

INTRODUCTION

Overview:

Agriculture is an important part of economic management. In recent years, due to the popularization of the Internet, the adjustment of agriculture industry structure and the information management of agricultural industry have been accelerated. The wide application of information technology in rural economic management can effectively promote the development of rural economic management can effectively promote the development of rural economy. Because the development of my country's agriculture information industry started late, and its application is relatively late. On this basis, this article studies the advantages and disadvantages of agriculture economic information management information, such as modern production factors and agriculture economic information management by means of agriculture data collection. Taking the agricultural economic management informationization as the experimental group and traditional agriculture economic management as the control group, the application research is carried out. Through the use case test of the agriculture informationization platform data collection system, it is shown that information technology can effectively improve the efficiency of agricultural production. Experimental results shows that information management in agricultural production and life. In addition, the government economic management information.



PURPOSE:

Agriculture is the foundation of the Indian economy. The population of India mostly depends on agriculture for their livelihood and agriculture contributes to 40% of the total GDP of the country.

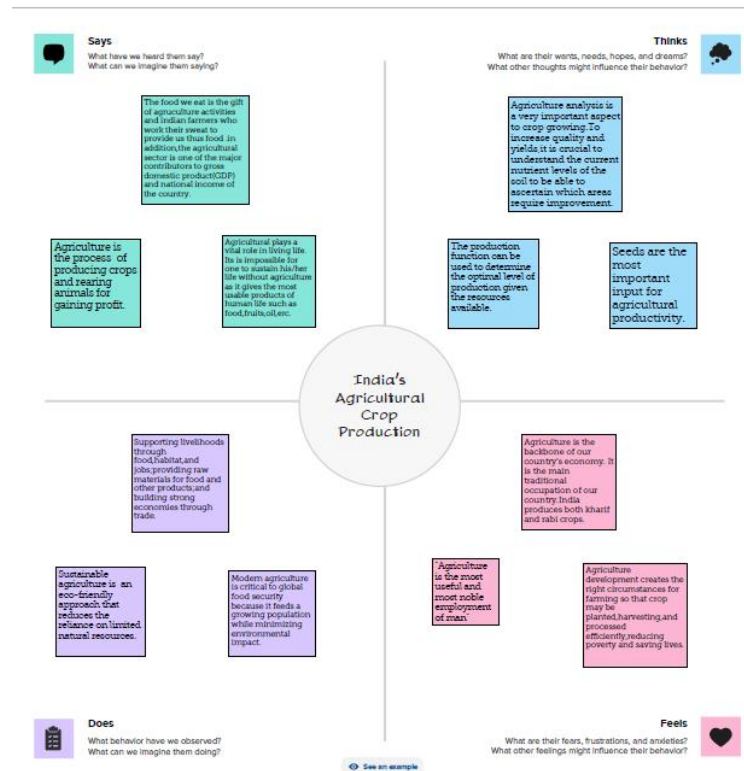
- * Agriculture is the backbone of our country's economy.

- * It is the main traditional occupation of our country.

- * The main crops produced in India are rice, wheat, maize, jute, sugarcane, other cereals, pulses, spices, cotton, tea, coffee, etc.

