INDIA'S AGRICULTURE CROP PRODUCTION ANALYSIS

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1 INTRODUCTION

1.1 Overview

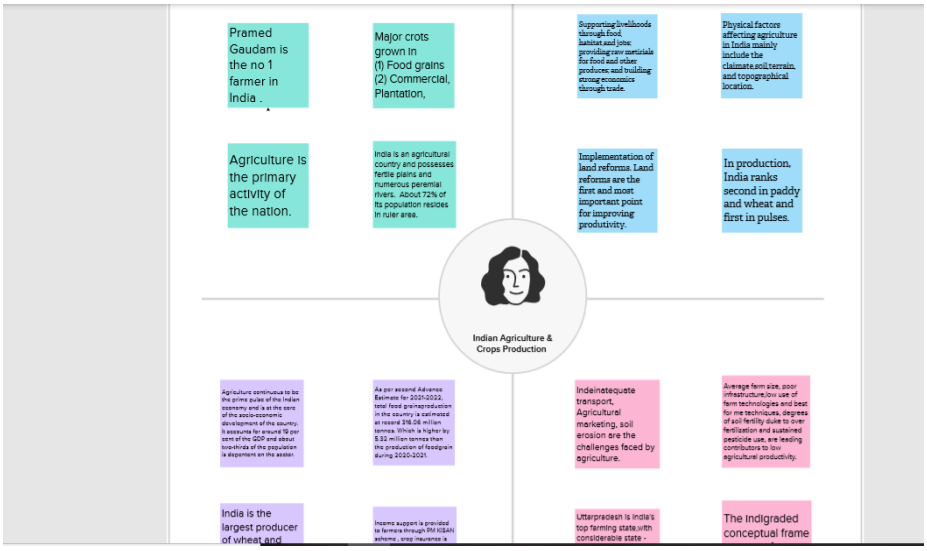
India's production of food grains has been increasing every year, and India is among the top producers of several crops such as wheat, rice, pulses, sugarcane and cotton. It is the highest producer of milk and second highest producer of fruits and vegetables.

1.2 Purpose

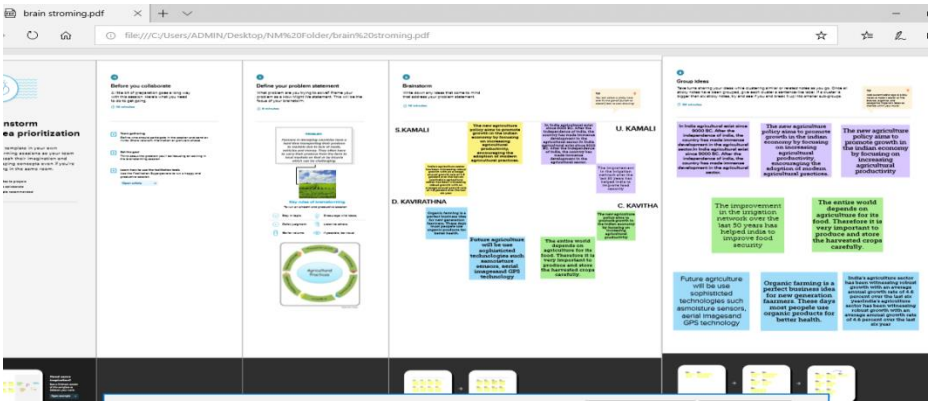
Agriculture has been the backbone of the Indian economy and it will continue to remain so for a long time. It has to support almost 17 per cent of world population from 2.3 per cent of world geographical area and 4.2 per cent of world's water resources.

2 Problem Definition & Design Thinking

2.1 Empathy Map



2.2 Ideation & Brainstorming Map



3 RESULT

3.1 Activity & Screenshot

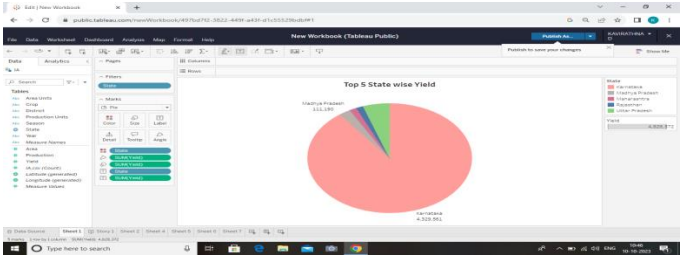
Milestone:1

We creating India's Agriculture crop production Analysis and give username and password to login.

