

Indian Agricultural Crop Production Analysis (1997-2021)

1. INTRODUCTION

1.1 Overview

- ❖ It Provides Employment opportunity to the rural agricultural as well as non agricultural labourers.
- ❖ India is the second largest producer of wheat and rice.

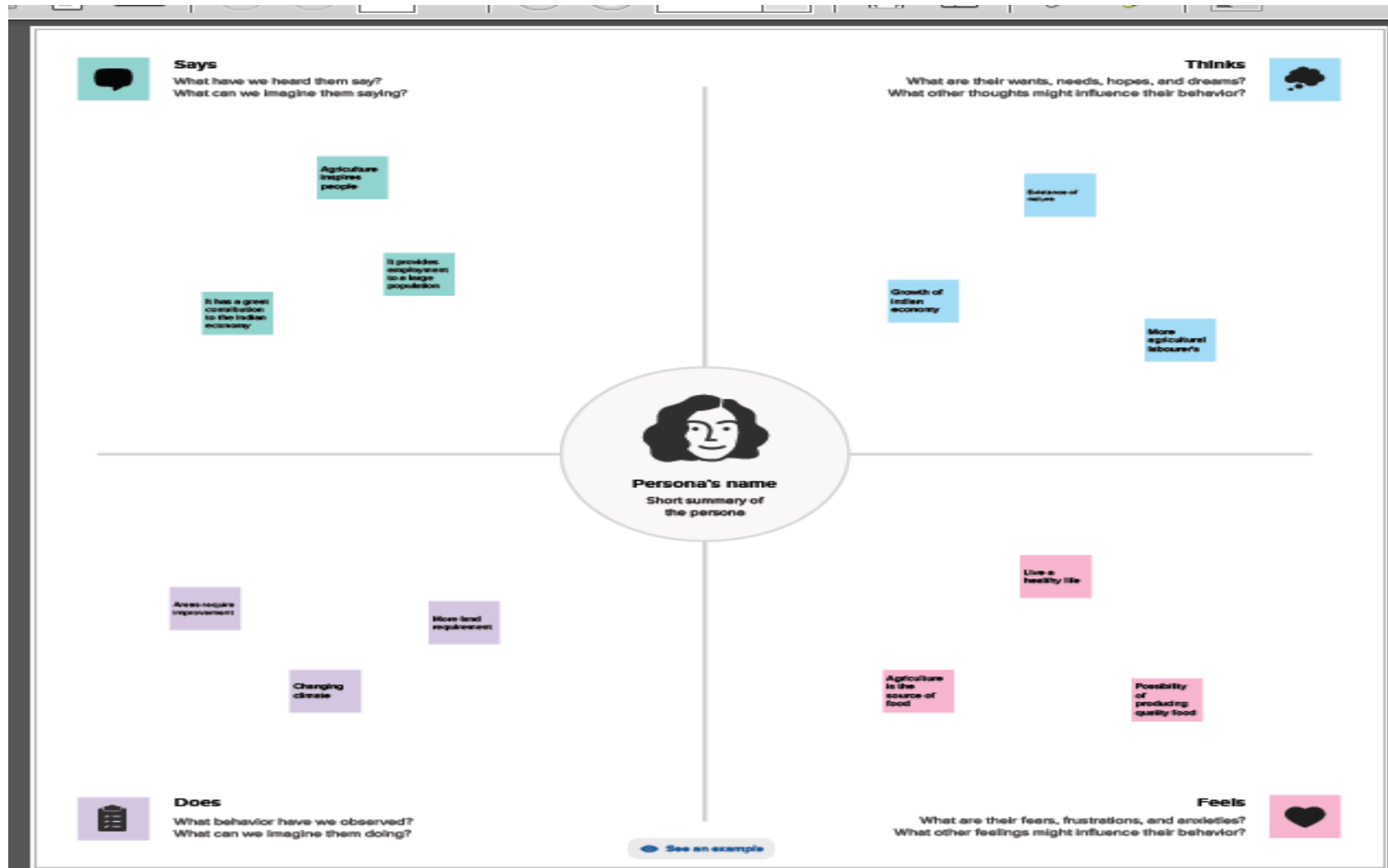
- ❖ India is one of the largest producer of agricultural production in the world.

1.2 Purpose

- ❖ Agricultural is the foundation of the Indian economy.
- ❖ It providing the livestock industry with feed and the population with food.

2 . Problem Definition & Design Thinking

2.1 Empathy Map




2.2 Ideation & Brainstorming Map

Brainstorm Map_04-09-2023.pdf - Adobe Reader

File Edit View Window Help

Template



Brainstorm & idea prioritization

Use this template in your own brainstorming sessions so your team can unleash their imagination and start shaping concepts even if you're not sitting in the same room.

⌚ 10 minutes to prepare
👥 1 hour to collaborate
👤 2-8 people recommended

➡

Before you collaborate

A little bit of preparation goes a long way with this session. Here's what you need to do to get going.

⌚ 10 minutes

- Team gathering
Define who should participate in the session and send an invite. Share relevant information or pre-work ahead.
- Set the goal
Think about the problem you'll be focusing on solving in the brainstorming session.
- Learn how to use the facilitation tools
Use the Facilitation Superpowers to run a happy and productive session.

[Open article](#) ➡

1

Define your problem statement

What problem are you trying to solve? Frame your problem as a How Might We statement. This will be the focus of your brainstorm.

⌚ 5 minutes

PROBLEM

How might we (your problem statement)?

Key rules of brainstorming

To run a smooth and productive session

- Stay in topic.
- Defer judgment.
- Go for volume.
- Encourage wild ideas.
- Listen to others.
- If possible, be visual.

2

Brainstorm

Write down a that address :

⌚ 10 minutes

Person 1

Person 2

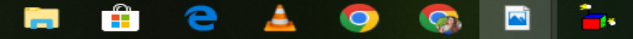
Person 3

Person 4

Person 5

200.00 x 66.43 in

Type here to search



2

Brainstorm

Write down any ideas that come to mind that address your problem statement.