PROBLEM DEFINITION & DESIGN THINKING

Empathy Map



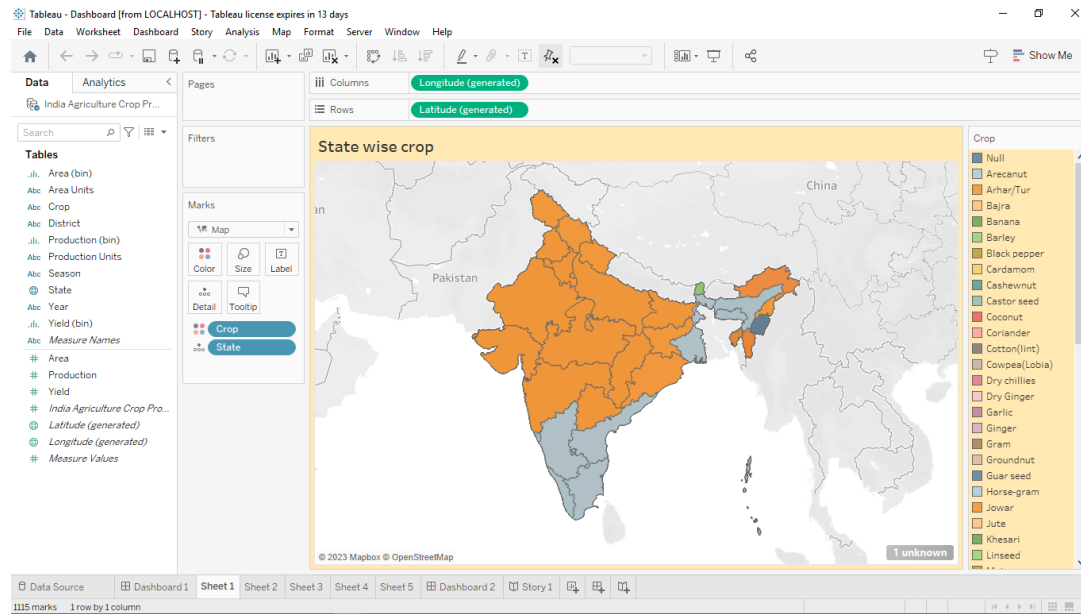
Ideation & Brainstorming Map



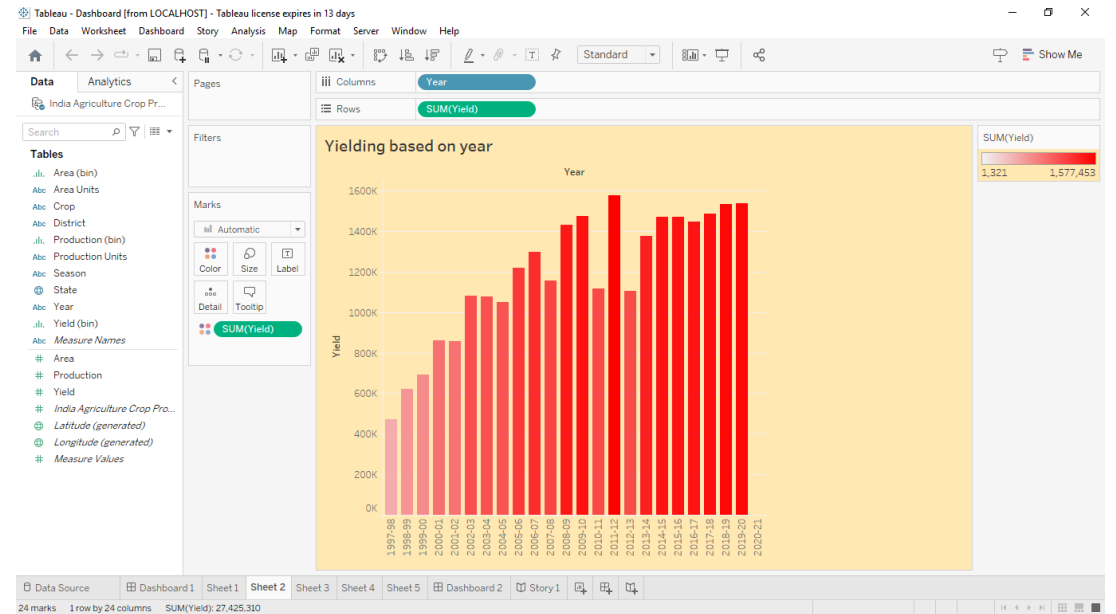
RESULT		
Data Mode		
TITLE	FIELDS IN THE AGRICULTURE	
India's Agriculture Crop Production	FIELDS LABEL	DATA TYPE
	Latitude (generated) Longitude (generated)	picklist
	State	Multipicklist
	Area Production CNTOF (India Agriculture Crop Production) Measure Values	Numbers
	Area Units Crop District Production Units Season Year Measure Names	Text

