Project Report Template

1 Introduction

1.1 Overview

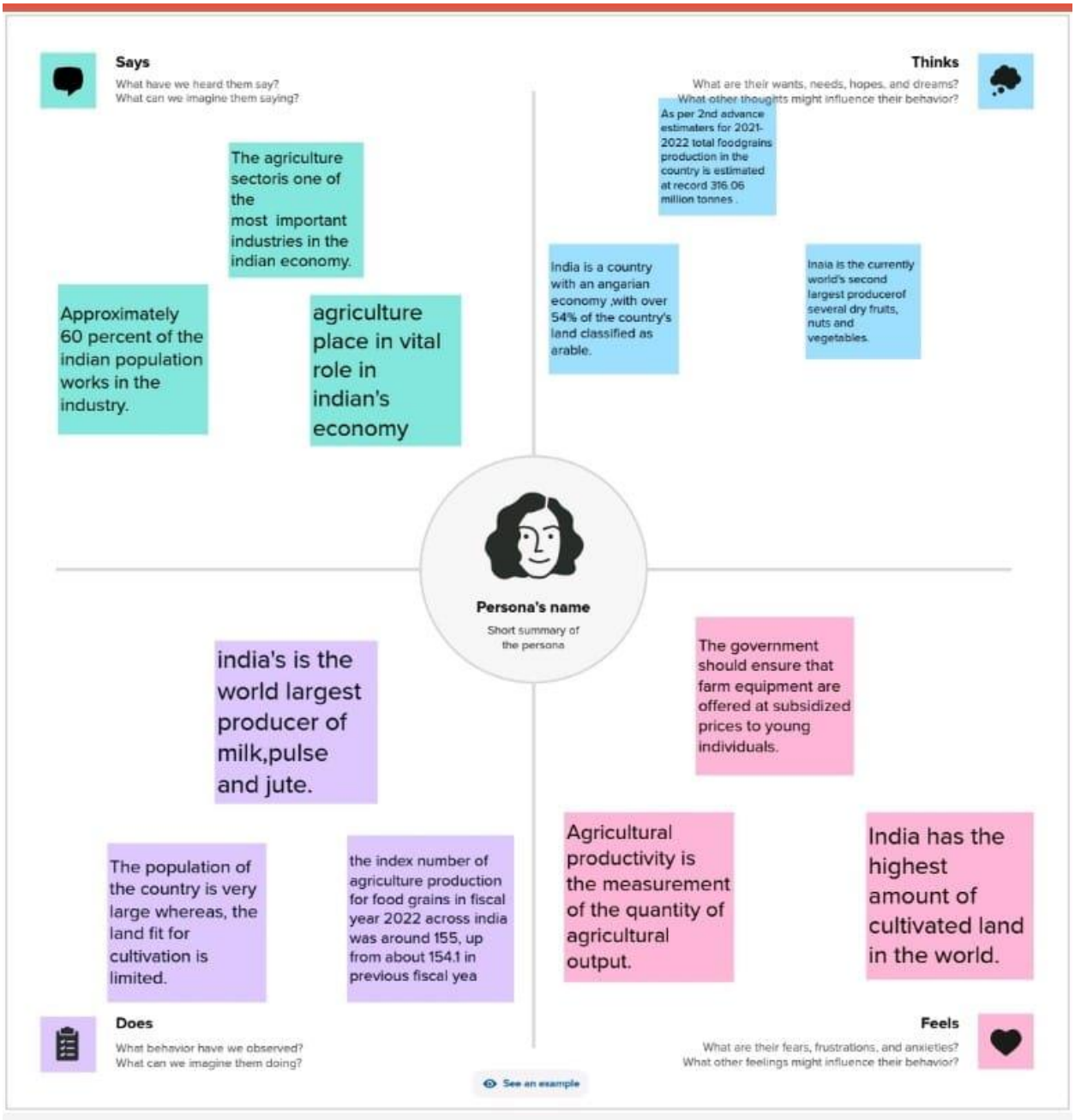
India’s already large population is expected to become the world’s largest in the next 20 years, while economy will soon overtake Japan’s to become the world’s third largest. The resulting increase in the demand for food will need to be met through higher agricultural productivity or by increasing food imports. This article discusses sum of the key areas of progress and challenges for India’s agricultural sector, including, productivity, water management, government policies and programs, and food distribution and storage.

1.2 Purpose

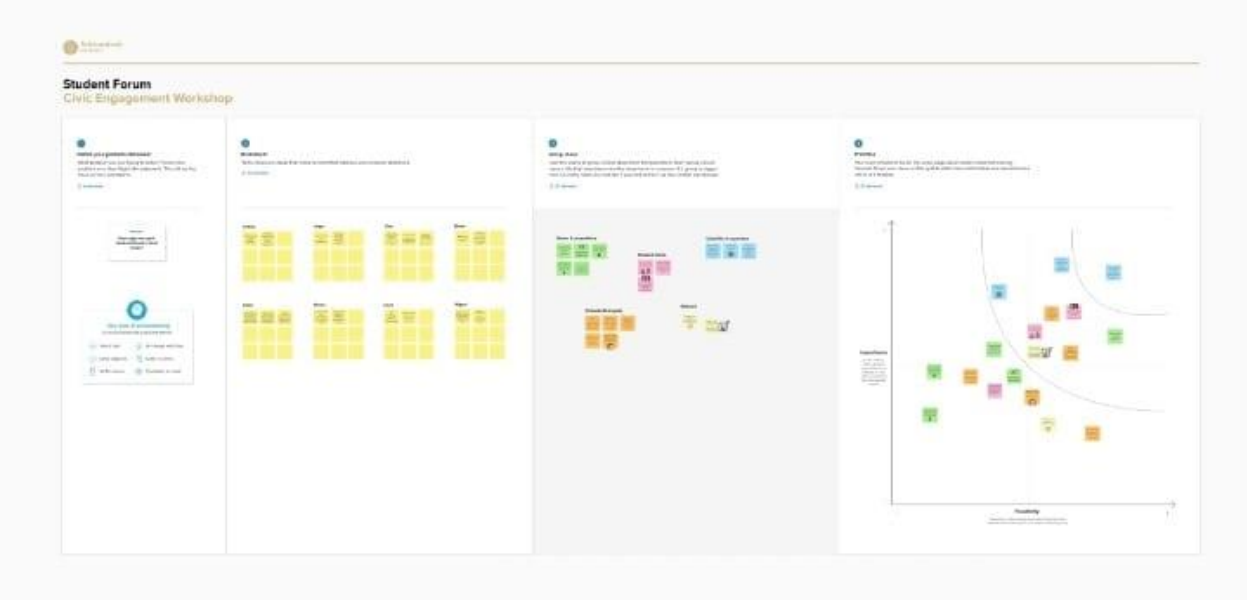
India has a particular large agricultural sector. While the sector’s share of GDP has halved in the past 30 years to around 15 per cent, it still employs around half of India’s workforce and accounts for much of the volatility in Indian GDP. India has the second largest area of arable land in the world and is major producer of a number of agricultural products (Table 1). Around the turn of the century, India overtook the United States as the world’s largest producer of milk and is also a major producer of pulses, such as chickpeas and lentils, which are major sources of protein in vegetarian diets.