🕒 10 minutes

TIP

You can select a sticky note and hit the pencil icon to start drawing!

Person 1

Painting

Handicrafts

Gardening

Person 2

Agriculture

Agri business

Tillage

Person 3

Apiculture

Stone masonry

Dry flower

Person 4

Ingenious

Crop

Organic green house

Person 5

Tree farm

Agroforestry

Permaculture

Person 6

Person 7

Person 8

3

Group 1

Take turns sticky note bigger the

🕒 20 minutes

Person 1

Person 2

Person 3

Person 4

Person 5



3

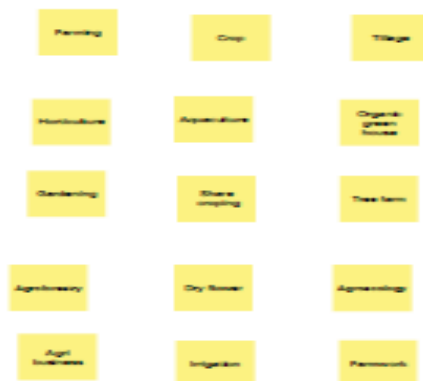
Group Ideas

Take turns sharing your ideas while clustering similar or related notes as you go. Once all sticky notes have been grouped, give each cluster a sentence-like label. If a cluster is bigger than six sticky notes, try and see if you can break it up into smaller sub-groups.

🕒 20 minutes

TIP

Add customizable tags to sticky notes to make it easier to find, browse, organize, and categorize important ideas as themes within your mural.



Prioritize

Your team should all be on the same page about what's important moving forward. Place your ideas on this grid to determine which ideas are important and which are feasible.

20 minutes

Participants can use their cursors to point at where sticky notes should go on the grid. The facilitator can confirm the spot by using the laser pointer holding the H key on the keyboard.



After you collaborate

You can export the mural as an image or pdf to share with members of your company who might find it helpful.

Quick add-ons

[Share the mural](#)

Share a **view link** to the mural with stakeholders to keep them in the loop about the outcomes of the session.

[Export the mural](#)

Export a copy of the mural as a PNG or PDF to attach to emails, include in slides, or save in your drive.

Keep moving forward

Strategy blueprint

Define the components of a new idea or strategy.

[Open the template →](#)

Customer experience

Understand customer needs, motivations, and obstacles for an experience.

Open the template →

Strengths, weaknesses

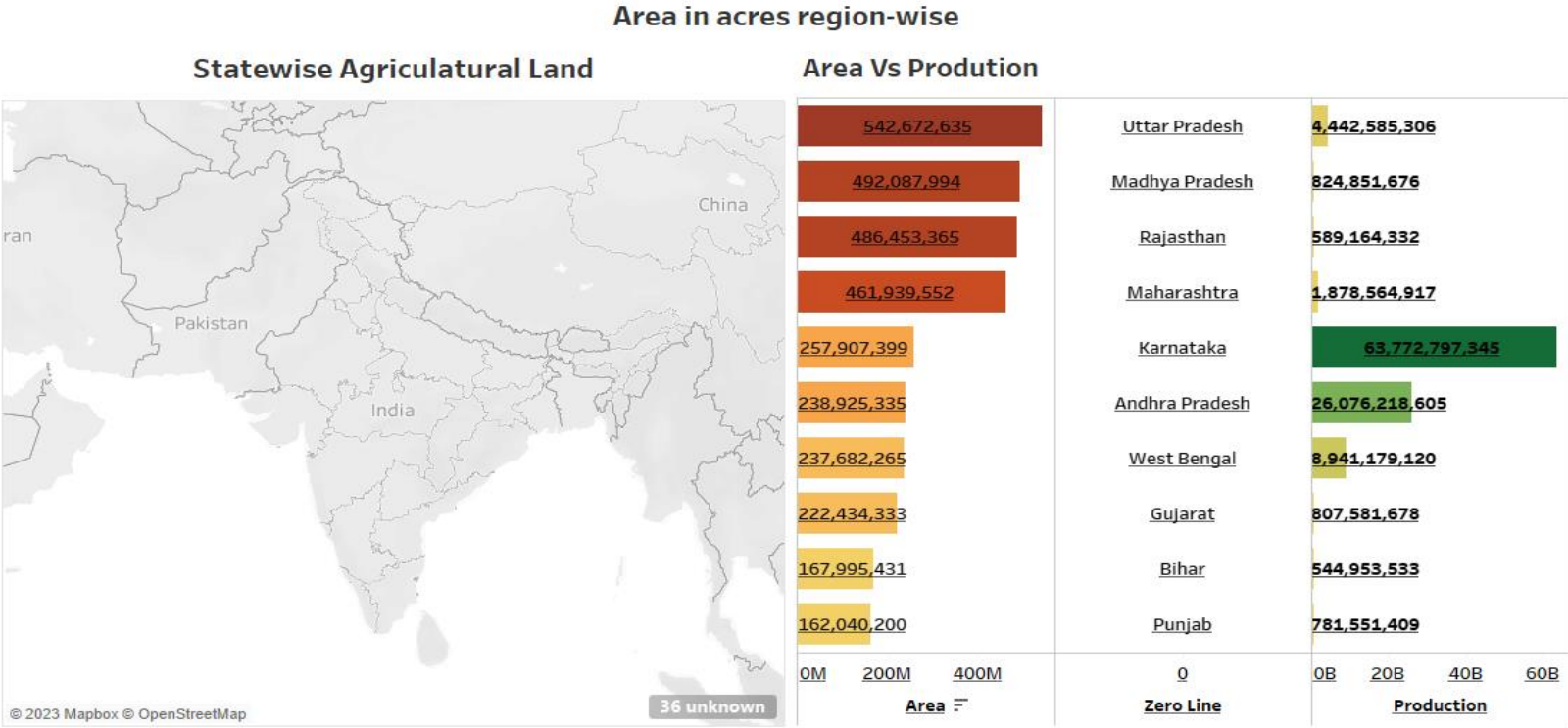
- Identify strengths, weaknesses, opportunities, and threats (SWOT) to develop a plan.

