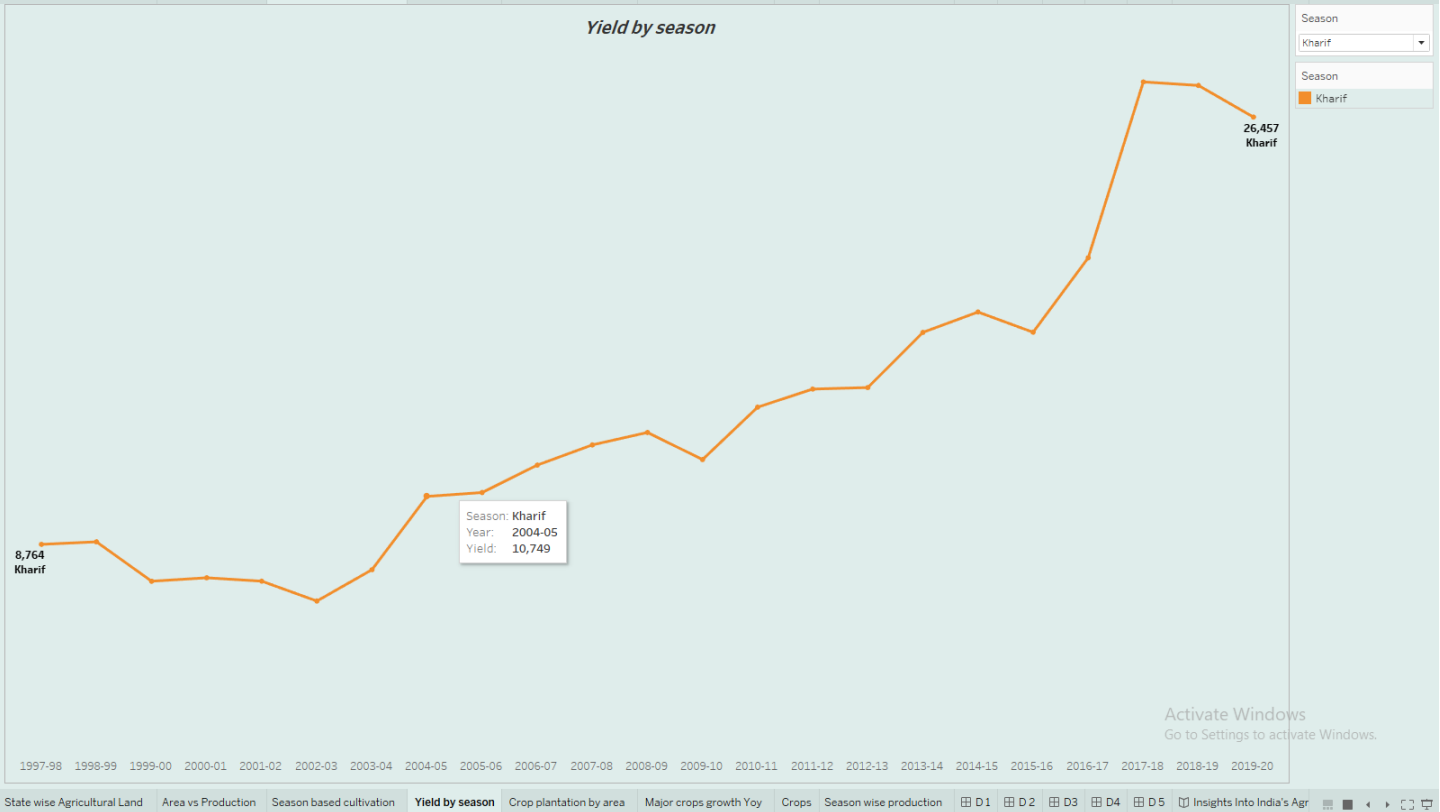


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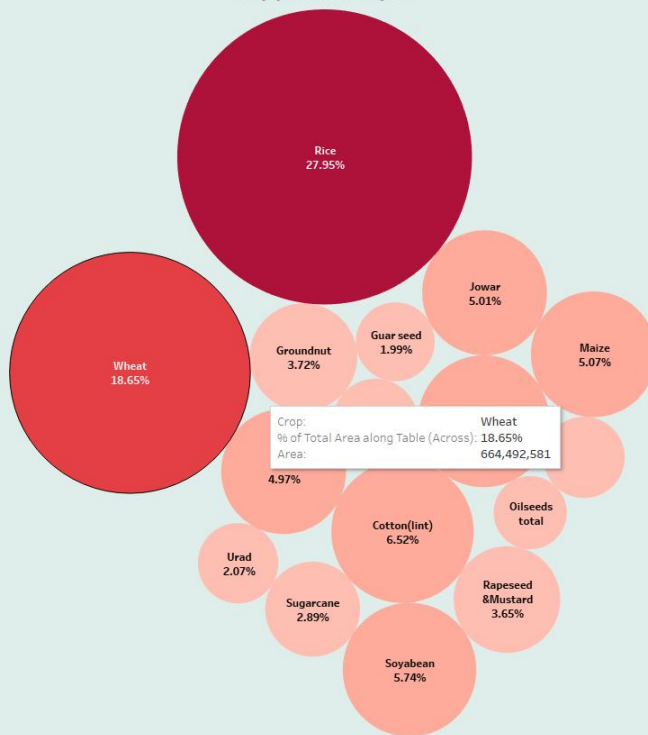
Season based cultivation