2 Problem Definition & Design Thinking

2.1 Empathy Map



2.2 Ideation & Brainstorming Map



3 RESULT

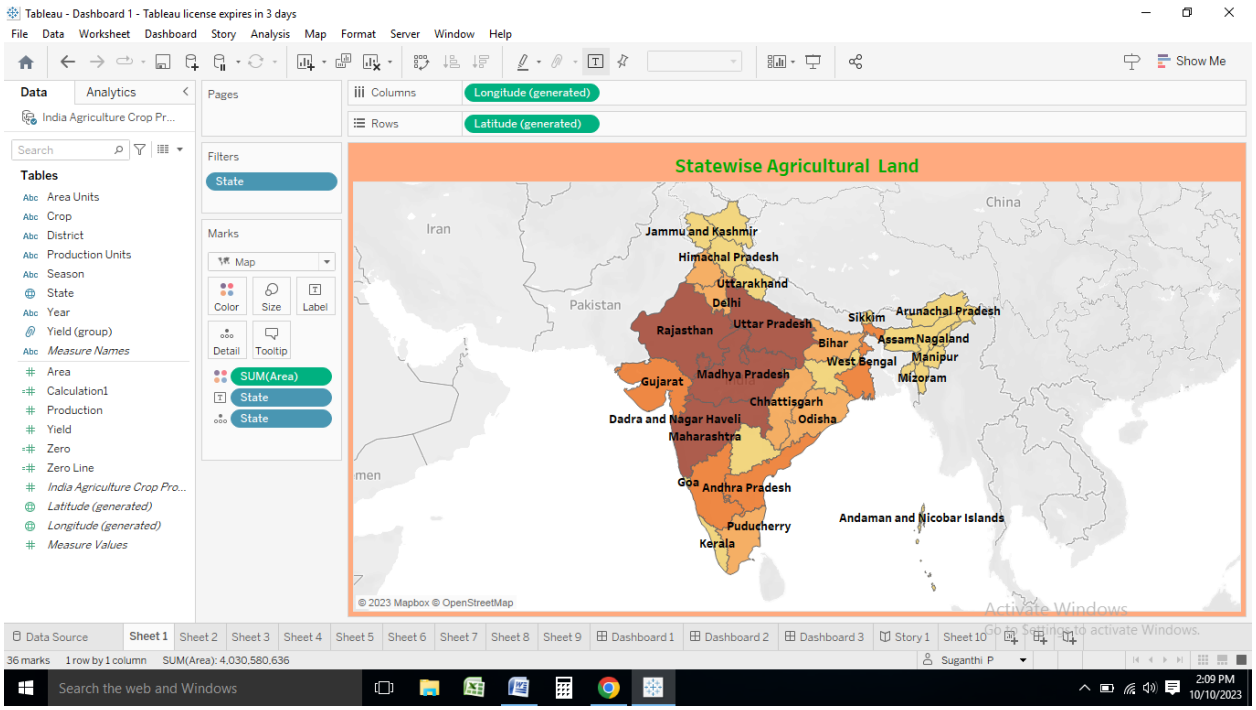
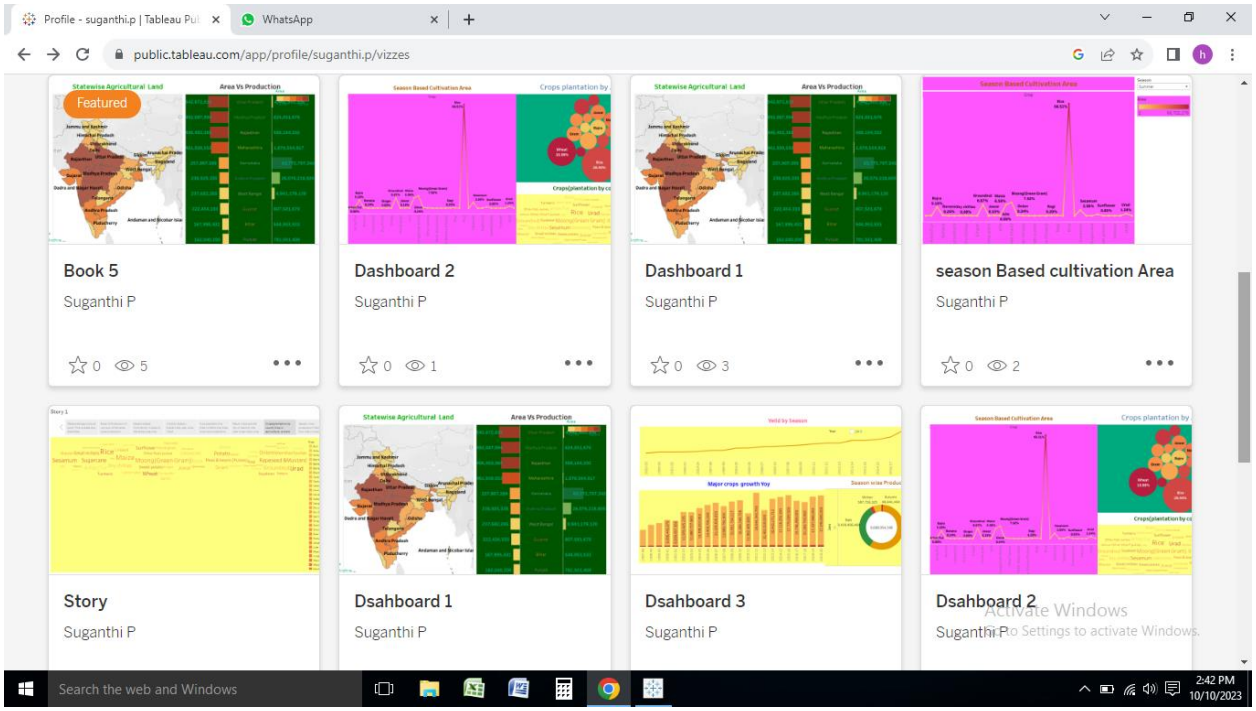


Tableau - Dashboard 1 - Tableau license expires in 3 days
File Data Worksheet Dashboard Story Analysis Map Format Server Window Help
Show Me
Data Analytics
India Agriculture Crop Pr...
Tables
Abc Area Units
Abc Crop
Abc District
Abc Production Units
Abc Season
State
Abc Year
Yield (group)
Abc Measure Names
Area
Calculation1
Production
Yield
Zero
Zero Line
India Agriculture Crop Pro...
Latitude (generated)
Longitude (generated)
Measure Values
Pages
Filters
State
Marks
Map
Color
Size
Label
Detail
Tooltip
SUM(Area)
State
State
Columns
Longitude (generated)
Rows
Latitude (generated)
Statewise Agricultural Land
China
Iran
Pakistan
Jammu and Kashmir
Himachal Pradesh
Uttarakhand
Delhi
Rajasthan
Uttar Pradesh
Sikkim
Arunachal Pradesh
Bihar
Assam
Nagaland
Manipur
West Bengal
Mizoram
Gujarat
Madhya Pradesh
Chhattisgarh
Odisha
Dadra and Nagar Haveli
Maharashtra
Goa
Andhra Pradesh
Puducherry
Kerala
Andaman and Nicobar Islands
© 2023 Mapbox © OpenStreetMap
Data Source
Sheet 1
Sheet 2
Sheet 3
Sheet 4
Sheet 5
Sheet 6
Sheet 7
Sheet 8
Sheet 9
Dashboard 1
Dashboard 2
Dashboard 3
Story 1
Sheet 10
36 marks
1 row by 1 column
SUM(Area): 4,030,580,636
Suganthi P
Search the web and Windows
2:09 PM
10/10/2023


Profile - suganthi.p | Tableau Pu
WhatsApp
public.tableau.com/app/profile/suganthi.p/vizzes
Featured
Book 5
Suganthi P
0 5
Dashboard 2
Suganthi P
0 1
Dashboard 1
Suganthi P
0 3
season Based cultivation Area
Suganthi P
0 2
Story
Suganthi P
Dsahboard 1
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Dsahboard 3
Suganthi P
Dsahboard 2
Suganthi P
Activate Windows
Go to Settings to activate Windows.
Search the web and Windows
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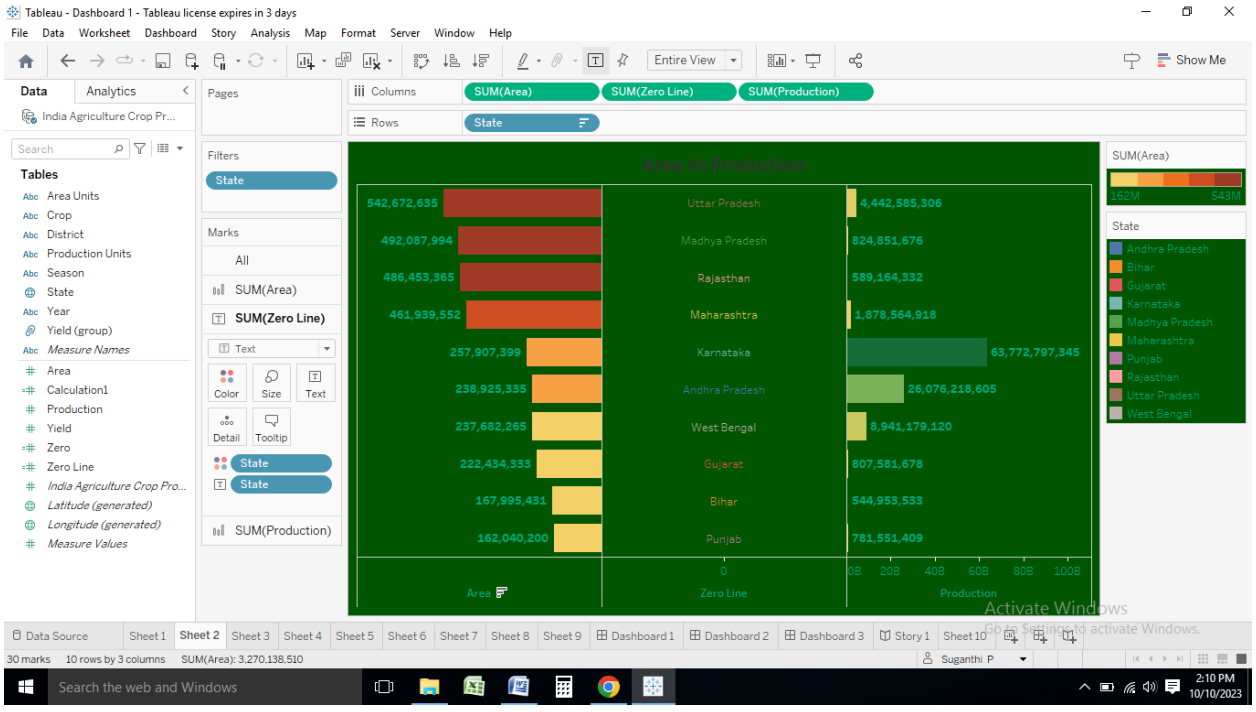
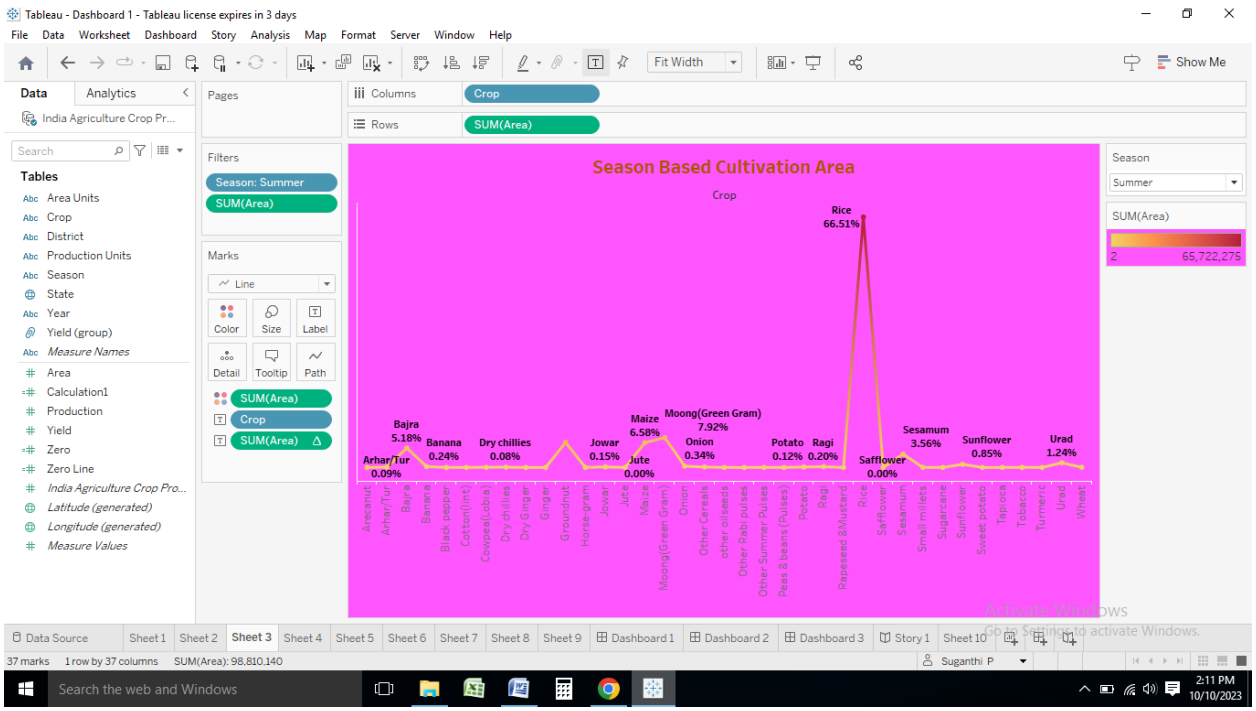