[Open the template →](#)

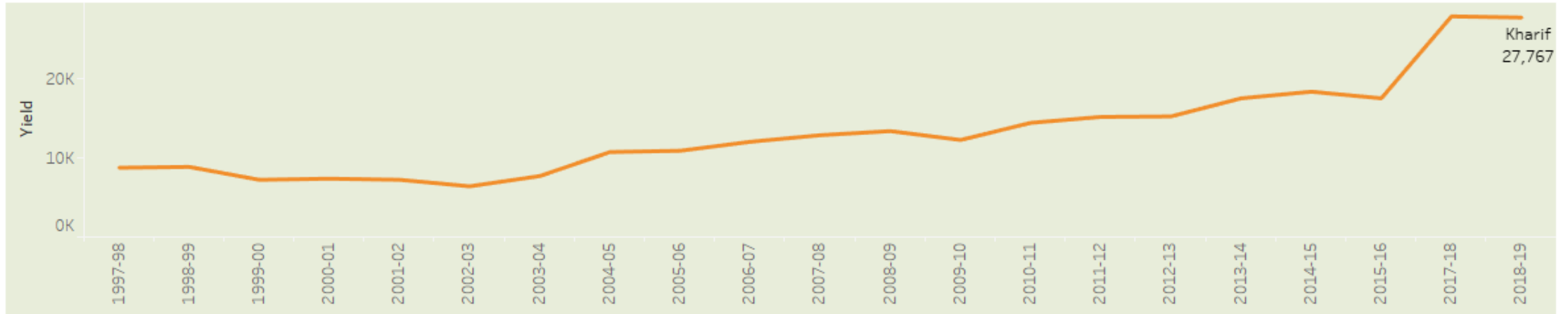
 [Share template feedback](#)