Yield by season



Crop plantation by area

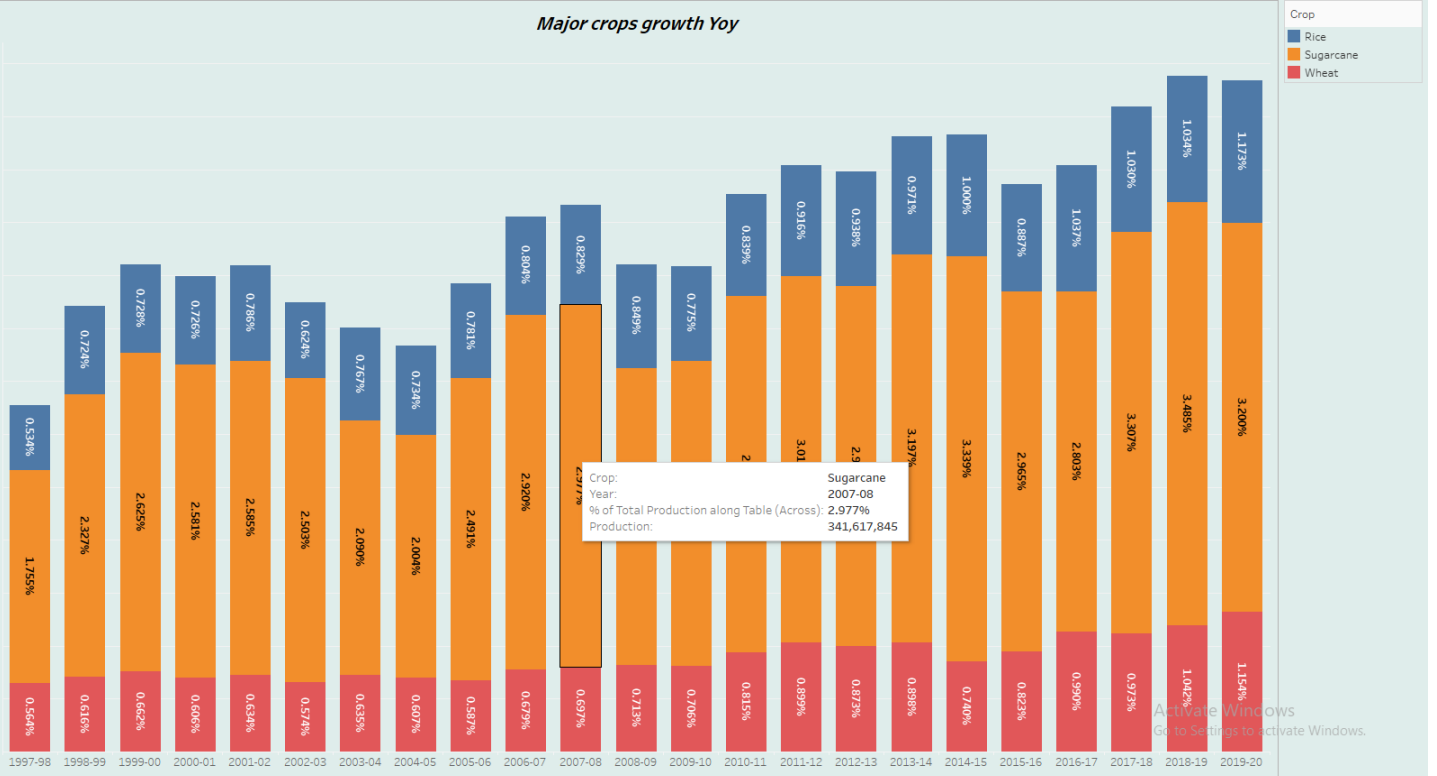


SUM(Area)
61,176,936 996M

Activate Windows
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State wise Agricultural Land Area vs Production Season based cultivation Yield by season Crop plantation by area Major crops growth Yoy Crops Season wise production D1 D2 D3 D4 D5 Insights Into India's Agr

Major crops growth Yoy

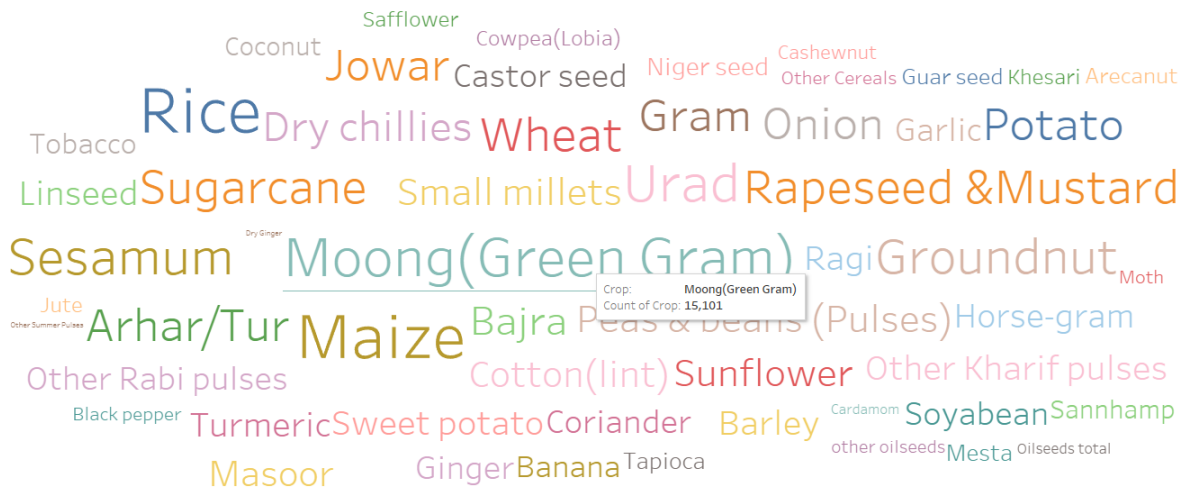


Crop
Rice
Sugarcane
Wheat

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State wise Agricultural Land Area vs Production Season based cultivation Yield by season Crop plantation by area Major crops growth Yoy Crops Season wise production D1 D2 D3 D4 D5 Insights Into India's Agr

Crops(Plantation by count)

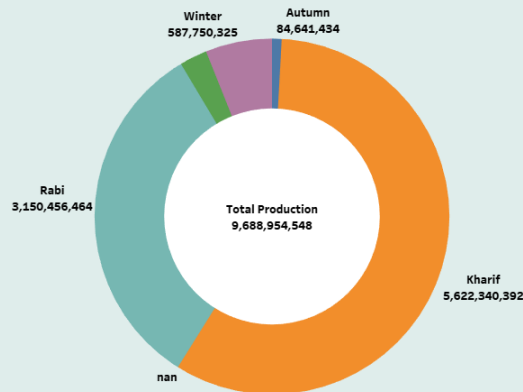


- Crop
- Null
- Arecanut
- Arhar/Tur
- Bajra
- Banana
- Barley
- Black pepper
- Cardamom
- Cashewnut
- Castor seed
- Coconut
- Coriander
- Cotton(lint)
- Cowpea(Lobia)
- Dry chillies
- Dry Ginger
- Garlic
- Ginger
- Gram
- Groundnut
- Guar seed
- Horse-gram
- Jowar
- Jute
- Khesari
- Linseed
- Maize
- Masoor
- Mesta
- Moong(Green Gra..
- Moth
- Niger seed
- Oilseeds total
- Onion
- Other Cereals
- Other Kharif puls..
- other oilseeds
- Other Rabi pulses
- Other Summer Pu..
- Peas & beans (Pul..
- Potato
- Dani