Tableau - Dashboard 1 - Tableau license expires in 3 days
File Data Worksheet Dashboard Story Analysis Map Format Server Window Help
Entire View
Show Me
Data
Analytics
India Agriculture Crop Pr...
Tables
Area Units
Crop
District
Production Units
Season
State
Year
Yield (group)
Measure Names
Area
Calculation1
Production
Yield
Zero
Zero Line
India Agriculture Crop Pro...
Latitude (generated)
Longitude (generated)
Measure Values
Pages
Filters
State
Marks
All
SUM(Area)
SUM(Zero Line)
Text
Color
Size
Text
Detail
Tooltip
State
State
SUM(Production)
Columns
SUM(Area)
SUM(Zero Line)
SUM(Production)
Rows
State
Area Vs Production
542,672,635
492,087,994
486,453,365
461,939,552
257,907,399
238,925,335
237,682,265
222,434,333
167,995,431
162,040,200
Uttar Pradesh
Madhya Pradesh
Rajasthan
Maharashtra
Karnataka
Andhra Pradesh
West Bengal
Gujarat
Bihar
Punjab
4,442,585,306
824,851,676
589,164,332
1,878,564,918
63,772,797,345
26,076,218,605
8,941,179,120
807,581,678
544,953,533
781,551,409
0
20B
40B
60B
80B
100B
Area
Zero Line
Production
SUM(Area)
162M
543M
State
Andhra Pradesh
Bihar
Gujarat
Karnataka
Madhya Pradesh
Maharashtra
Punjab
Rajasthan
Uttar Pradesh
West Bengal
Activate Windows
Go to Settings to activate Windows.
Data Source
Sheet 1
Sheet 2
Sheet 3
Sheet 4
Sheet 5
Sheet 6
Sheet 7
Sheet 8
Sheet 9
Dashboard 1
Dashboard 2
Dashboard 3
Story 1
Sheet 10
30 marks
10 rows by 3 columns
SUM(Area): 3,270,138,510
Suganthi P
Search the web and Windows
2:10 PM
10/10/2023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Fit Width
Show Me
Data
Analytics
India Agriculture Crop Pr...
Search
Tables
Area Units
Crop
District
Production Units
Season
State
Year
Yield (group)
Measure Names
Area
Calculation1
Production
Yield
Zero
Zero Line
India Agriculture Crop Pro...
Latitude (generated)
Longitude (generated)
Measure Values
Pages
Columns
Crop
Rows
SUM(Area)
Filters
Season: Summer
SUM(Area)
Marks
Line
Color
Size
Label
Detail
Tooltip
Path
SUM(Area)
Crop
SUM(Area)
Season Based Cultivation Area
Crop
Rice 66.51%
Bajra 5.18%
Banana 0.24%
Dry chillies 0.08%
Jowar 0.15%
Maize 6.58%
Moong(Green Gram) 7.92%
Onion 0.34%
Potato 0.12%
Ragi 0.20%
Sesamum 3.56%
Sunflower 0.85%
Urad 1.24%
Arhar/Tur 0.09%
Jute 0.00%
Safflower 0.00%
Season
Summer
SUM(Area)
2
65,722,275
Data Source
Sheet 1
Sheet 2
Sheet 3
Sheet 4
Sheet 5
Sheet 6
Sheet 7
Sheet 8
Sheet 9
Dashboard 1
Dashboard 2
Dashboard 3
Story 1
Sheet 10
37 marks
1 row by 37 columns
SUM(Area): 98,810,140
Suganthi P
Search the web and Windows
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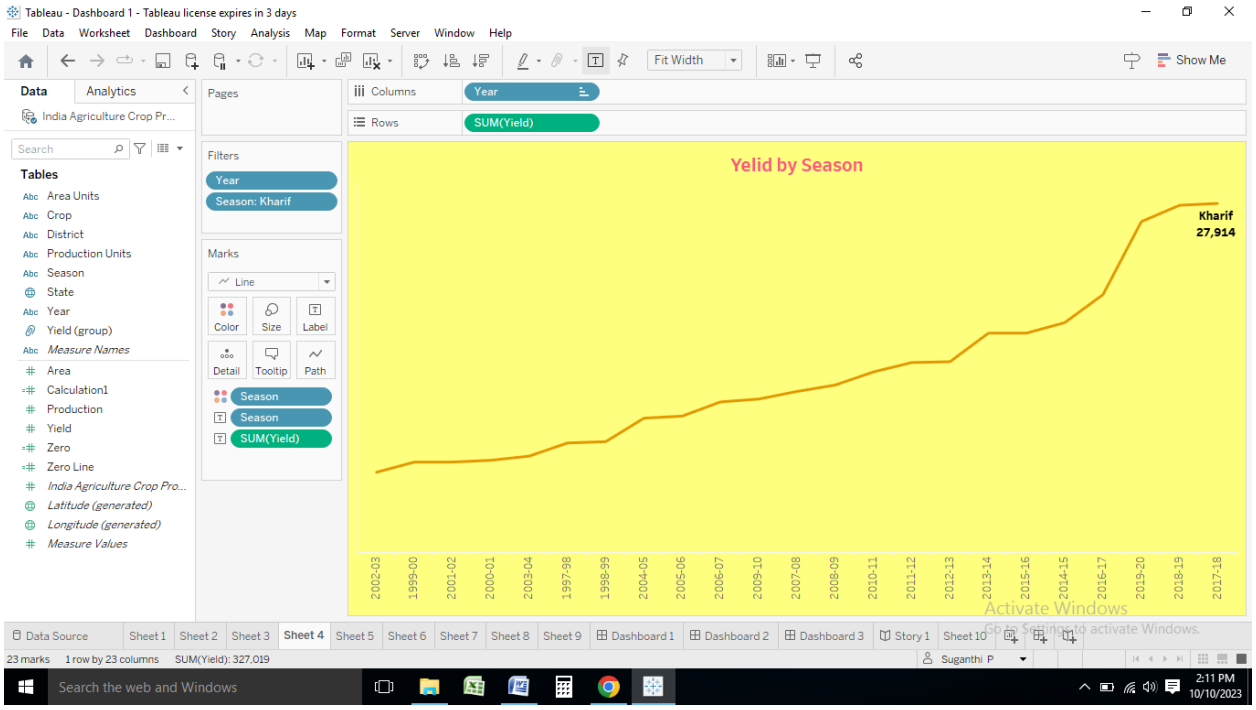
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Data
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India Agriculture Crop Pr...
Search
Tables
Area Units
Crop
District
Production Units
Season
State
Year
Yield (group)
Measure Names
Area
Calculation1
Production
Yield
Zero
Zero Line
India Agriculture Crop Pro...