3.RESULT

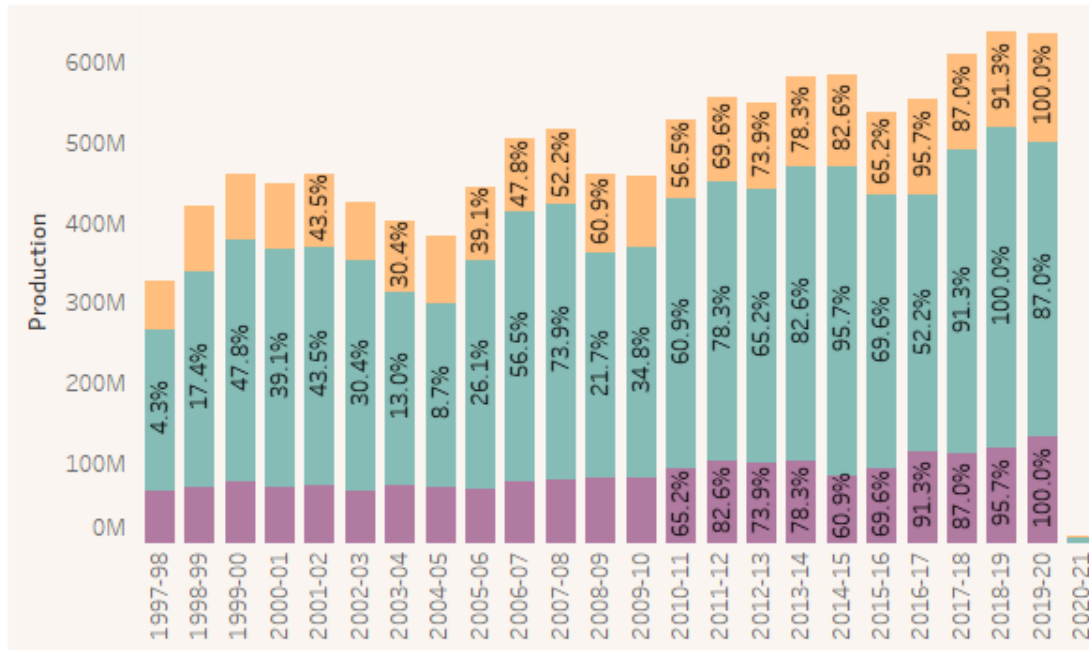
3.1 DASHBOARD



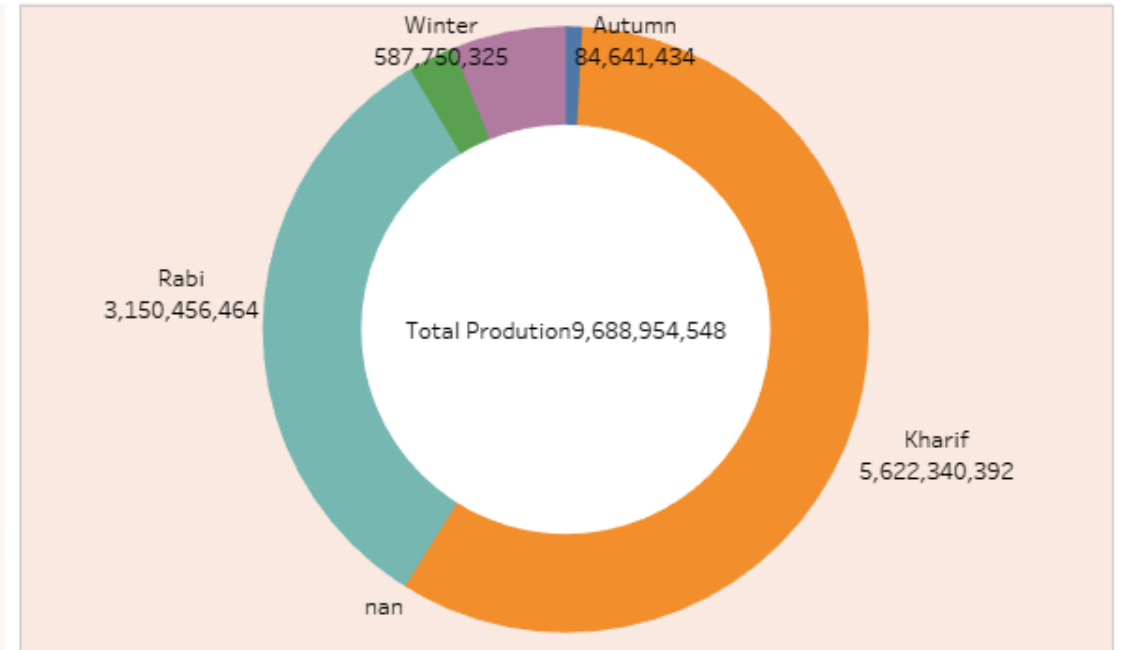
Yield by season



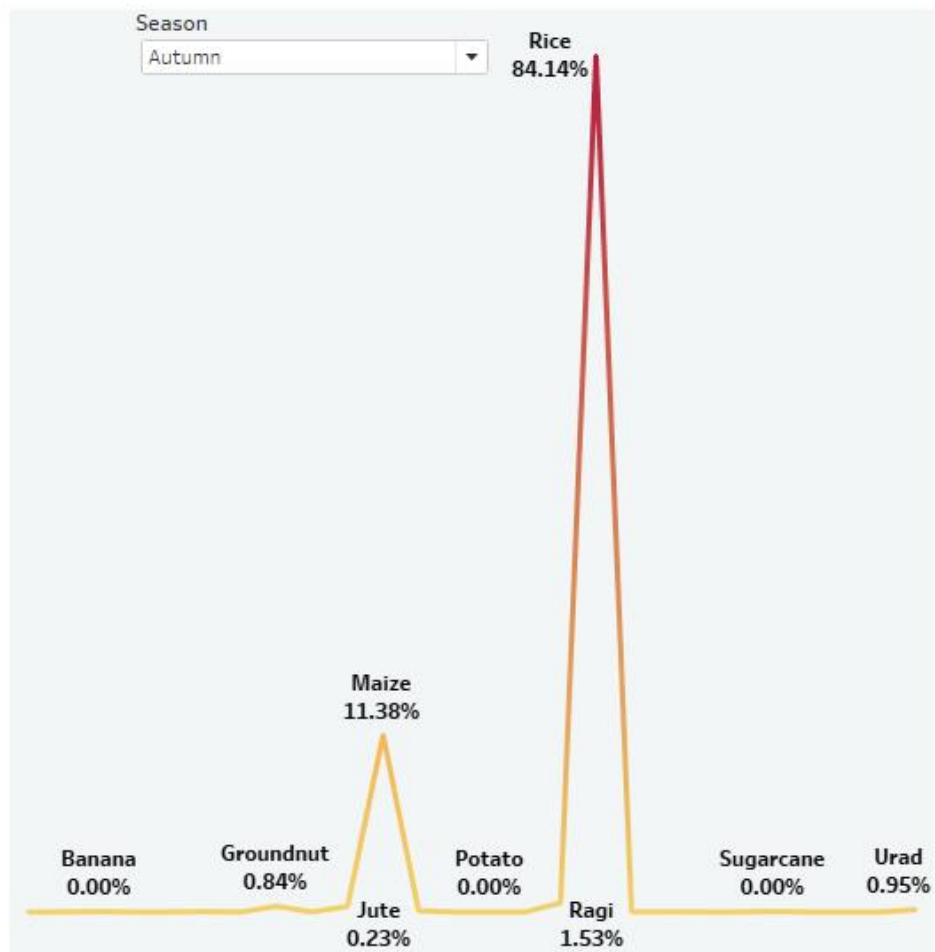
Major crop



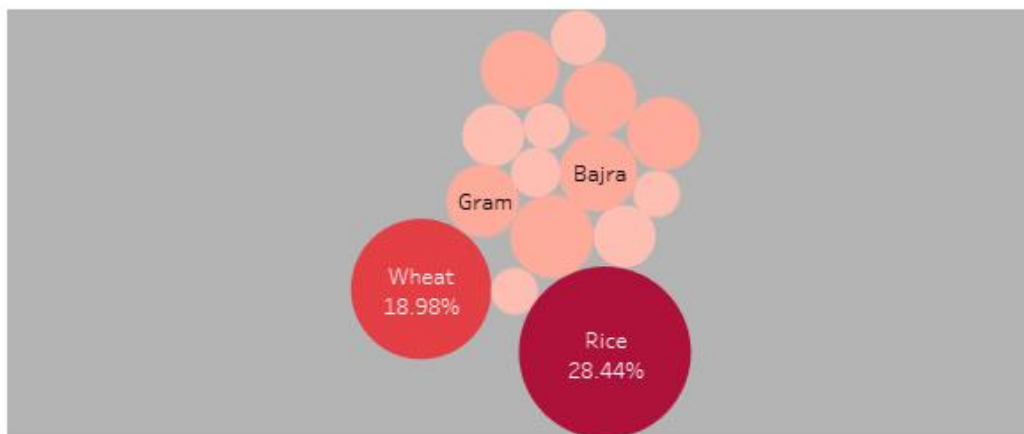
Season Wise Production(tonnes)



