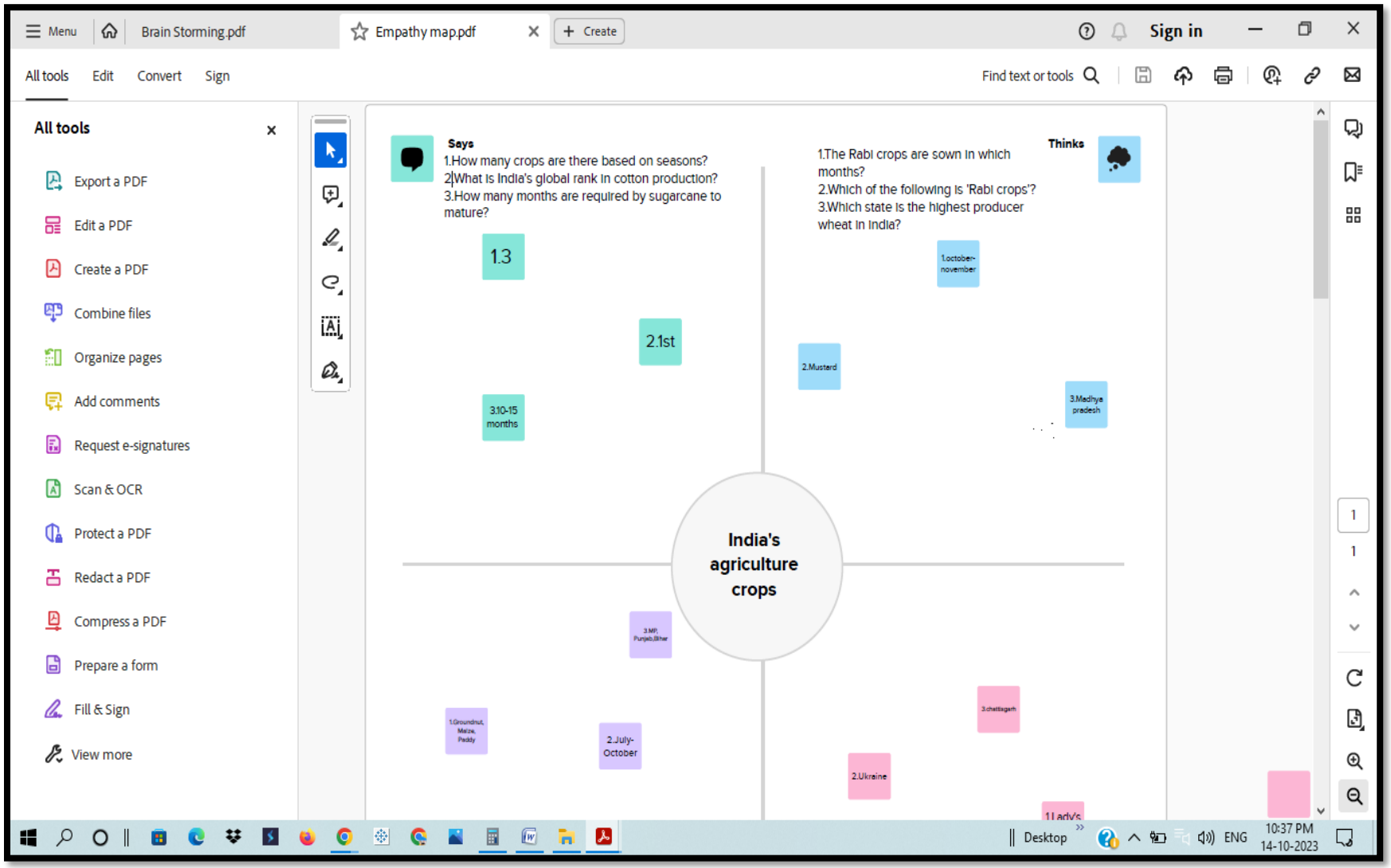
Data Literacy with Tableau

Project Title : India’s Agricultural Crop Production Analysis(1997-2021)