Latitude (generated)
Longitude (generated)
Measure Values
Pages
Columns
Year
Rows
SUM(Yield)
Filters
Year
Season: Kharif
Marks
Line
Color
Size
Label
Detail
Tooltip
Path
Season
Season
SUM(Yield)
Yelid by Season
Kharif 27,914
Data Source
Sheet 1
Sheet 2
Sheet 3
Sheet 4
Sheet 5
Sheet 6
Sheet 7
Sheet 8
Sheet 9
Dashboard 1
Dashboard 2
Dashboard 3
Story 1
Sheet 10
23 marks
1 row by 23 columns
SUM(Yield): 327,019
Suganthi P
Search the web and Windows
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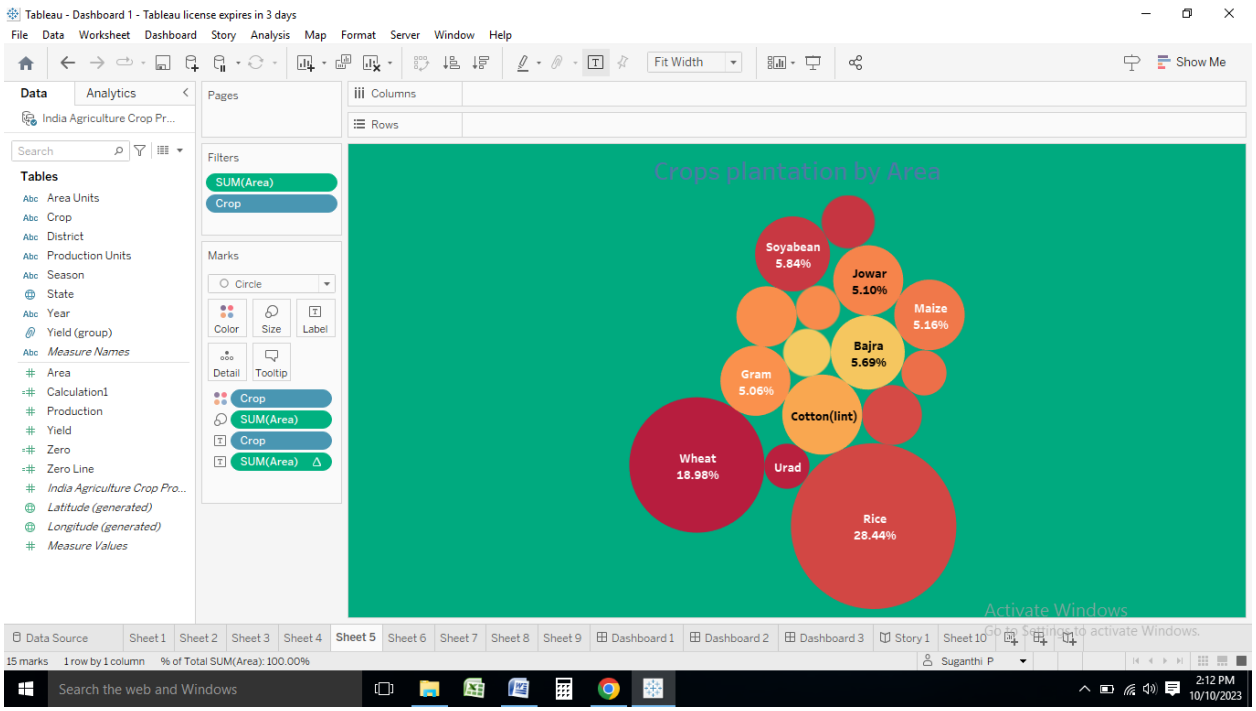
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Tables
Area Units
Crop
District
Production Units
Season
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Year
Yield (group)
Measure Names
Area
Calculation1
Production
Yield
Zero
Zero Line
India Agriculture Crop Pro...
Latitude (generated)
Longitude (generated)
Measure Values
Pages
Columns
Rows
Filters
SUM(Area)
Crop
Marks
Circle
Color
Size
Label
Detail
Tooltip
Crop
SUM(Area)
Crop
SUM(Area)
Crops plantation by Area
Soyabean 5.84%
Jowar 5.10%
Maize 5.16%
Bajra 5.69%
Gram 5.06%
Cotton(lint)
Wheat 18.98%
Urad
Rice 28.44%
Activate Windows
Go to Settings to activate Windows.
Data Source
Sheet 1
Sheet 2
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Sheet 4
Sheet 5
Sheet 6
Sheet 7
Sheet 8
Sheet 9
Dashboard 1
Dashboard 2
Dashboard 3
Story 1
Sheet 10
15 marks
1 row by 1 column
% of Total SUM(Area): 100.00%
Suganthi P
Search the web and Windows
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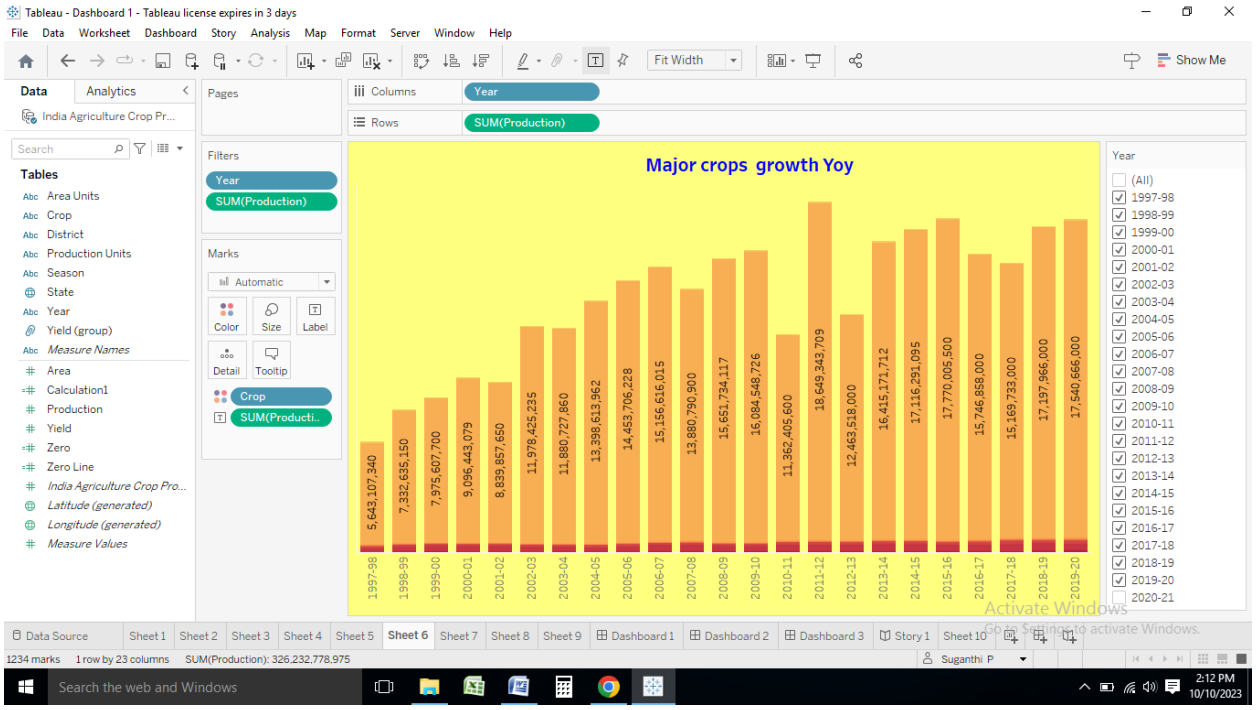
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Area Units
Crop
District
Production Units
Season
State
Year
Yield (group)
Measure Names
Area
Calculation1
Production
Yield
Zero
Zero Line
India Agriculture Crop Pro...
Latitude (generated)
Longitude (generated)
Measure Values
Pages
Columns
Year
Rows
SUM(Production)
Filters
Year
SUM(Production)
Marks
Automatic
Color
Size
Label
Detail
Tooltip
Crop
SUM(Producti..
Major crops growth Yoy
5,643,107,340
7,332,635,150
7,975,607,700
9,096,443,079
8,839,857,650
11,978,425,235
11,880,727,860
13,398,613,962
14,453,706,228
15,156,616,015
13,880,790,900
15,651,734,117
16,084,548,726
11,362,405,600
18,649,343,709
12,463,518,000
16,415,171,712
17,116,291,095
17,770,005,500
15,746,858,000
15,169,733,000
17,197,966,000
17,540,666,000
1997-98
1998-99
1999-00
2000-01
2001-02
2002-03
2003-04
2004-05
2005-06
2006-07
2007-08
2008-09
2009-10
2010-11
2011-12
2012-13
2013-14
2014-15
2015-16
2016-17
2017-18
2018-19
2019-20
Year
(All)
1997-98
1998-99
1999-00
2000-01
2001-02
2002-03
2003-04
2004-05
2005-06
2006-07
2007-08
2008-09
2009-10
2010-11
2011-12
2012-13
2013-14
2014-15
2015-16
2016-17
2017-18
2018-19
2019-20
2020-21
Activate Windows
Go to Settings to activate Windows.
Data Source
Sheet 1
Sheet 2
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Sheet 4
Sheet 5
Sheet 6
Sheet 7
Sheet 8
Sheet 9