Season Based cultivation area



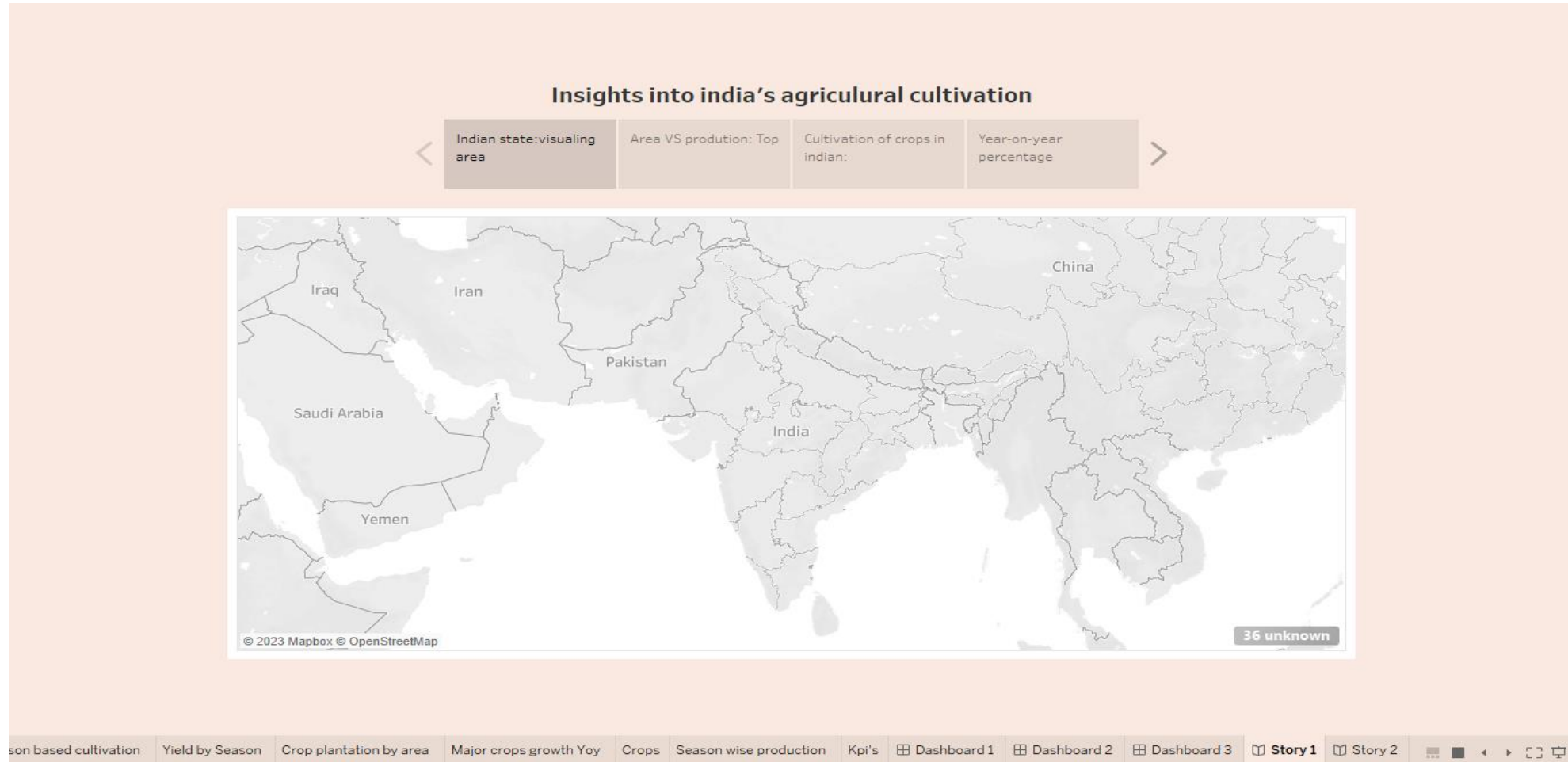
Crop Plantation By Area



Crop(Plantation By count)



3.2 STORY



Insights into india's agriculural cultivation

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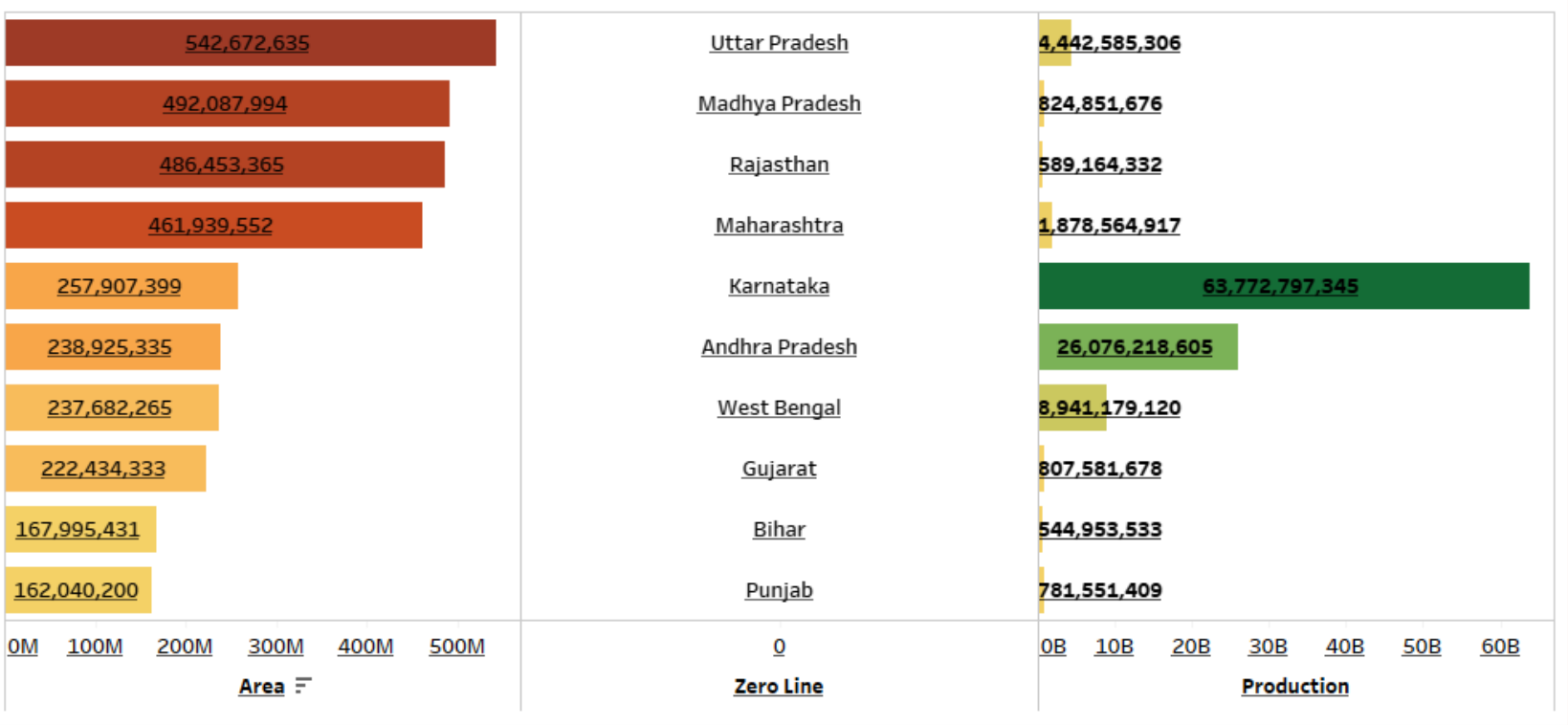
Indian state:visualing area