Milestone:2

Activity-1 Top 5 State wise Yield

In agriculture, the yield is a measurement of the amount of a crop grown, or product such as wool, meat or milk produced, per unit area of land.



Activity-2 Statewise production

Production is the process of making or manufacturing goods and products from raw materials or components With the significant state-level agricultural output of bajra, rice, sugarcane, food grains, and many more crops, Uttar Pradesh is India's top farming state.

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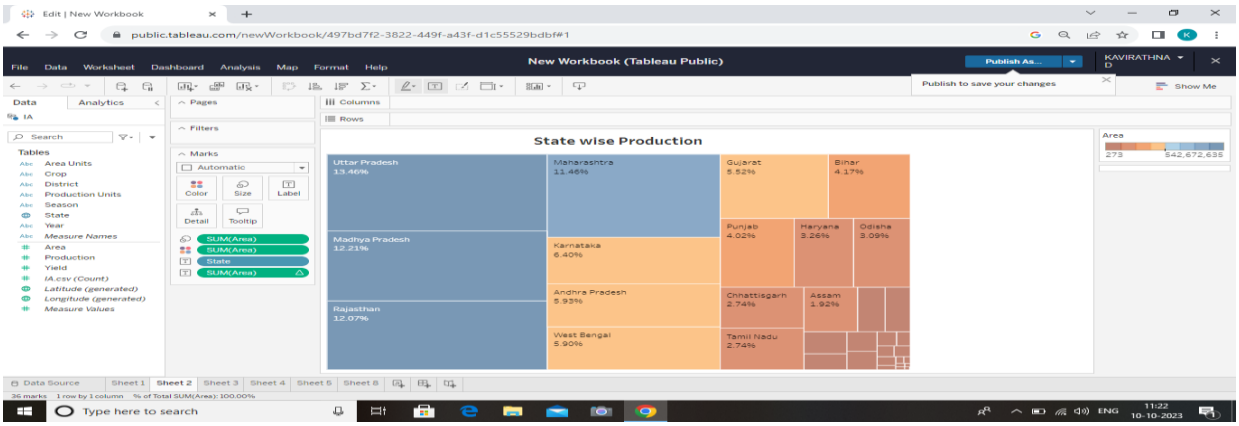
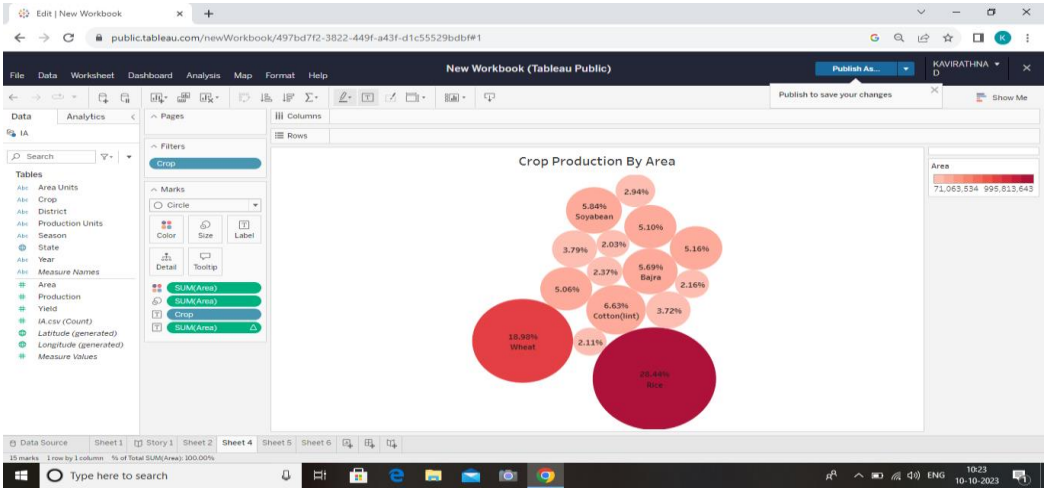