Dashboard 1
Dashboard 2
Dashboard 3
Story 1
Sheet 10
1234 marks
1 row by 23 columns
SUM(Production): 326,232,778,975
Suganthi P
Search the web and Windows
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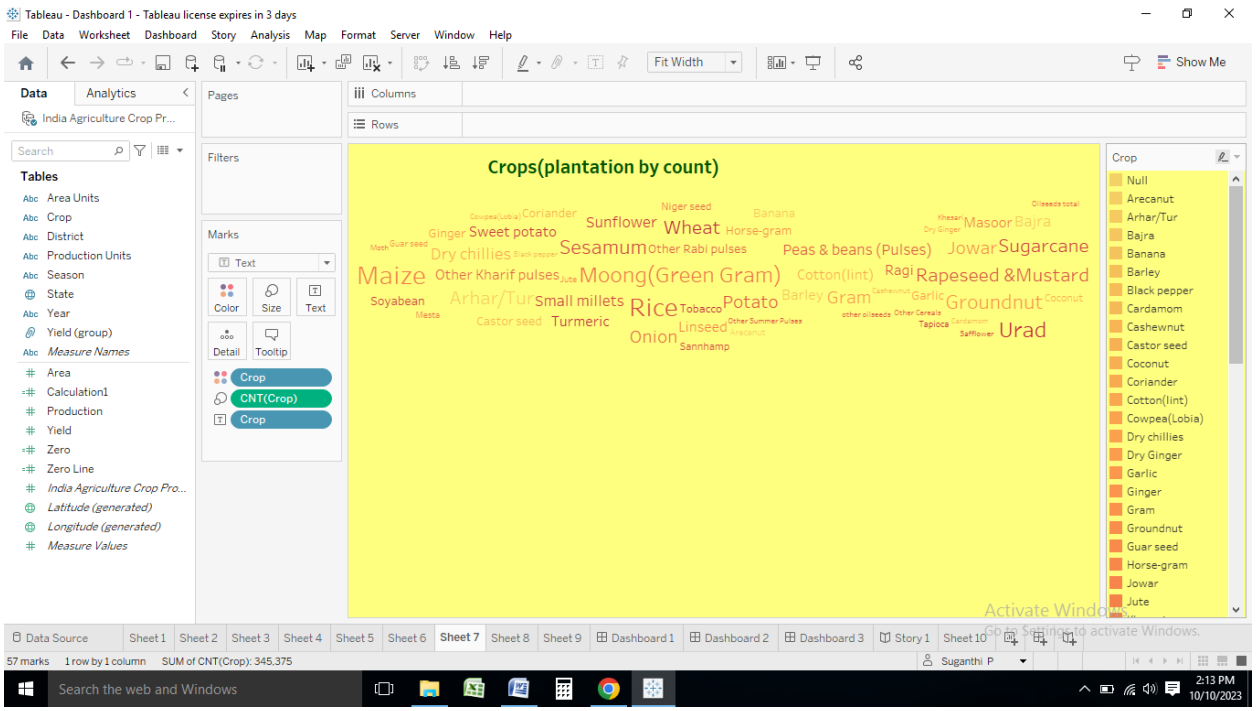
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File Data Worksheet Dashboard Story Analysis Map Format Server Window Help
Fit Width
Show Me
Data
Analytics
India Agriculture Crop Pr...
Search
Tables
Abc Area Units
Abc Crop
Abc District
Abc Production Units
Abc Season
State
Abc Year
Yield (group)
Abc Measure Names
Area
Calculation1
Production
Yield
Zero
Zero Line
India Agriculture Crop Pro...
Latitude (generated)
Longitude (generated)
Measure Values
Pages
Columns
Rows
Filters
Marks
Text
Color
Size
Text
Detail
Tooltip
Crop
CNT(Crop)
Crop
Crops(plantation by count)
Maize
Rice
Moong(Green Gram)
Wheat
Sesamum
Sugarcane
Urad
Groundnut
Rapeseed &Mustard
Jowar
Masoor
Bajra
Sunflower
Sweet potato
Dry chillies
Other Kharif pulses
Small millets
Turmeric
Potato
Tobacco
Onion
Linseed
Sannhamp
Peas & beans (Pulses)
Other Rabi pulses
Barley
Gram
Ragi
Garlic
Coriander
Cotton(lint)
Soyabean
Arhar/Tur
Castor seed
Banana
Horse-gram
Ginger
Niger seed
Coconut
Tapioca
Safflower
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
Data Source
Sheet 1
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Sheet 7
Sheet 8
Sheet 9
Dashboard 1
Dashboard 2
Dashboard 3
Story 1
Sheet 10
57 marks
1 row by 1 column
SUM of CNT(Crop): 345,375
Suganthi P
Activate Windows
Go to Settings to activate Windows.
Search the web and Windows
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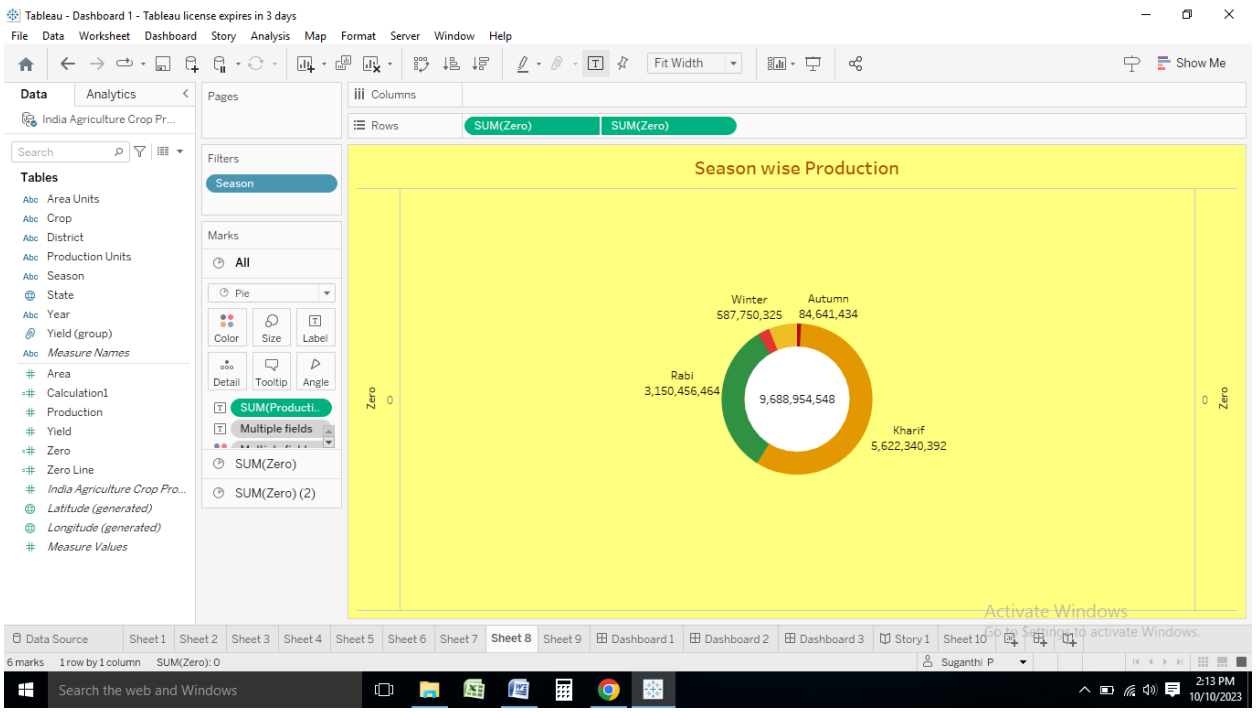
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Fit Width
Show Me
Data
Analytics
India Agriculture Crop Pr...
Search
Tables
Abc Area Units
Abc Crop
Abc District
Abc Production Units
Abc Season
State
Abc Year
Yield (group)
Abc Measure Names
Area
Calculation1
Production
Yield
Zero
Zero Line
India Agriculture Crop Pro...
Latitude (generated)
Longitude (generated)
Measure Values
Pages
Columns
Rows
SUM(Zero)
SUM(Zero)
Filters
Season
Marks
All
Pie
Color
Size
Label
Detail
Tooltip
Angle
SUM(Producti..
Multiple fields
SUM(Zero)
SUM(Zero) (2)
Season wise Production
Winter
587,750,325
Autumn
84,641,434
Rabi
3,150,456,464
9,688,954,548
Kharif
5,622,340,392
Zero
0
0
Zero
Data Source
Sheet 1
Sheet 2
Sheet 3
Sheet 4
Sheet 5
Sheet 6
Sheet 7
Sheet 8
Sheet 9
Dashboard 1
Dashboard 2
Dashboard 3
Story 1
Sheet 10
6 marks
1 row by 1 column
SUM(Zero): 0
Suganthi P
Activate Windows
Go to Settings to activate Windows.
Search the web and Windows
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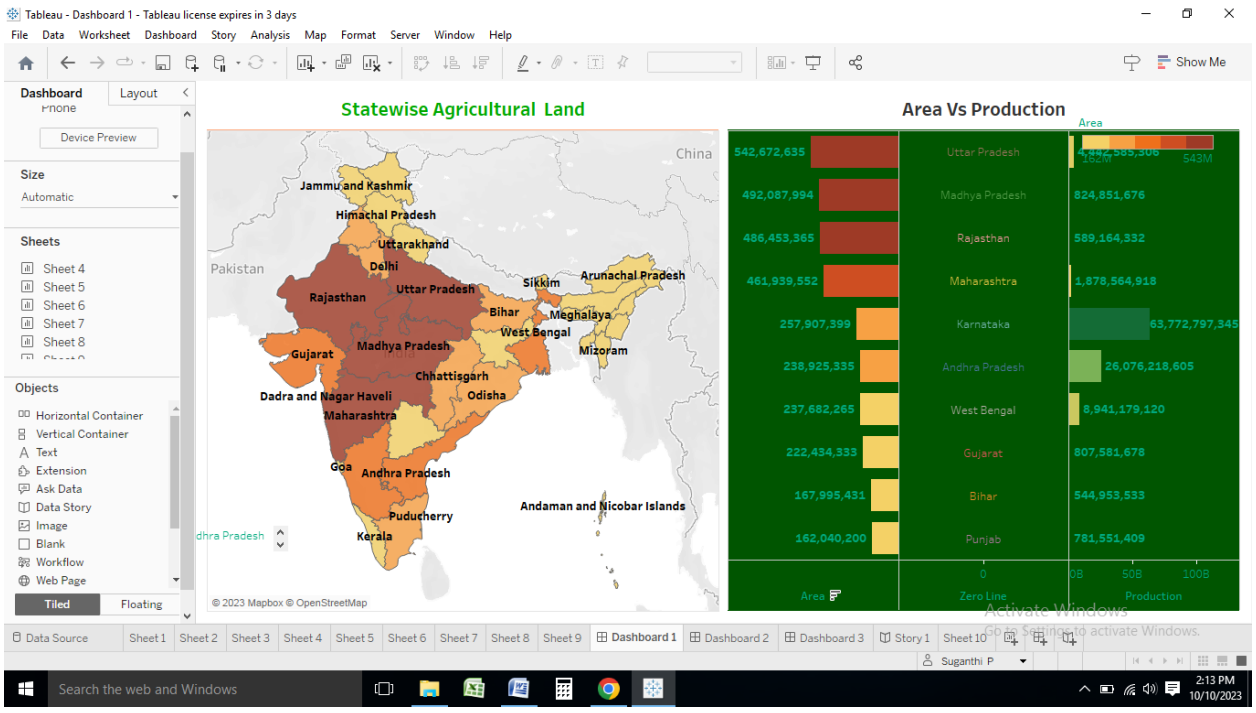
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File Data Worksheet Dashboard Story Analysis Map Format Server Window Help
Show Me
Dashboard
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Device Preview