Area VS prodution: Top

Cultivation of crops in indian:

Year-on-year percentage

>



Insights into india's agricultural cultivation

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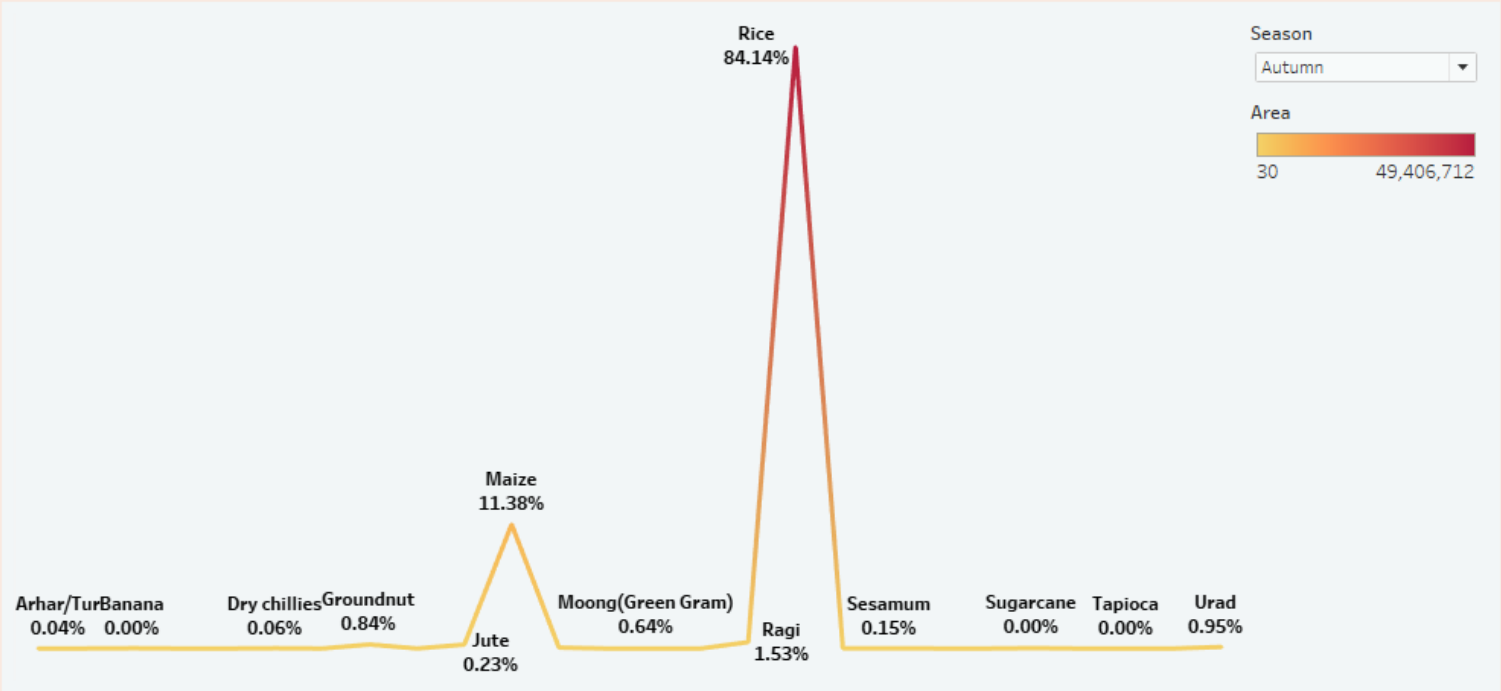
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Insights into india's agricultural cultivation