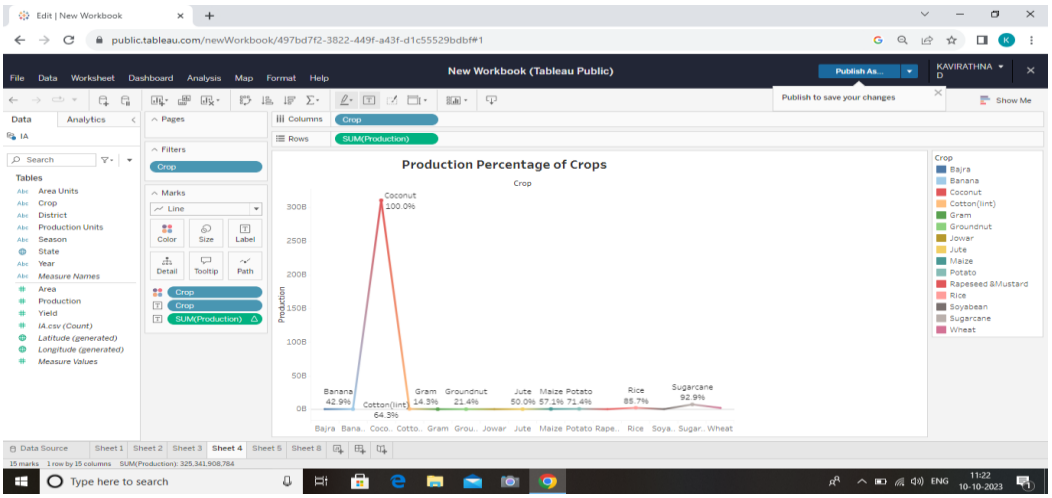
Activity-3 Crop Production By Area

Major crops grown in India are rice, wheat, millets, pulses, tea, coffee, sugarcane, oil seeds, cotton and jute, etc



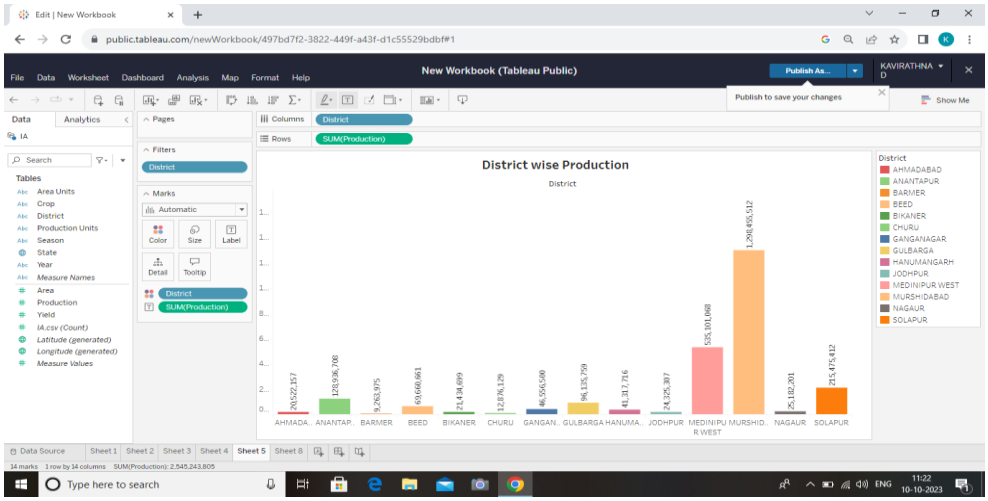
Activity-4 Production Percentage of crops

Crop production is the process of growing crops for domestic and commercial purposes. Some of the crops produced on a large scale include rice, wheat, maize