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Automatic
Sheets
Sheet 4
Sheet 5
Sheet 6
Sheet 7
Sheet 8
Objects
Horizontal Container
Vertical Container
Text
Extension
Ask Data
Data Story
Image
Blank
Workflow
Web Page
Tiled
Floating
Statewise Agricultural Land
China
Pakistan
Jammu and Kashmir
Himachal Pradesh
Uttarakhand
Delhi
Uttar Pradesh
Rajasthan
Sikkim
Arunachal Pradesh
Bihar
Meghalaya
West Bengal
Madhya Pradesh
Gujarat
Mizoram
Chhattisgarh
Dadra and Nagar Haveli
Odisha
Maharashtra
Goa
Andhra Pradesh
Puducherry
Andaman and Nicobar Islands
Kerala
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Area Vs Production
Area
542,672,635
Uttar Pradesh
492,087,994
Madhya Pradesh
824,851,676
486,453,365
Rajasthan
589,164,332
461,939,552
Maharashtra
1,878,564,918
257,907,399
Karnataka
63,772,797,345
238,925,335
Andhra Pradesh
26,076,218,605
237,682,265
West Bengal
8,941,179,120
222,434,333
Gujarat
807,581,678
167,995,431
Bihar
544,953,533
162,040,200
Punjab
781,551,409
Area
Zero Line
Production
Data Source
Sheet 1
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Sheet 7
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Dashboard 1
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Suganthi P
Search the web and Windows
2:13 PM
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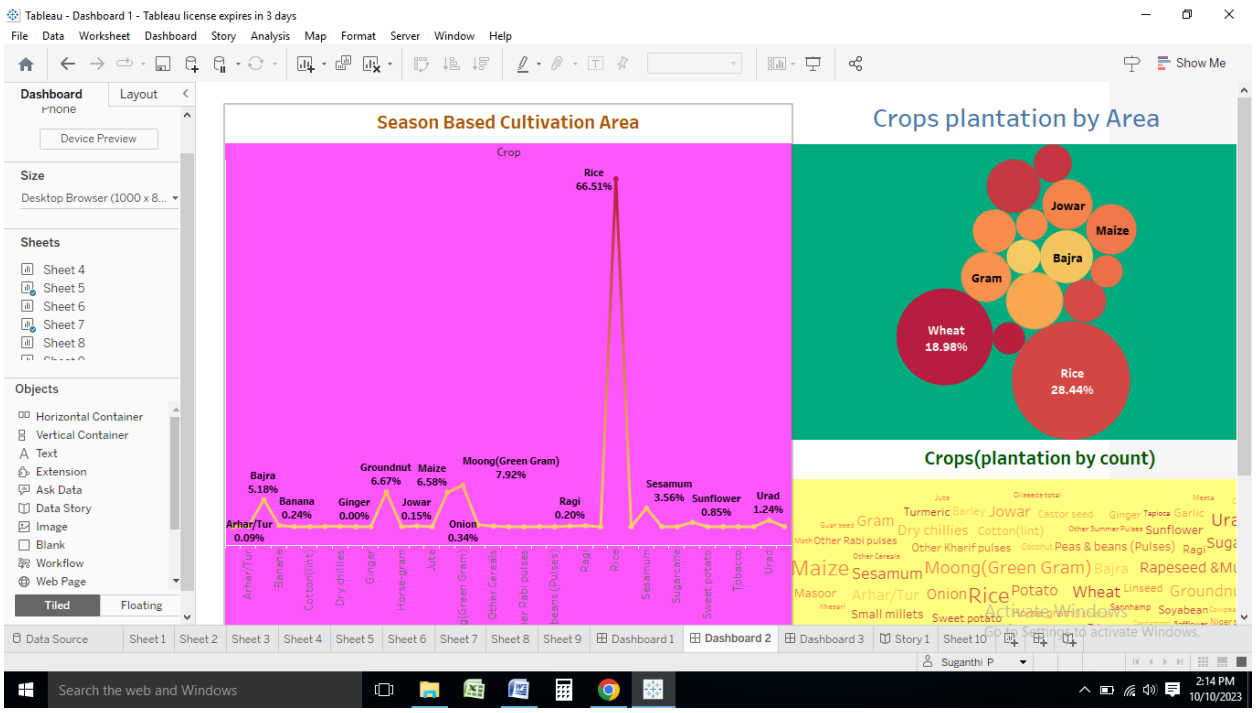
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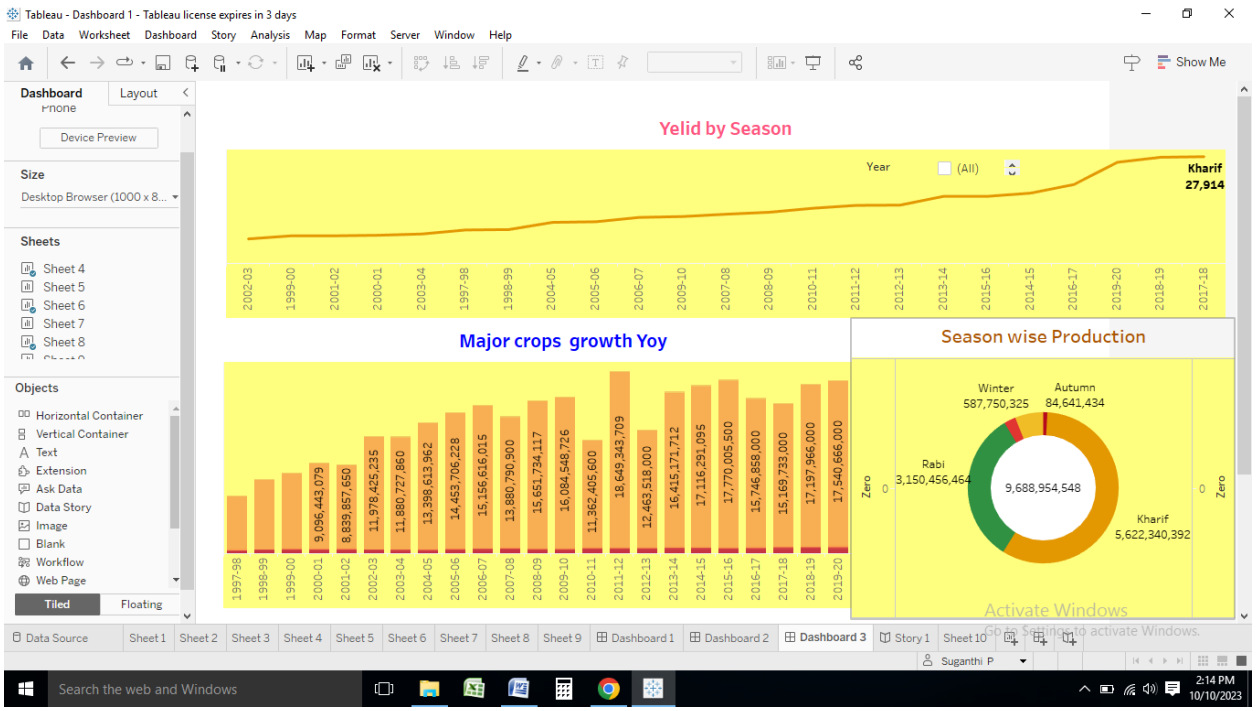
File Data Worksheet Dashboard Story Analysis Map Format Server Window Help
Show Me
Dashboard
Layout
Device Preview
Size
Desktop Browser (1000 x 8...
Sheets
Sheet 4
Sheet 5
Sheet 6
Sheet 7
Sheet 8
Objects
Horizontal Container
Vertical Container
Text
Extension
Ask Data
Data Story
Image
Blank
Workflow
Web Page
Tiled
Floating
Season Based Cultivation Area
Crop
Rice
66.51%
Bajra
5.18%
Banana
0.24%
Ginger
0.00%
Groundnut
6.67%
Maize
6.58%
Jowar
0.15%
Moong(Green Gram)
7.92%
Onion
0.34%
Ragi
0.20%
Sesamum
3.56%
Sunflower
0.85%
Urad
1.24%
Arhar/Tur
0.09%
Crops plantation by Area
Jowar
Maize
Bajra
Gram
Wheat
18.98%
Rice
28.44%
Crops(plantation by count)
Data Source
Sheet 1
Sheet 2
Sheet 3
Sheet 4
Sheet 5
Sheet 6
Sheet 7
Sheet 8
Sheet 9
Dashboard 1
Dashboard 2
Dashboard 3
Story 1
Sheet 10
Suganthi P
Search the web and Windows
2:14 PM
10/10/2023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Sheet 6
Sheet 7
Sheet 8
Objects
Horizontal Container
Vertical Container
Text
Extension
Ask Data
Data Story
Image
Blank
Workflow
Web Page
Tiled
Floating
Yelid by Season
Year
(All)
Kharif
27,914
Major crops growth Yoy
Season wise Production
Winter
587,750,325
Autumn
84,641,434
Rabi
3,150,456,464
9,688,954,548
Kharif
5,622,340,392
Zero
Activate Windows
Data Source
Sheet 1
Sheet 2
Sheet 3
Sheet 4
Sheet 5
Sheet 6
Sheet 7
Sheet 8
Sheet 9
Dashboard 1
Dashboard 2
Dashboard 3
Story 1
Sheet 10
Suganthi P
Search the web and Windows
2:14 PM
10/10/2023