ACTIVITY & SCREENSHOT

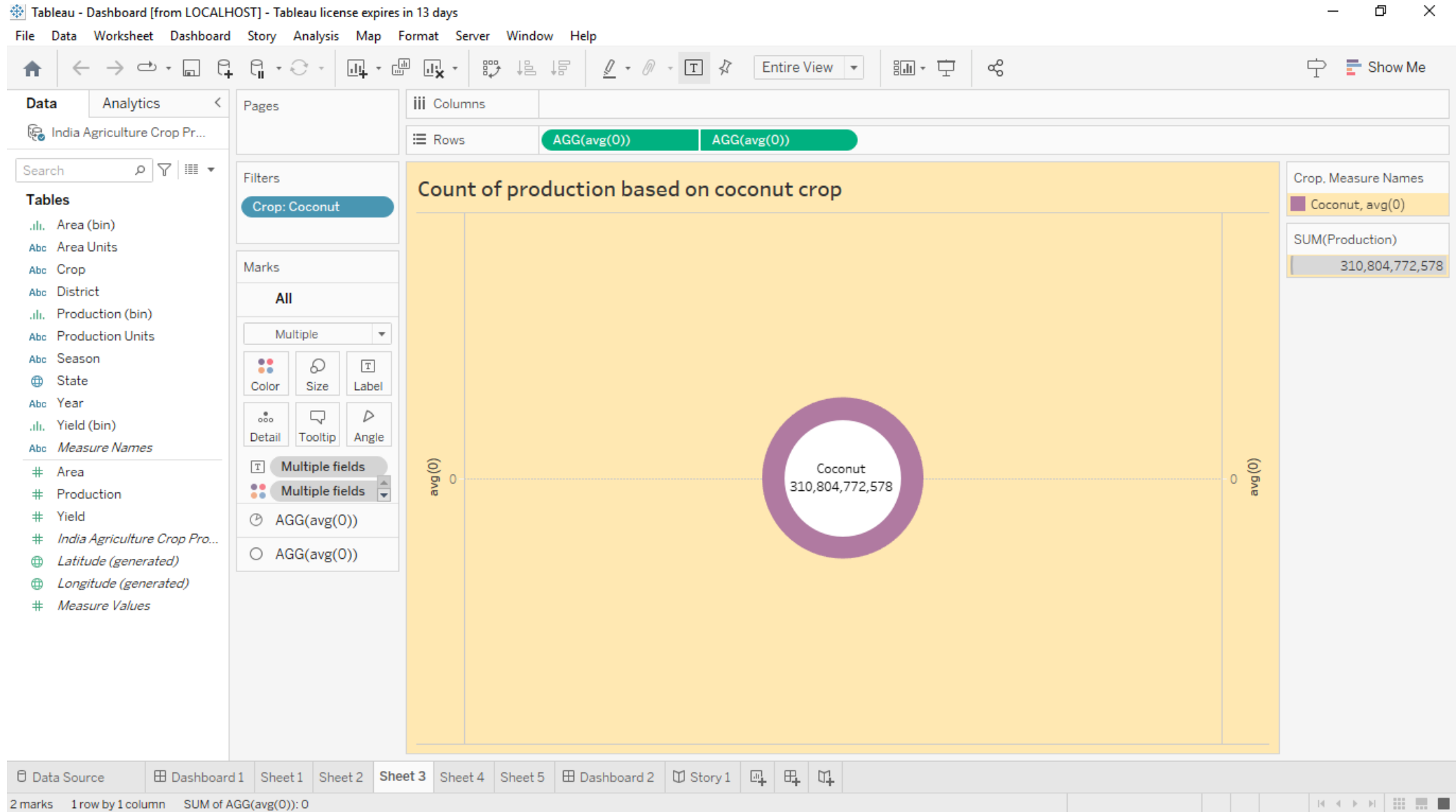
State wise crop



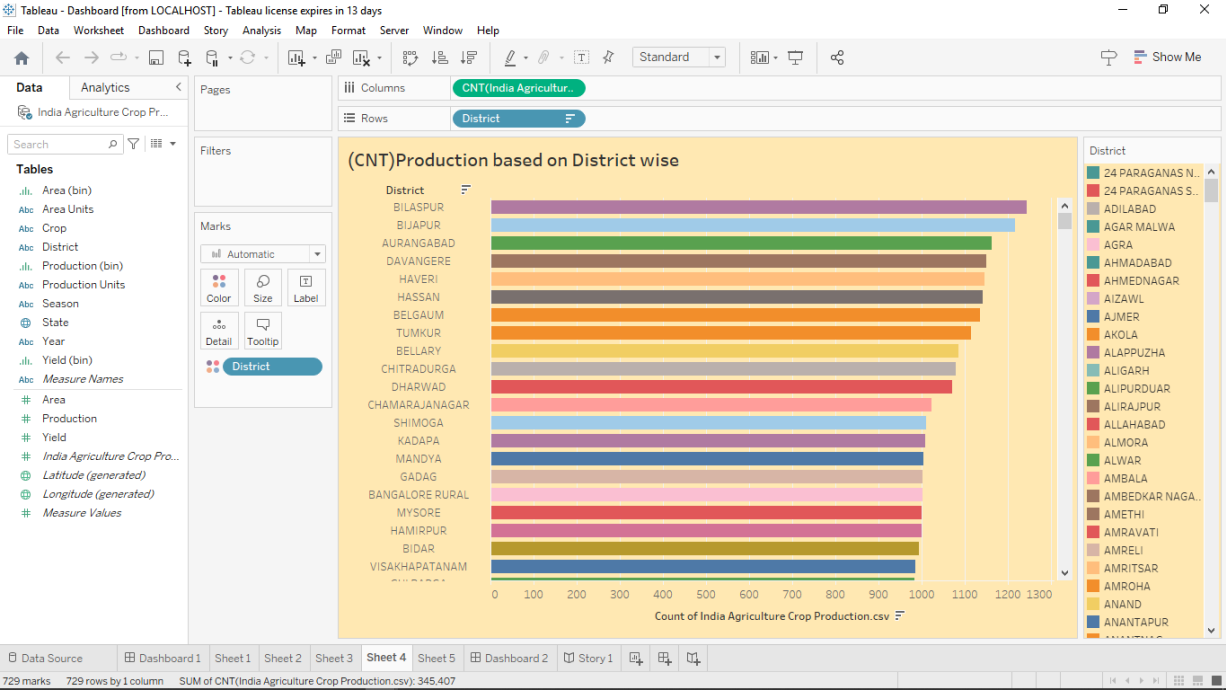
Yielding based on year



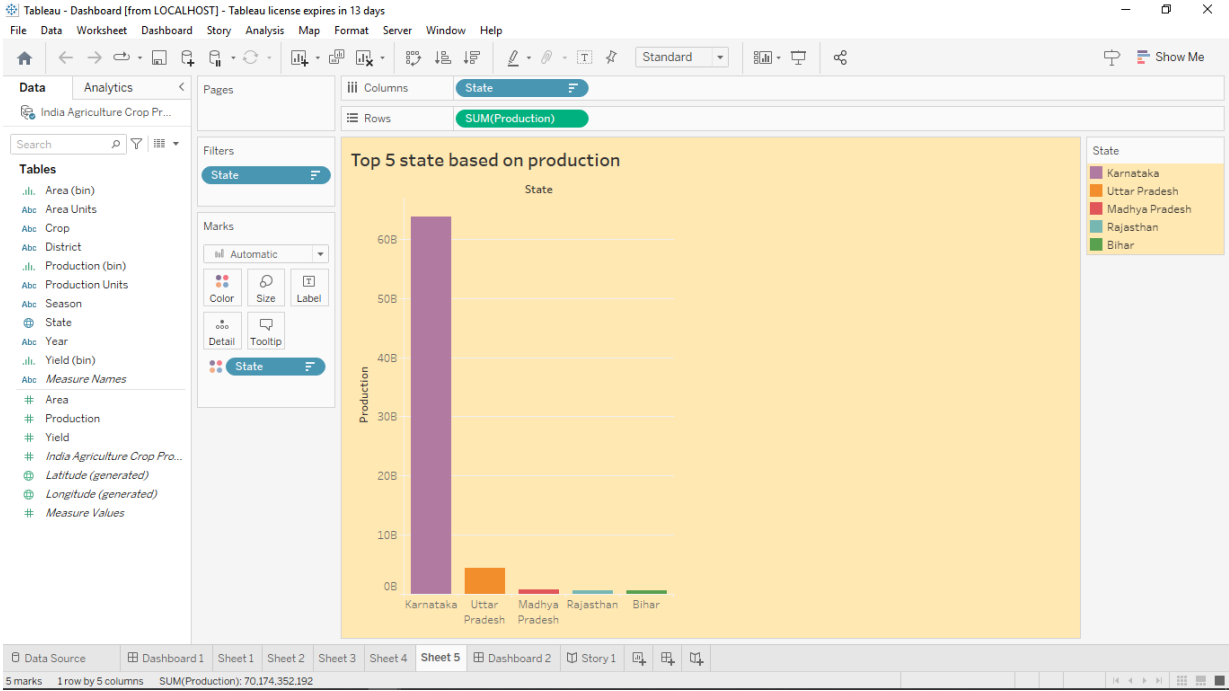
Count of production based on coconut crop



(CNT)Production based on district wise



Top 5 state based on production



❖ ADVANTAGE'S & DISADVANTAGE'S

Advantages

- ✓ Supporting livelihood through food, habitat and jobs.
- ✓ Providing raw materials for food and other products.
- ✓ Building strong economies through trade.
- ✓ Agriculture will increase the natural resource optimization.

Disadvantages

- ⊘ Now a days modern farming methods have overused the natural resource base.
- ⊘ Increased use of fertiliers has led to the cass of soil fertility.
- ⊘ The use of groundwater for tube well irrigation has led to water deplation.
- ⊘ Modern farming mehods require a great deal of capital.

APPLICATIONS'

- Climate conduction monitoring
- Precision agriculture
- Smart greenhouse
- Data analytics
- Livestock monitoring
- Agricultural drones

conclusion

In the process of studying the advantages and disadvantages of agriculture economic management informatization, this paper uses the agriculture data collection system as the test platform, the agricultural economic management informatization as the experimental group, and the traditional agricultural economic management as the control group. The simple scale is used to evaluate the data processing ability of the two groups. In the comparative analysis, the experimental group can effectively improve agricultural data collection capabilities and village information management capabilities, enabling effective management information can not only effectively increase farmer's economic income, but also greatly promote the development of the national economy.

FUTURE SCOPE

There is a tremendous scope for agriculture because food & food products are indispensable for the survival of humanity.

It's a recession proof industry because when every industry is downsizing the demand for food crops is on a rise underlining the need for agricultural productivity.

APPENDIX

- SOURCE CODE

DashBoard Link :

https://public.tableau.com/app/profile/sivabharathi.p3722/viz/Dashboard_116968381100100/Dashboard2?publish=yes

Story Link :

https://public.tableau.com/app/profile/sivabharathi.p3722/viz/story_16968366657490/Story1?publish=yes