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State wise Agricultural Land Area vs Production Season based cultivation Yield by season Crop plantation by area Major crops growth Yoy Crops Season wise production D1 D2 D3 D4 D5 Insights Into India's Agr

Season wise production



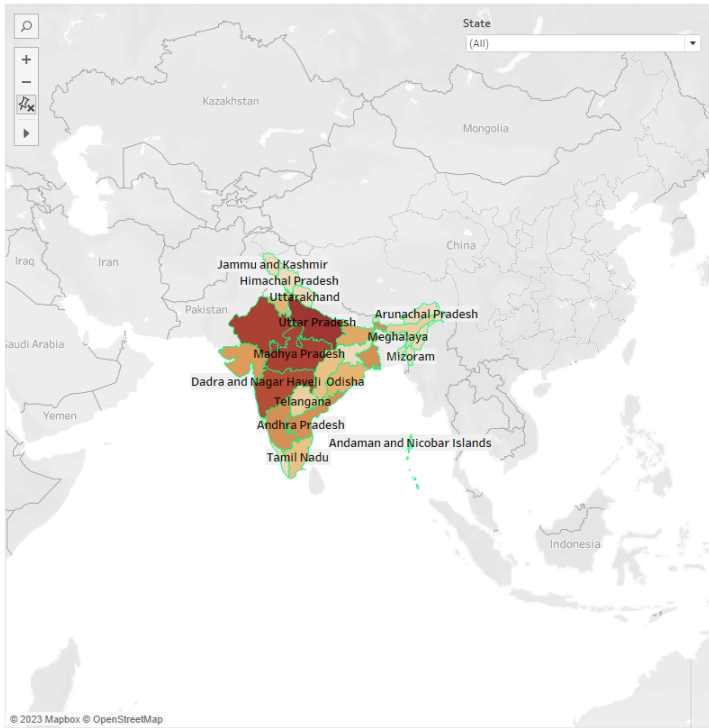
- Season
- Autumn
- Kharif
- nan
- Rabi
- Summer
- Winter

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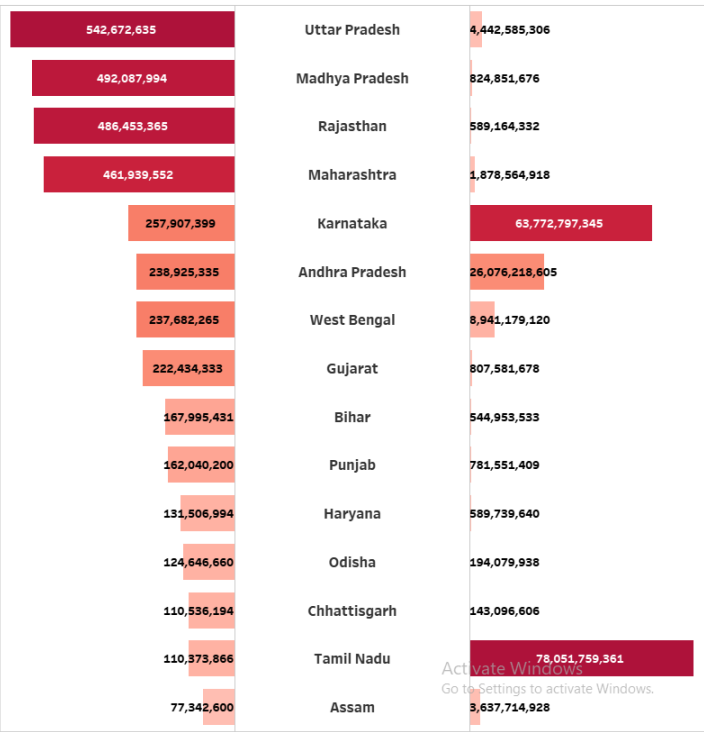
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Dashboard:

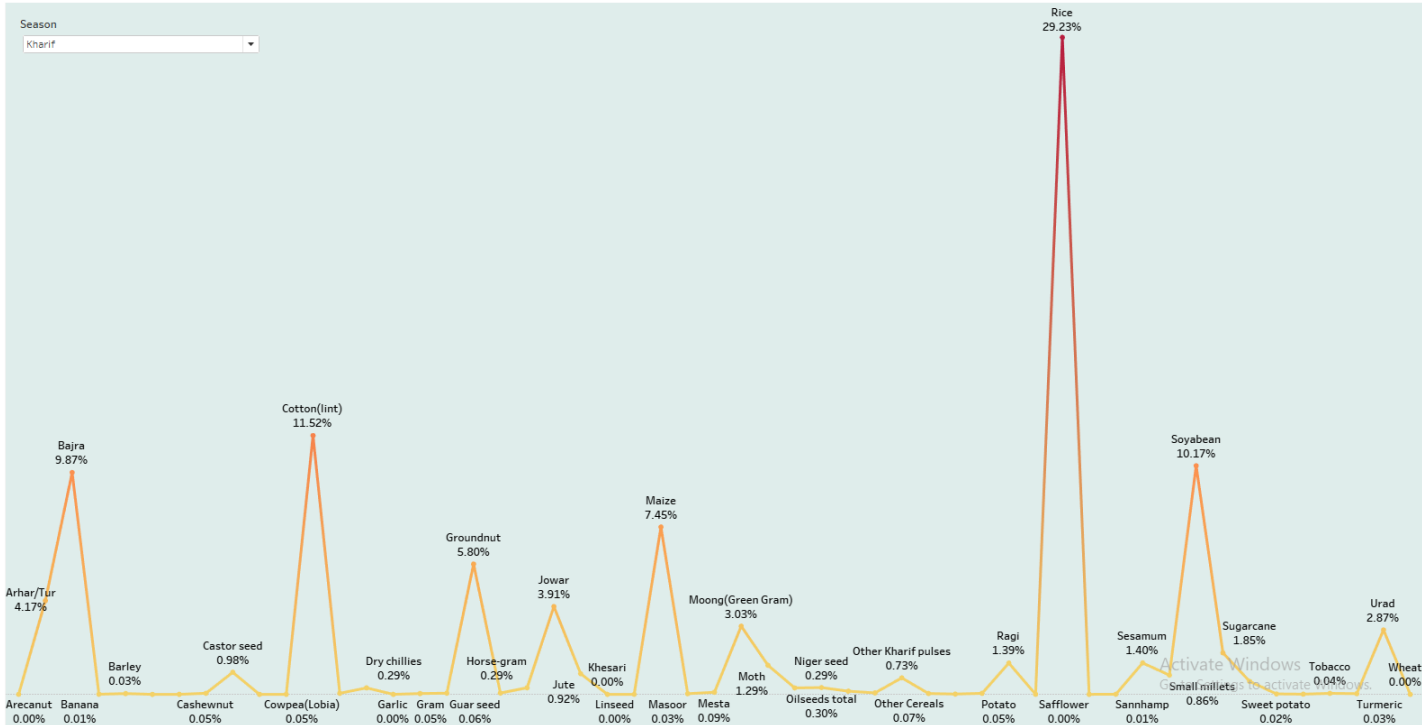
State wise Agricultural Land



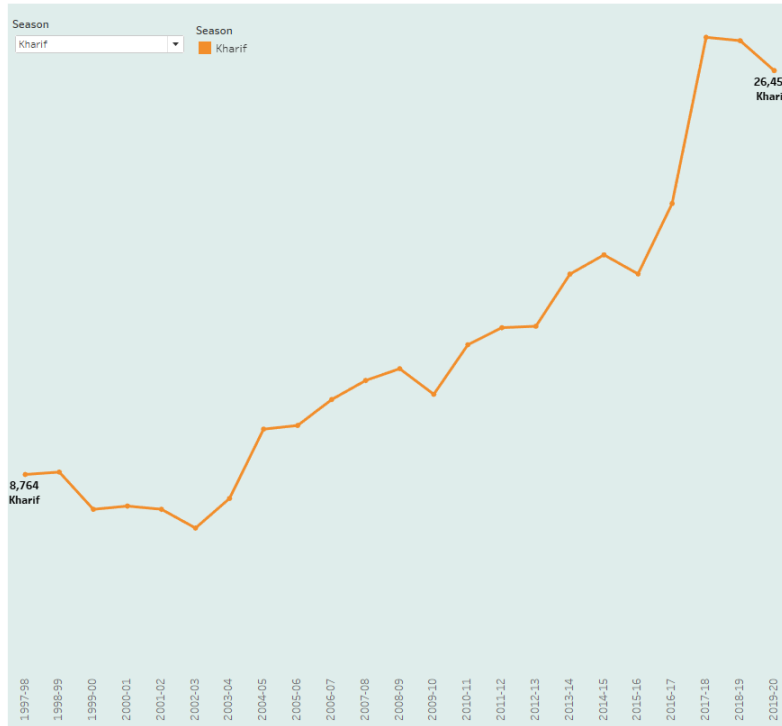
Area vs Production



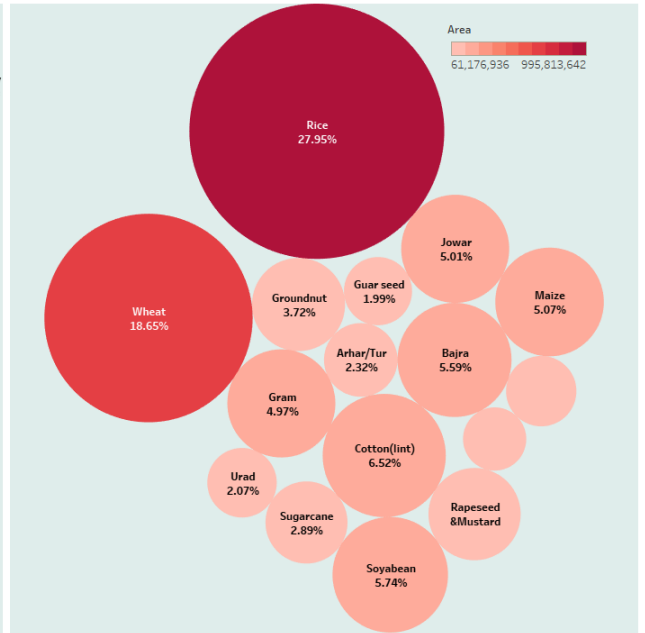
Season based cultivation



Yield by season



Crop plantation by area



Activate Windows

Go to Settings to activate Windows.