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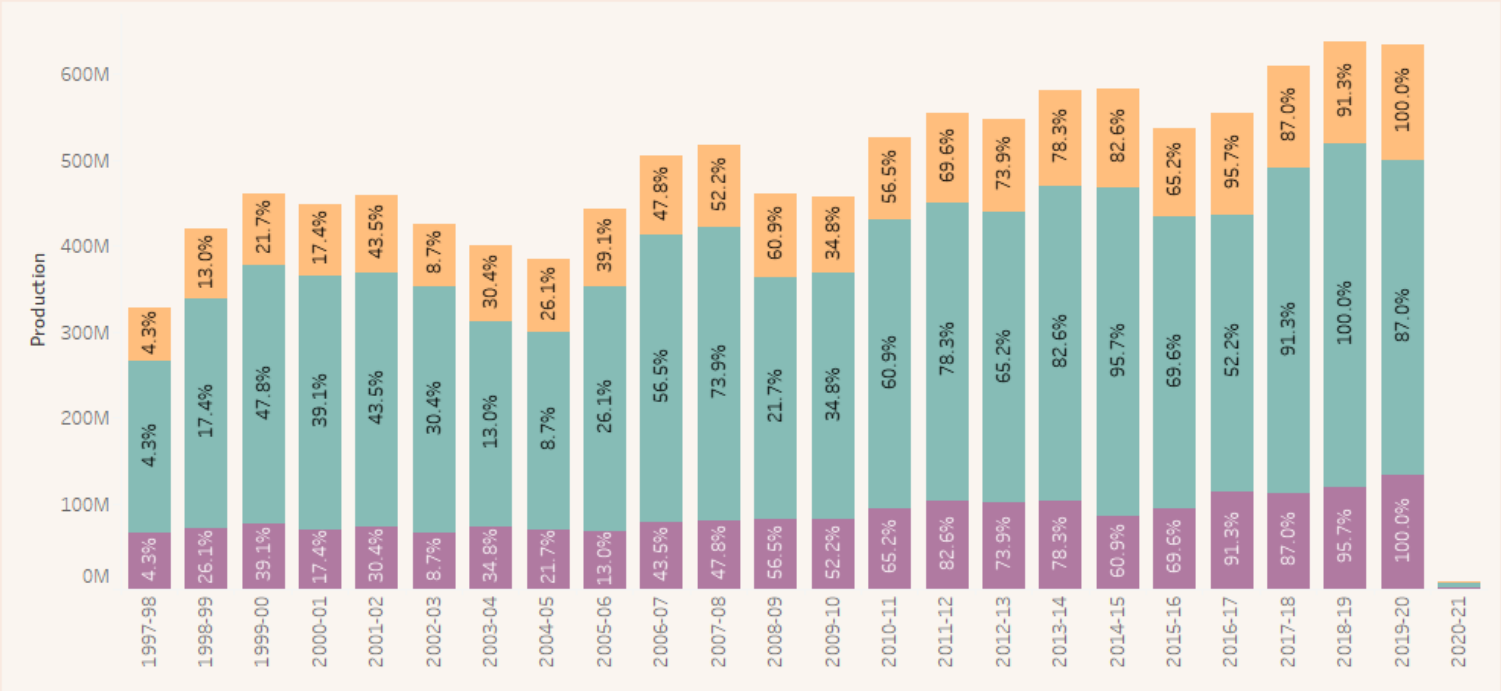
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Insights into indian's agriculutral cultivation

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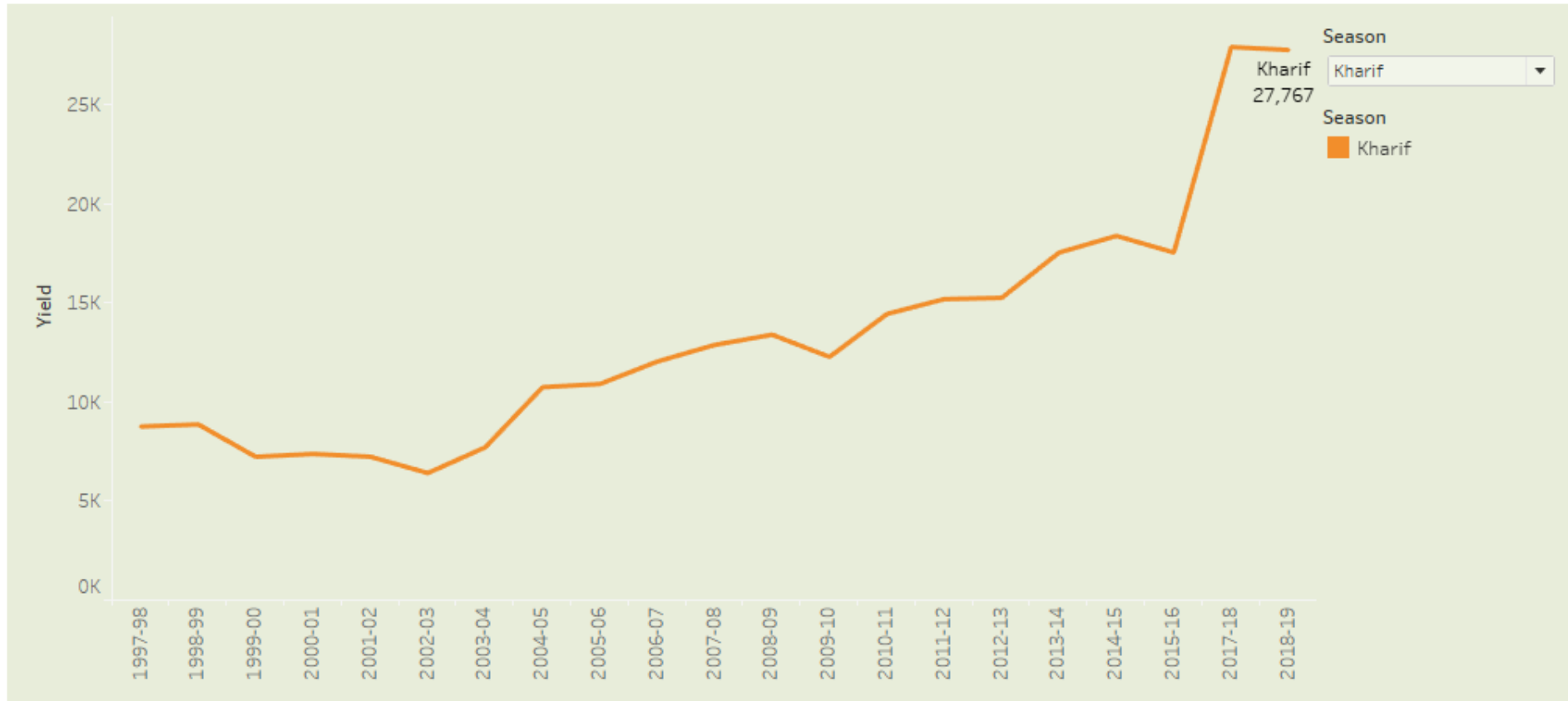
Crop yield growth:
year wise yield season