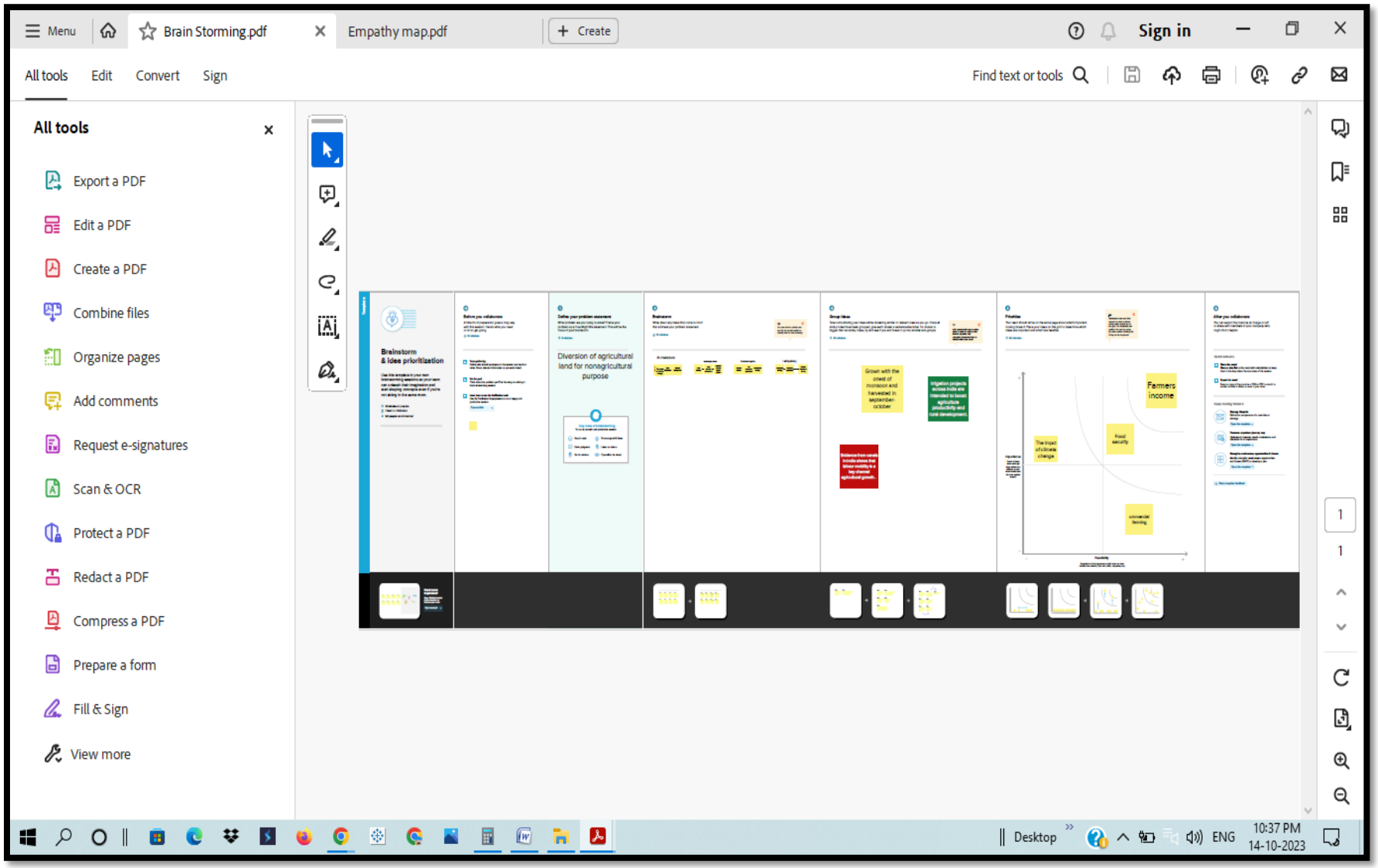
Team ID : NM2023TMID02495

College Name : Don Bosco College of Arts and Science, Keela Eral, Thoothukudi

Empathy Map


Menu
Brain Storming.pdf
Empathy map.pdf
Create
Sign in
All tools
Edit
Convert
Sign
Find text or tools
All tools
Export a PDF
Edit a PDF
Create a PDF
Combine files
Organize pages
Add comments
Request e-signatures
Scan & OCR
Protect a PDF
Redact a PDF
Compress a PDF
Prepare a form
Fill & Sign
View more
Says
1.How many crops are there based on seasons?
2.What is India's global rank in cotton production?
3.How many months are required by sugarcane to mature?
1.3
2.1st
3.10-15 months
Thinks
1.The Rabi crops are sown in which months?
2.Which of the following is 'Rabi crops'?
3.Which state is the highest producer wheat in India?
1.october-november
2.Mustard
3.Madhya pradesh
India's agriculture crops
3.MP, Punjab,Bihar
1.Groundnut, Maize, Paddy
2.July-October
3.chattisgarh
2.Ukraine
1.Lady's
Desktop
ENG
10:37 PM
14-10-2023