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Major crops growth Yoy

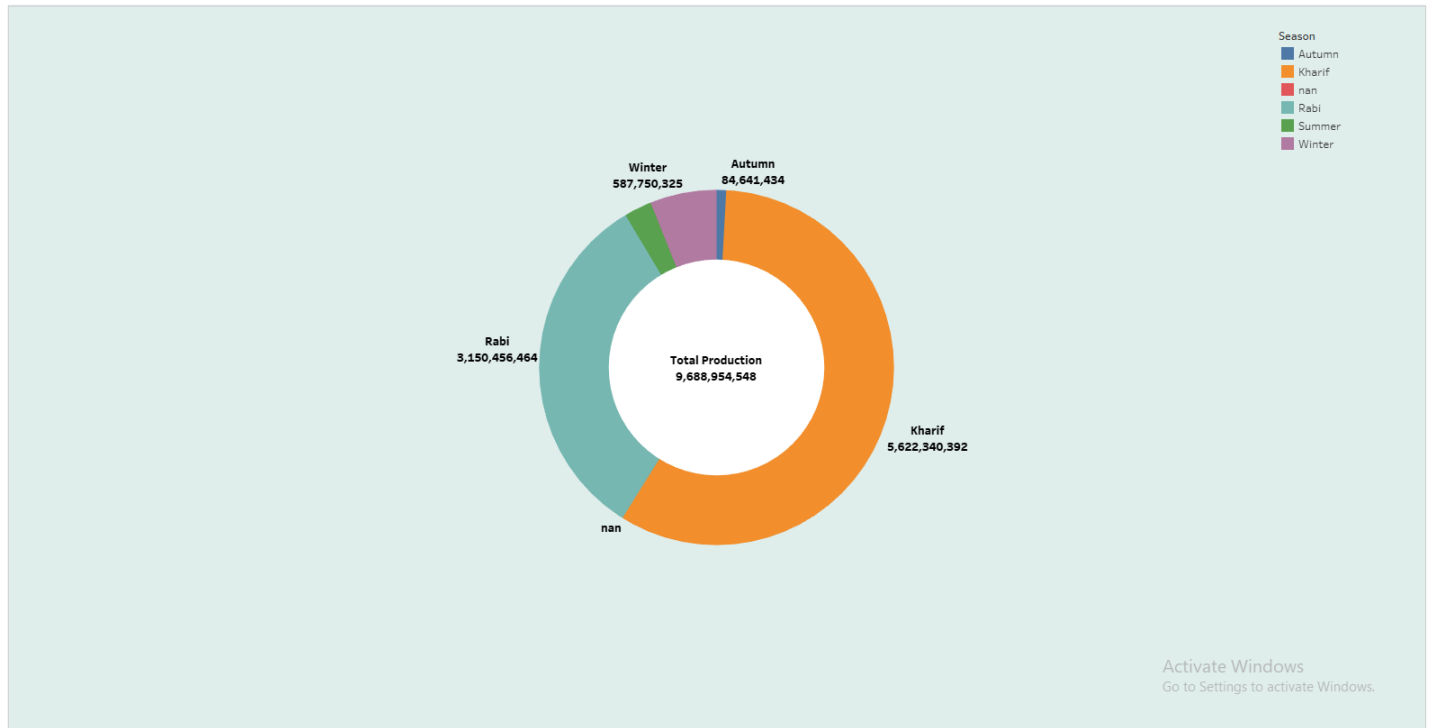


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Season wise production

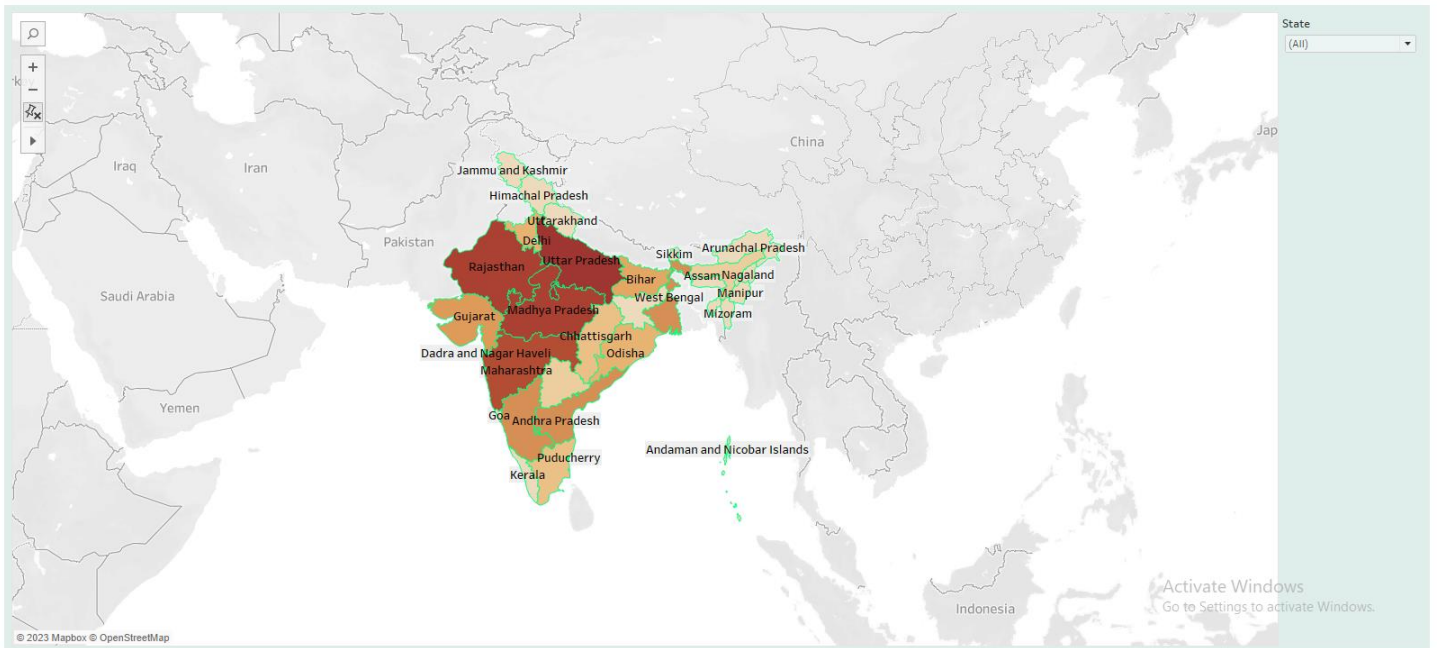


State wise Agricultural Land Area vs Production Season based cultivation Yield by season Crop plantation by area Major crops growth Yoy Crops Season wise production D1 D2 D3 D4 D5 Insights Into India's Agr

Story:

Insights Into India's Agricultural Cultivation

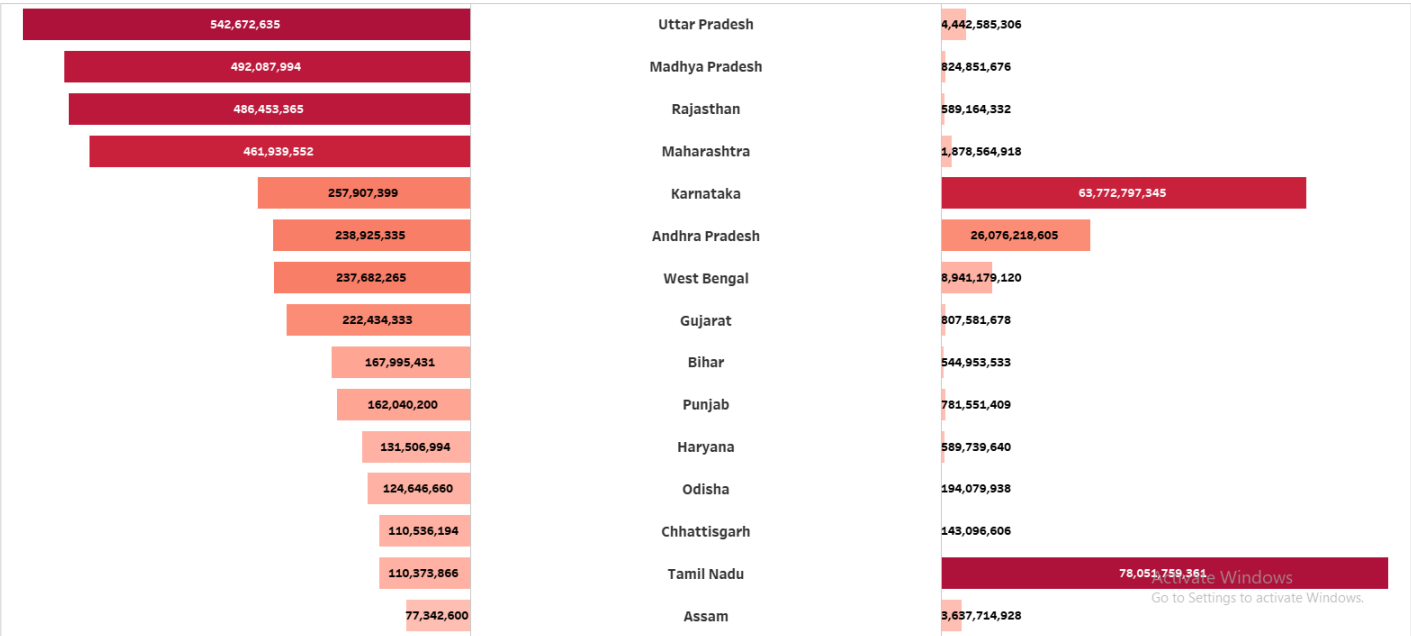
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Insights Into India's Agricultural Cultivation

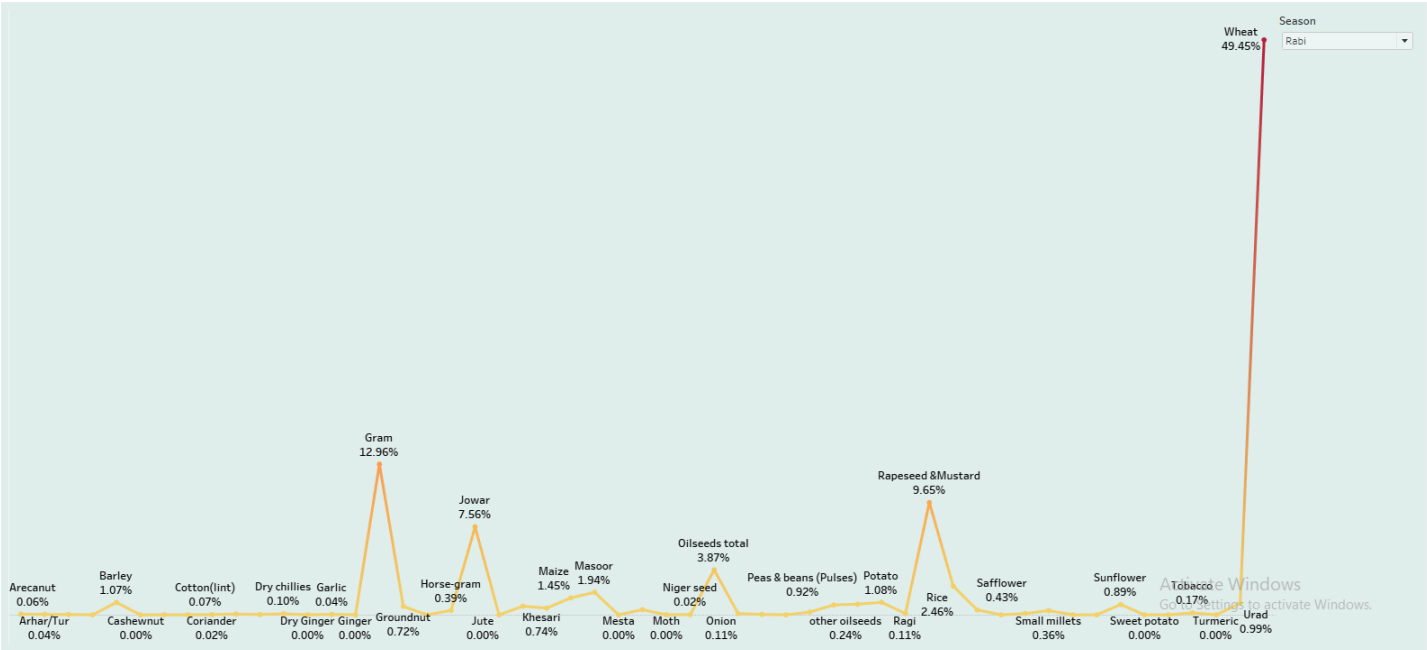
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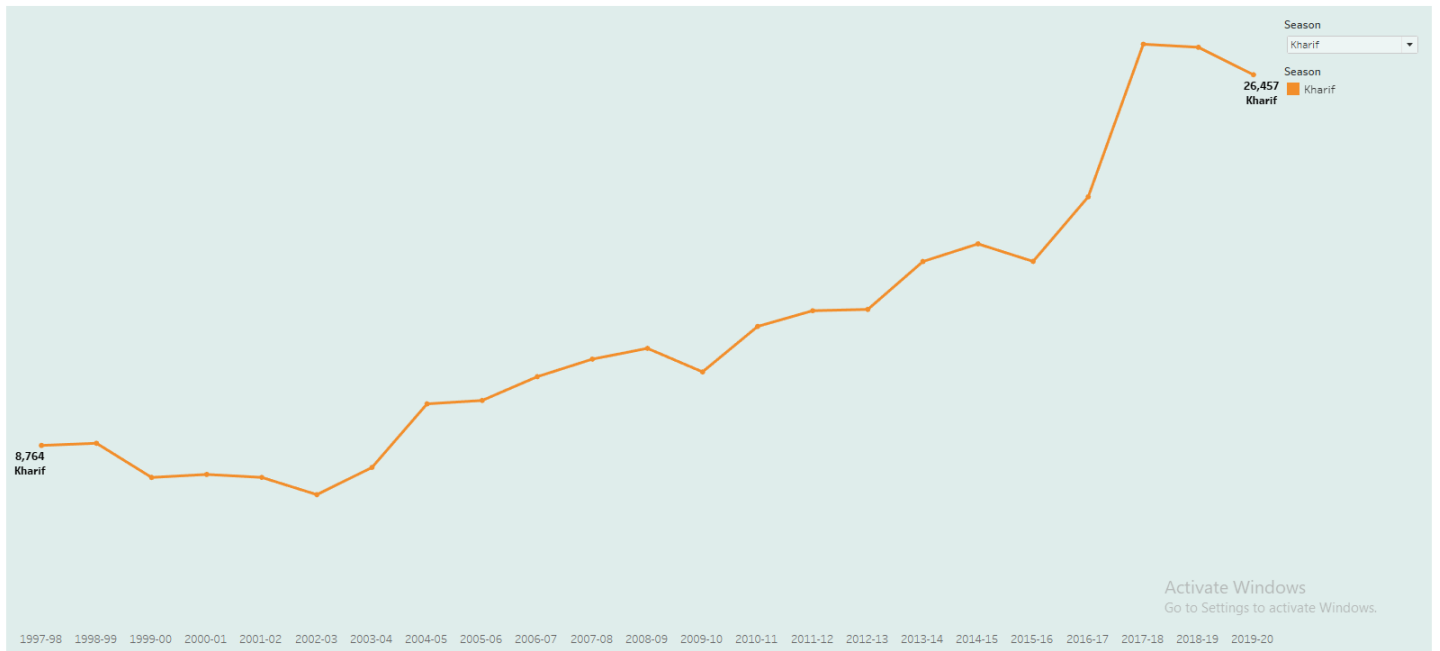
Insights Into India's Agricultural Cultivation