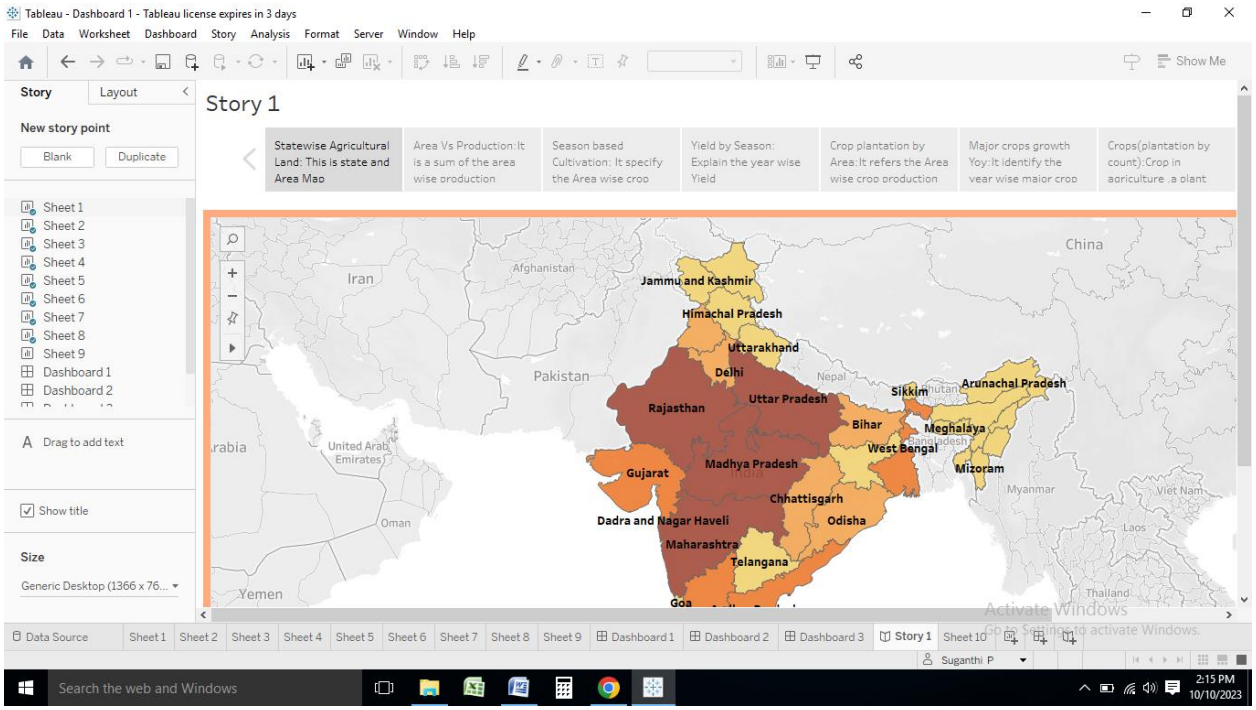
Tableau - Dashboard 1 - Tableau license expires in 3 days
File Data Worksheet Dashboard Story Analysis Format Server Window Help
Show Me
Story
Layout
New story point
Blank
Duplicate
Sheet 1
Sheet 2
Sheet 3
Sheet 4
Sheet 5
Sheet 6
Sheet 7
Sheet 8
Sheet 9
Dashboard 1
Dashboard 2
Drag to add text
Show title
Size
Generic Desktop (1366 x 76...
Story 1
Statewise Agricultural Land: This is state and Area Map
Area Vs Production:It is a sum of the area wise production
Season based Cultivation: It specify the Area wise croo
Yield by Season: Explain the year wise Yield
Crop plantation by Area:It refers the Area wise croo production
Major crops growth Yoy:It identify the vear wise maior croo
Crops(plantation by count):Crop in agriculture .a plant
China
Iran
Afghanistan
Pakistan
Nepal
Jammu and Kashmir
Himachal Pradesh
Uttarakhand
Delhi
Rajasthan
Uttar Pradesh
Sikkim
Arunachal Pradesh
Bihar
Meghalaya
West Bengal
Mizoram
Gujarat
Madhya Pradesh
Chhattisgarh
Odisha
Dadra and Nagar Haveli
Maharashtra
Telangana
United Arab Emirates
Oman
Yemen
Myanmar
Laos
Viet Nam
Thailand
Activate Windows
Data Source
Sheet 1
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Dashboard 3
Story 1
Sheet 10
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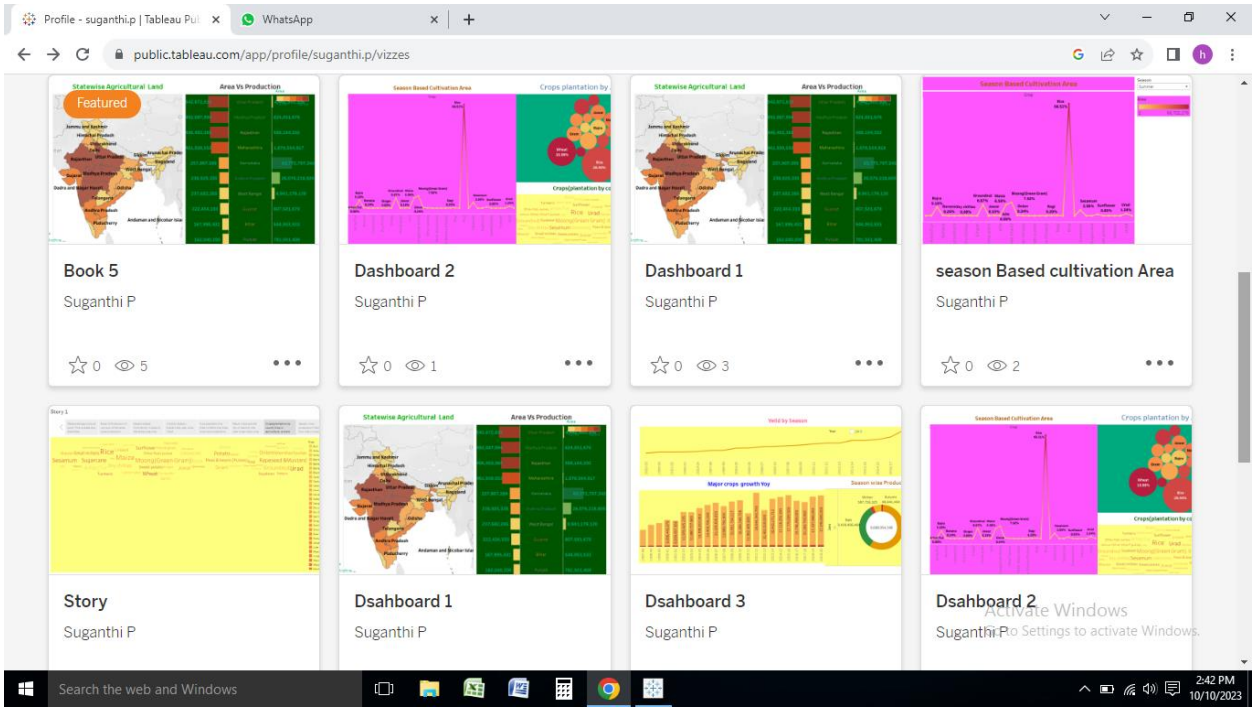
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Featured
Book 5
Suganthi P
Dashboard 2
Suganthi P
Dashboard 1
Suganthi P
season Based cultivation Area
Suganthi P
Story
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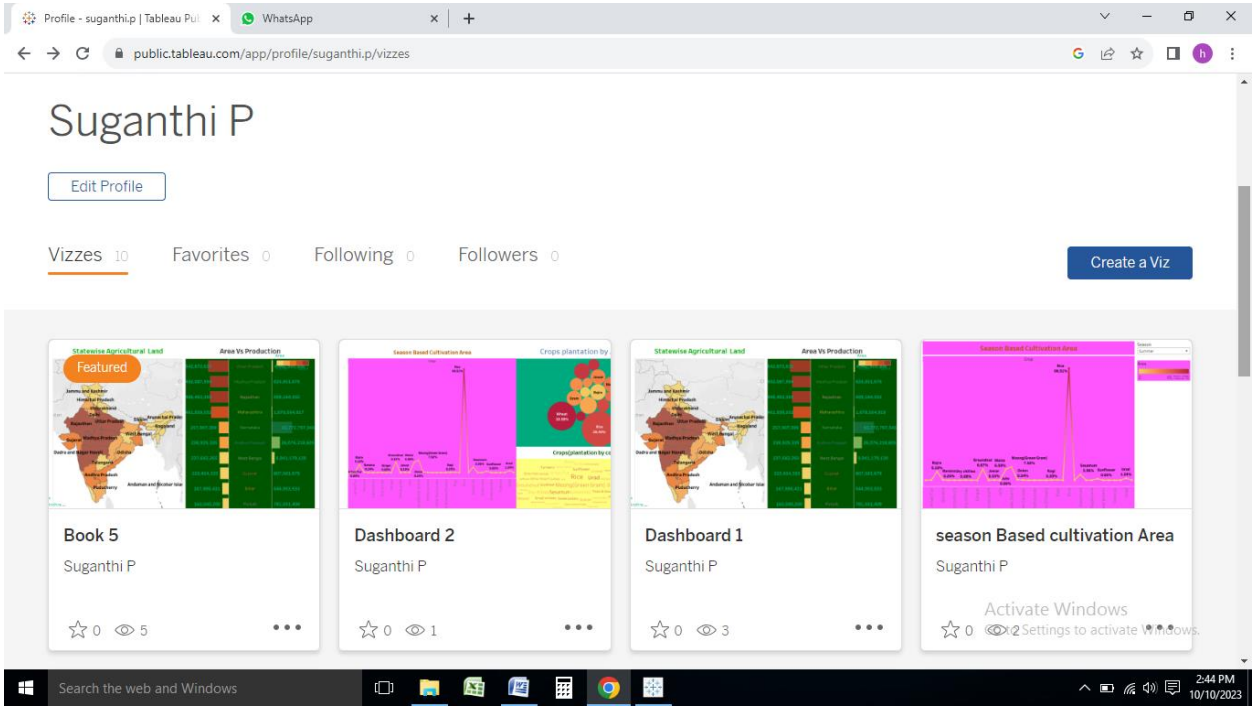
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Edit Profile
Vizzes 10
Favorites 0
Following 0
Followers 0
Create a Viz
Featured
Book 5
Suganthi P
Dashboard 2
Suganthi P
Dashboard 1
Suganthi P
season Based cultivation Area
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Search the web and Windows
2:44 PM
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4 ADVANTAGES & DISADVANTAGES