Activity-5 District wise Production

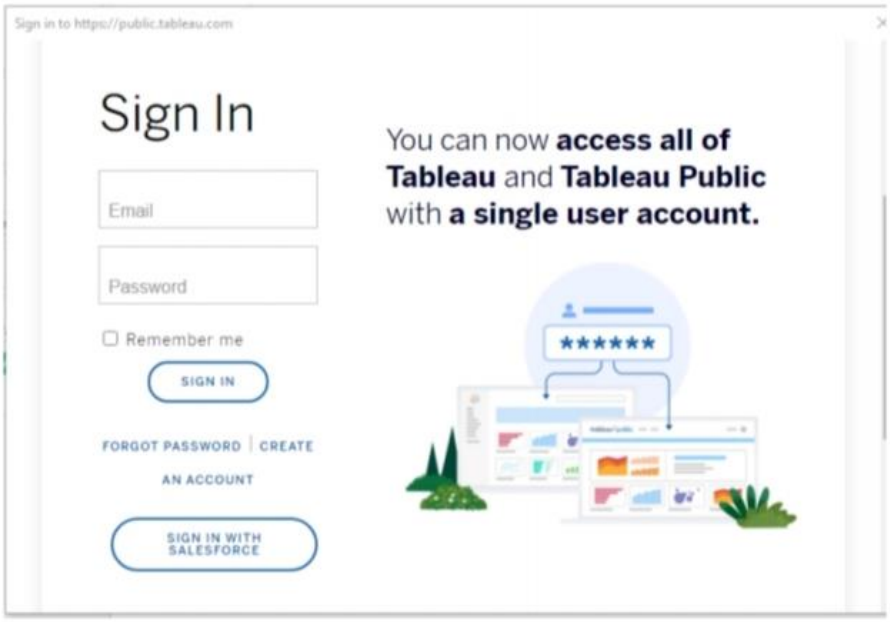
The data refers to district wise, crop wise, season wise and year wise data on crop covered area (Hectare) and production (Tonnes).



Milestone:3

Creation of user

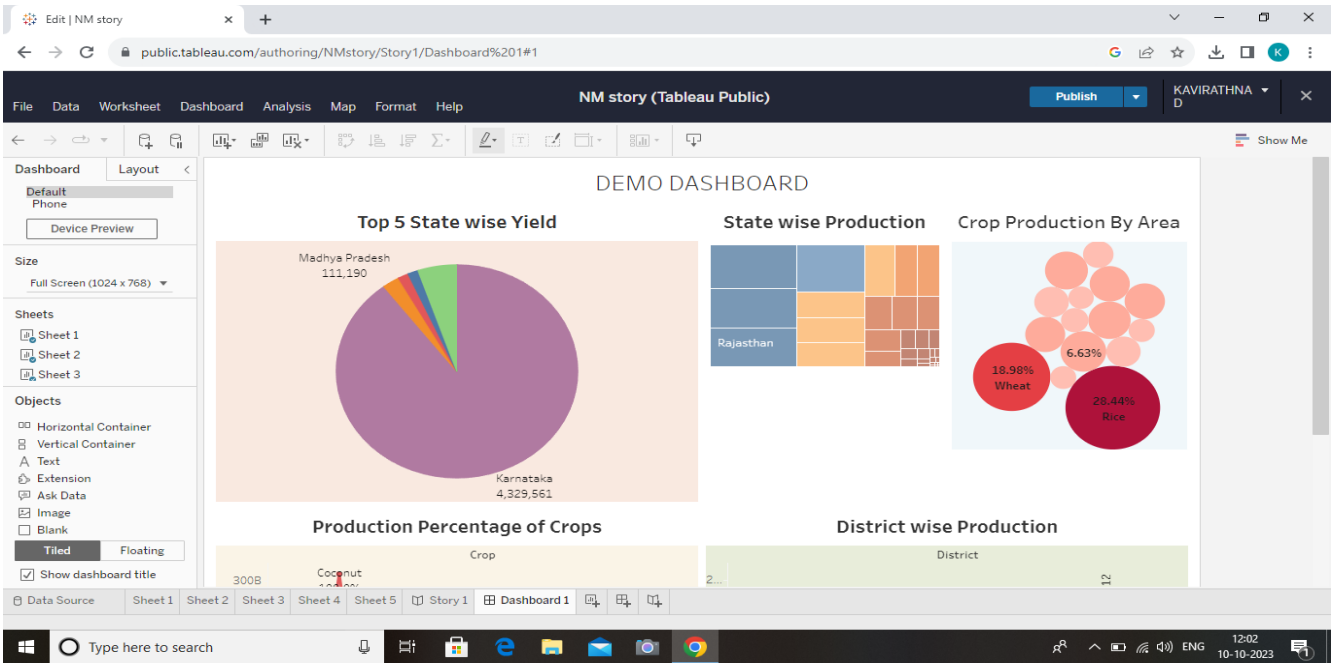
Enter user in quick find and click new, give first name, email , username and save it.