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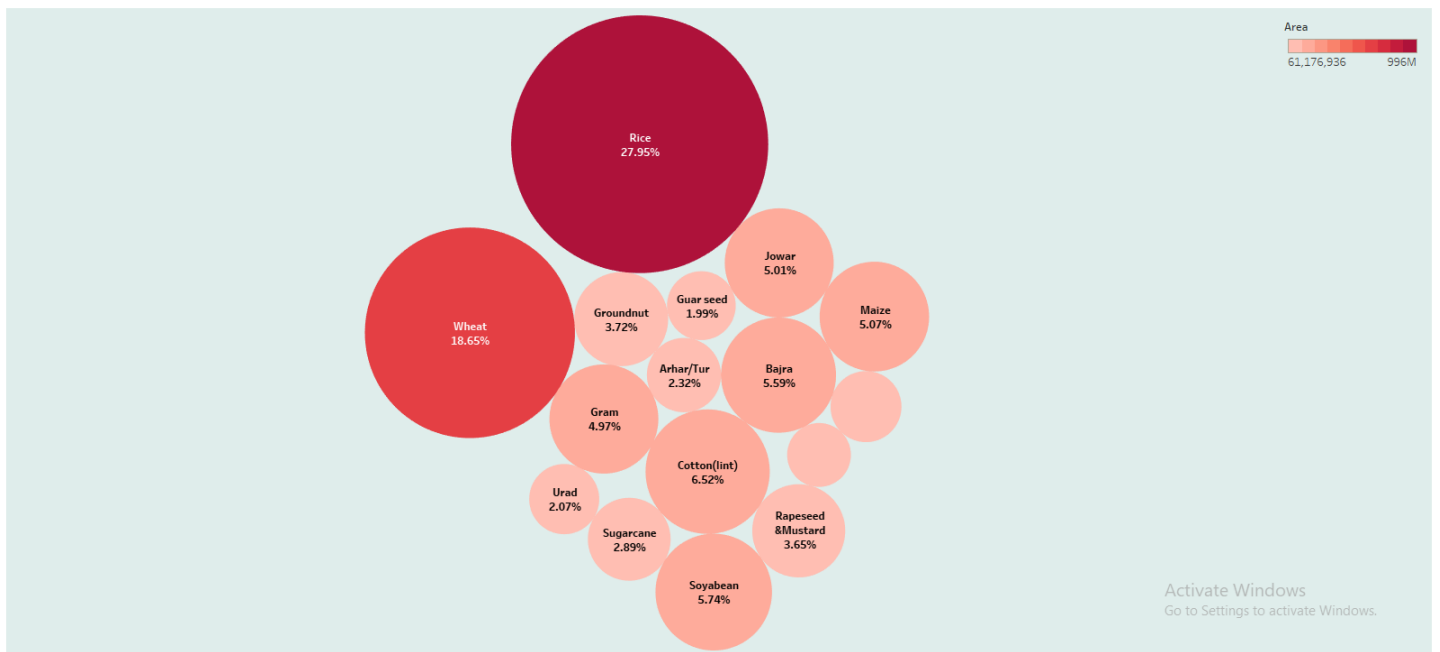
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Insights Into India's Agricultural Cultivation



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Insights Into India's Agricultural Cultivation



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Insights Into India's Agricultural Cultivation