Crop planting
percentage: area

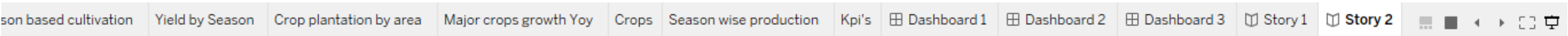
crop producion in
tonnes : season

world cloud: the
following world

>



◀
Crop yield growth: year wise yield season
Crop planting percentage: area
crop production in tonnes : season
world cloud: the following world
▶



Insights into indian's agricultral cultivation



Insights into indian's agricultral cultivation

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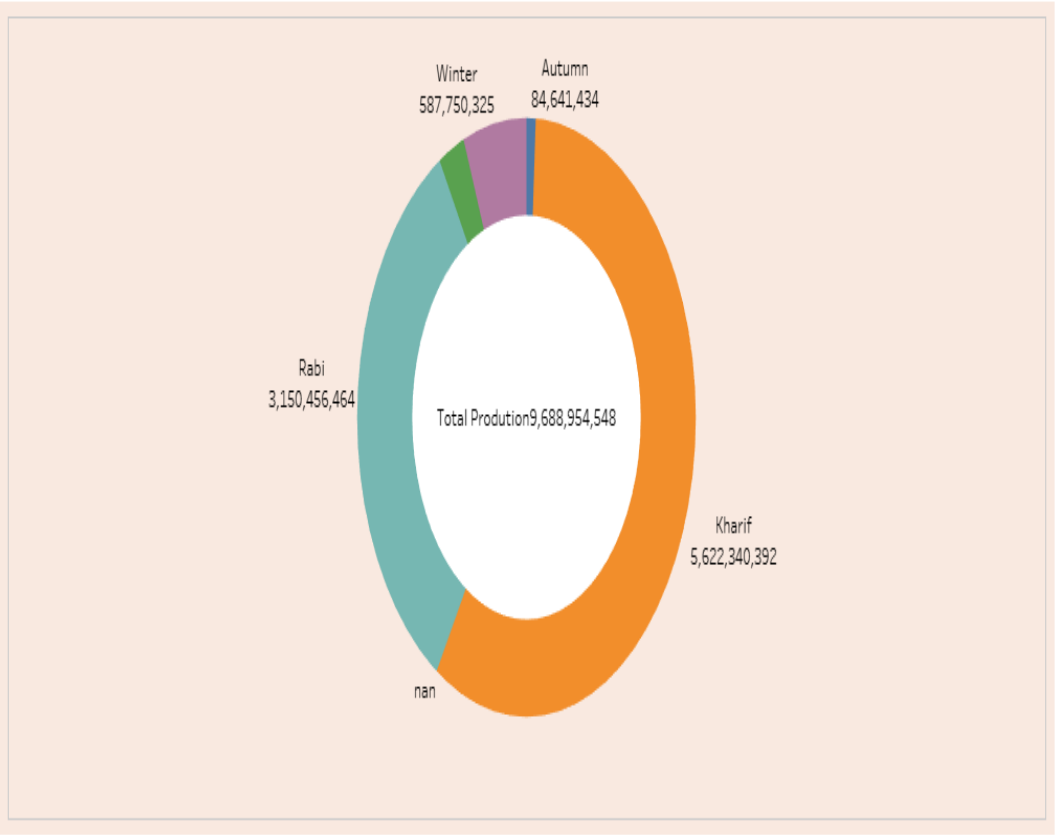
Crop yield growth:
year wise yield season

Crop planting
percentage: area

crop production in
tonnes : season

world cloud: the
following world

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4 ADVANTAGES & DISADVANTAGE

4.1 ADVANTAGES

- ❖ It provides employment to a large population.
- ❖ It has a great contribution to Indian economy.
- ❖ Agricultural is the source of food.
- ❖ Live a healthy life.

4.2 DISADVANTAGES

- ❖ The use of ground water for tube well irrigation has led to water depletion.
- ❖ Changing climate.

- ❖ More land requirement.
- ❖ Enviromental degradation.

5 APPLICATIONS

- ❖ The science and practice of growing crops by the cultivation of the land.
- ❖ The agricultural sector is of vital importance for the region.
- ❖ Agricultural has given so much to society.
- ❖ India's agricultural sector is still very important to the Indian economy.

6 . CONCLUSION

- ❖ I complete my course videos .
- ❖ I attended the every week class.
- ❖ Then ,I built my empathy map and brainstorming map according to my topic . I uploaded this files in github.
- ❖ Then I found my data set through the **NAAN MUDHALVAN** login.
- ❖ By using link. I downloaded it.
- ❖ I downloaded the app "**tableau**" then I tried it to activate for 14 days ,
- ❖ I connected it in the given data.

- ❖ The data source uploaded in the tableau . I built my 9 type of activities .
- ❖ Then collect the activities in the dashboard 1,2,3.
- ❖ Then prepared the story the collection of data and published it in the google chrome.
- ❖ I took my screen recording with my voice .
- ❖ That video also explained about the project that I do.
- ❖ Finally , I uploaded all the data , activities , dashboard , stories etc.in Github.

7 . FUTURE SCOPE

- ❖ It given very good Indian agricultural in future.
- ❖ Indian rank second worldwide in farm outputs.

8. APPENDIX

- ❖ Agricultural resource surveys and data
- ❖ All data NASS , NRI , ALVS,ARMS,