Milestone:4

Dashboard

Move to dashboard select new and give the report name product with stock availability update it. We saw chart for the report and save it.



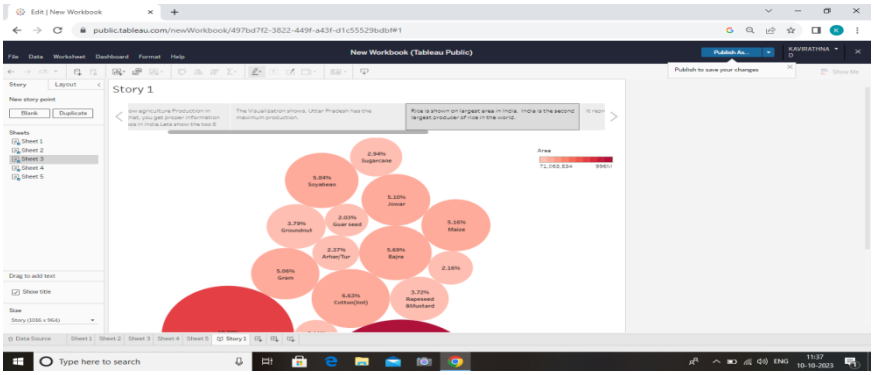
Dashboard Link:

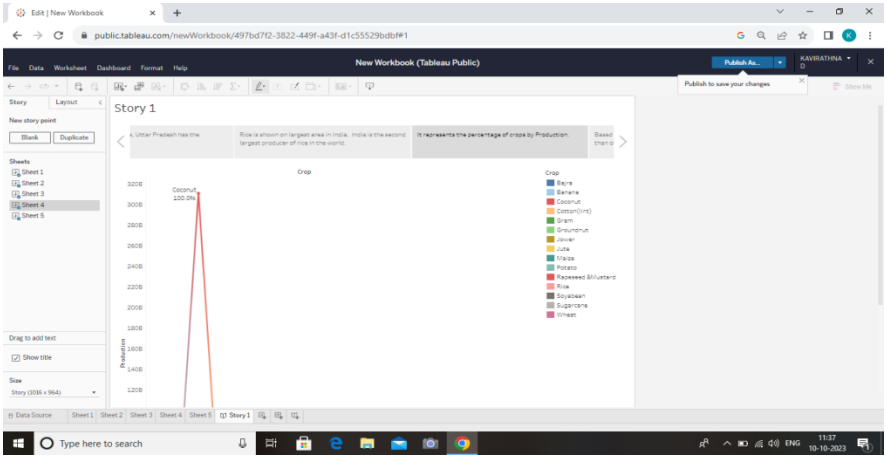
https://public.tableau.com/views/IADemoDashboard_16958169671580/Dashboard1?:language=en-US&publish=yes&:display_count=n&:origin=viz_share_link

Milestone:5

Story

A data story is a way of presenting data and analysis in a narrative format, with the goal of making the information more engaging and easier to understand.





Story Link:

https://public.tableau.com/authoring/NMstory/Story1#1

5 ADVANTAGES & DISADVANTAGES

Advantages of Indian Agricultural crops production Analysis It provides employment opportunity to the rural agricultural as well as non-agricultural labourers. It is the source of food and fodder. It also plays an important role in international business in import and export activities.

Disadvantages of Indian Agricultural crops production Analysis. Erosion of soil by heavy rain, floods, insufficient vegetation cover etc., reduces farm productivity. Inadequate irrigation facilities and poor management of water resources have led to a great decline in agricultural productivity.

6 APPLICATIONS

disease detection and pest management fertilizers, herbicides, pesticides, rodenticides, fumigants, and other inputs/applications for improved agricultural performance.

7 CONCLUSION

Traditional agriculture is an extractable process where all resources - human, water, and land - are taken and applied to immediate use.

8 FUTURE SCOPE

Traditional agriculture is an extractable process where all resourcehuman, water, and land - are taken and applied to immediate use.

projected to create a massive impact on the agricultural economy by bridging the gap between small and large-scale businesses.