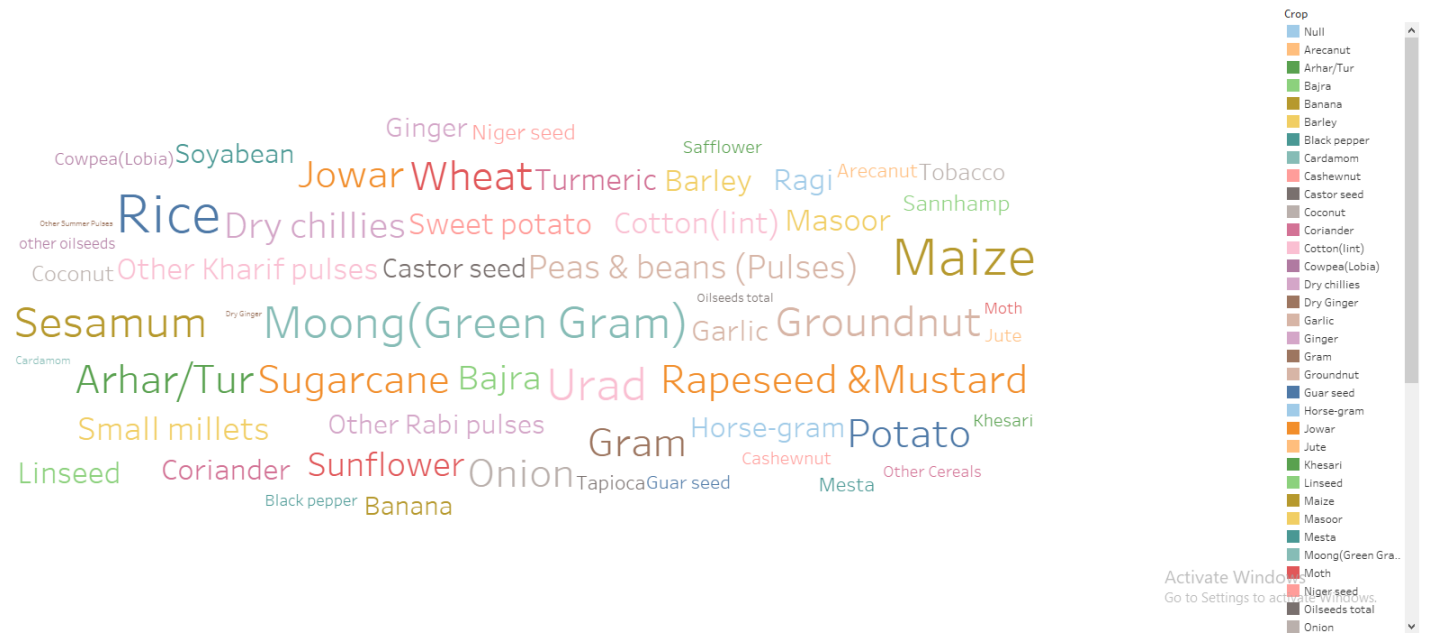
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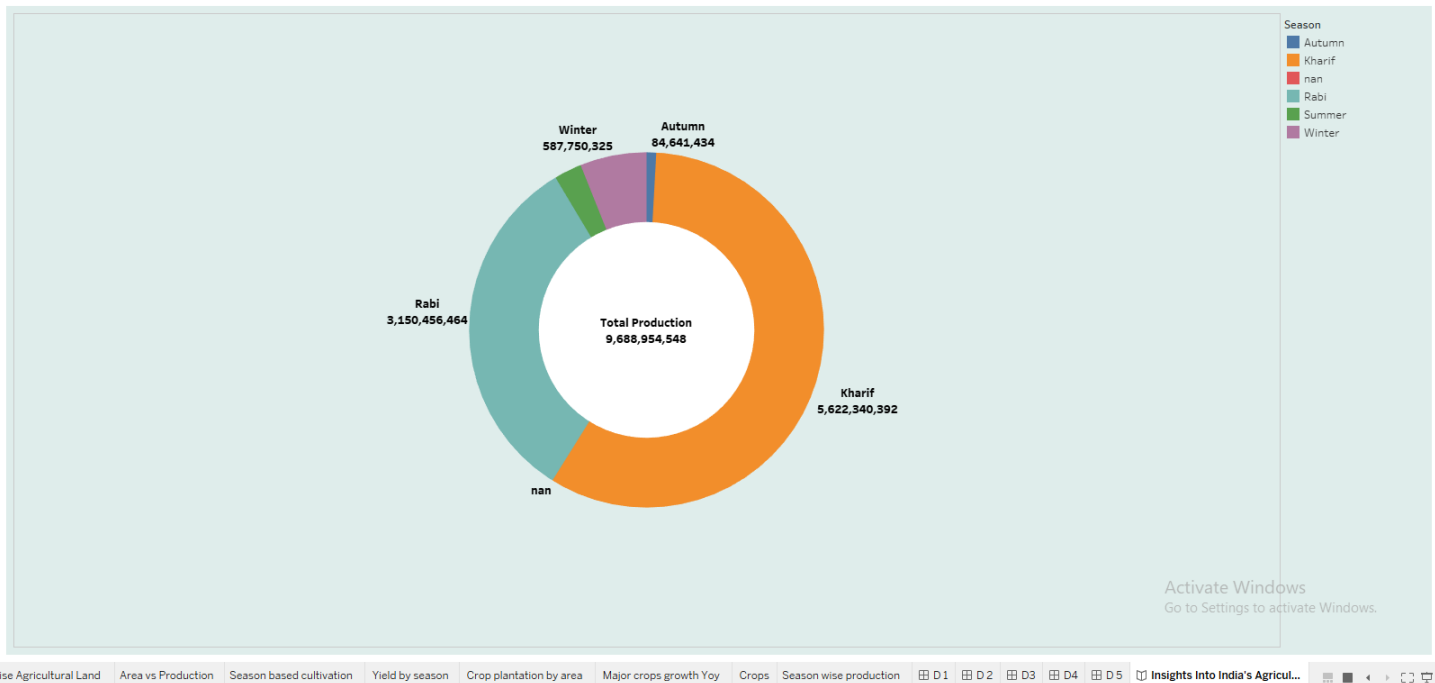
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Insights Into India's Agricultural Cultivation



4) Advantages and disadvantages:

Advantages:

- Reduced cost on the farm, savings in time, human labor, and machinery.
- Increased soil fertility and retention of moisture leading to long-term increases in yield, reduction of variation in yield, and higher security of food production.
- Soil conservation measures and protection from erosion lead to reduced leaching of soil down the slope.
- Reduced toxic contamination of surface and ground waters.
- Filling of aquifers due to better infiltration.
- Conservation of biodiversity.
- Reduced air pollutions resulting from the machinery used in tillage practice.

Disadvantages:

- Acquisition of specialized machinery for seeding and planting.
- Short-term problems with pests due to changes in crop cultivations.
- Acquisition of new management skills.
- High risk for farmers due to technological uncertainties.
- Development of appropriate technical packages and training.

Conclusion:

Agricultural is the determining factor for food security as well as the pro-poor development of Bangladesh's economy. The problems of agriculture are multifaceted so the ways of addressing the challenges should be comprehensive, global, and participatory for sustainable agricultural development.

Meeting the nation's food requirements remains the key objective of the government and in recent years there has been a substantial increase in grain production.

Applications:

Cultivating, characterizing, or modifying soil is a crucial aspect of food production, especially when it comes to supplying food for growing populations. This category includes fertilizers, herbicides, and other applications that help improve agricultural performance. It not only supports livelihoods through food, habitat, and jobs but also provides raw materials for food and other products.

Future scope:

Agricultural sector have an enormous scope India as of the future reference because agricultural sector is the largest sector with 49% of country's population works in agriculture agricultural sector by occupation. India is also a developing country with about 16% of its GDP is contributed by this sector.