4.1 ADVANTAGES

(1) Contribute to improving the sharing of agricultural information resources, thereby increasingagriculturalproductivityandpromotingthehealthyandstabledevelopmentoftheagriculturalindustry.

(2)It is helpful to strengthen the communication between different agricultural regions, promoteagricultural production to industrialization, and the development of production standardization, andenhancethe competitivenessoftheagricultural economy.

(3) it is helpful to promote the development of agricultural economy in multiple directions andtransformthe traditional agriculturaleconomic managementmode.

It is helpful for farmers to quickly and comprehensively understand the dynamic information ofthe agricultural market, thereby adjusting the agricultural structure, producing agricultural productswithlargemarketdemand,obtaininghighereconomicbenefits,andpromotingrureconomicdevelopment, and realizing agricultural product marketing information management in agriculture Theapplication in the economy plays an important role in promoting the development of agriculture in ourcountry

(4)Agriculture impacts society in many ways, including: supporting livelihoods through food, habitat,and jobs; providing raw materials for food and other products; and building strong economies through trade.

(5) Agriculture is the foundation of India's livelihood civilisation, culture and heritage with a population of 1.39 billion, India is the second most populous country in world and is expected to overtake China as the most populated by 2027-30 with 328 million hectares (Mha) of land, India is the world's seventh largest country India has~160 Mha of arable land, the second largest after the us.

4.2 DISADVANTAGES

(1) Lackofprofessional andtechnicalpersonnel

Because the application of information technology to design agriculture is relatively late and theapplication time is relatively short, there is a shortage of professional information technology talents inagricultural economic management. In addition, the construction of information networks for somerural public utilities is not perfect, causing farmers to be unable to obtain corresponding information inatimelymanner and hinderingthedevelopmentofrural economic management

(2) Lackofaperfectplatform

Most local government departments do not have a high level of understanding of agriculturalmodernization.Underthebackgroundoftheinformationage,thedevelopmentofagriculturaleconomy needs to rely on strong support from government departments. Only when the governmentcorrectlyanalyzestheconditionsoftheagriculturaleconomic marketcanitguidetherapidagriculturaleconomyStable development.

(3) Farmers'informatizationawarenessisweak

Somerelativelybackwardareasarenotdeepenoughinagriculturalmanagementconcepts,agricultural economic development and information management to effectively guide local farmers inconstruction. This problem has seriously hindered the process of agricultural economic constructionandinformation management.

(4) 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.

(5) **Expensive products** :One of the major problems of organic farming methods is that sometimes it can get a bit costly. Some products related to organic farming are too expensive, leading to some common people to not be able to afford it.in a counter like India where most of its livelihood are farmers, organic farming brings a huge problem to it. However, organic farming in Tamil Nadu have had some success stories.

5 APPLICATION

5.1 Animal nutrition

Many of tata Chemicals' products, such as Alkakarb, are ideally suited for poultry feed and diet for dairy animals, as they enhance the nutritional value of the feed.

5.2 chemicals

Tata chemical's products are utilised as essential raw materials in a wide ranger of chemical industries and processes.

5.3 constructions

Tata chemicals supplies high quality, premium grade cement to the building industry, under the brand name Shudh cement.

5.4 Food and nutrition

We have a big presence in several segments of the food industry -table salts, dals and pulses, masalas ad spices, nutritional solutions, and so on.

5.5 Glass

Our soda ash meets the stringent quality requirements of the glass industry. Tata chemicals also offers customised products for specific requirements. Etc…….,

6 CONCLUSION

The Indian economy is an agro-economy and depends highly on the agriculture sector. Despite just supporting the Indian Economy, the agricultural sector also supports the industrial sector and international trade in imports and exports.

Agricultural Economics is a branch of economics that helps to use optimise the use of resources that are bottlenecks or scarce to increase the efficiency and effectiveness of production processes. Nowadays, agriculture is not just limited to planting seeds and harvesting crops.

7 FUNDITURE SCOPE

Agriculture is the backbone of India's economy. It is the principallivelihoodforover58%oftheruralhouseholds.Butitfacesdifficultchallenges from sowing to harvest. Hence modernisation of agriculture ismost needed to address these challenges.In agriculture there is a quickadaptationtoAIinitsvariousfarmingtechniqueswhereArtificialIntelligence(AI)isoneofthekeyareasofresearchincomputersciencewithits rapid technological advancement and vast area of application, AI isbecoming relevant very rapidly because of its robust applicability in theproblemsparticularlythatcannotbesolvedwellbyhumans.Suchanareaofextreme importance is agriculture where about 80% of the population isdirectly engaged on 159.7 million hectares of agricultural land. Such aventurecannotrunsmoothly.HencefarmingsolutionswhichareAIpoweredenableafarmertodomorewithless,enhancingthequality,alsoproviding a quick GTM (go-to-market strategy) strategy for crops. A directapplication of AI (Artificial Intelligence) or machine intelligence across thefarmingsectorcouldacttobeanapotheosisofshiftingoftraditionalfarmingpracticetoday.AIpoweredagriculture,analysingitsserviceininterpreting,acquiring andreactingtodifferentsituationtoenhanceefficiency.

Artificialintelligencetechnologyissupportingdifferentsectorsinagriculturetoboostproductivityandefficiency.AIsolutionsareassistingtoovercome the traditional challenges in every field. Intervening of AI inagricultureishelpingfarmerstoimprovetheirfarmingefficiencyandreduceenvironmentalhostileimpacts.Theagricultureindustrystronglyandopenlygrasped AI into their practice to change the overall outcome. AI is shiftingthe way of food production where the agricultural sector's emissions havedecreased

by 20%. Inculcating AI technology in agriculture is helping tocontrolandmanageanyuninvitednaturalcondition.