Brain Storming



Work Sheet-1

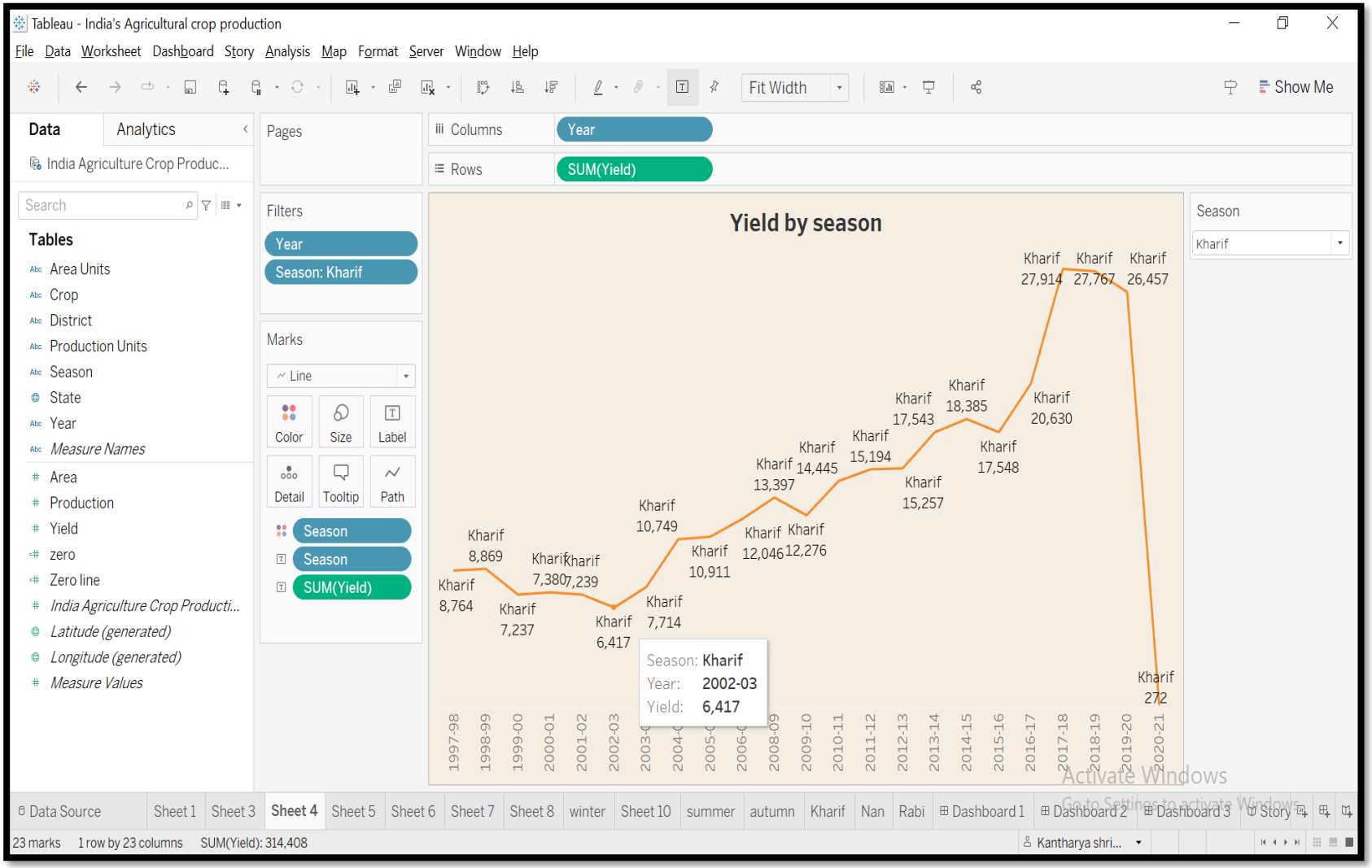


Tableau - India's Agricultural crop production
File Data Worksheet Dashboard Story Analysis Map Format Server Window Help
Fit Width
Show Me
Data
Analytics
India Agriculture Crop Produc...
Search
Tables
Area Units
Crop
District
Production Units
Season
State
Year
Measure Names
Area
Production
Yield
zero
Zero line
India Agriculture Crop Producti...
Latitude (generated)
Longitude (generated)
Measure Values
Pages
Filters
Year
Season: Kharif
Marks
Line
Color
Size
Label
Detail
Tooltip
Path
Season
Season
SUM(Yield)
Columns
Year
Rows
SUM(Yield)
Yield by season
Season
Kharif
Kharif 8,764
Kharif 8,869
Kharif 7,237
Kharif 7,380
Kharif 7,239
Kharif 6,417
Kharif 7,714
Kharif 10,749
Kharif 10,911
Kharif 12,046
Kharif 13,397
Kharif 12,276
Kharif 14,445
Kharif 15,194
Kharif 15,257
Kharif 17,543
Kharif 17,548
Kharif 18,385
Kharif 20,630
Kharif 27,914
Kharif 27,767
Kharif 26,457
Kharif 272
Season: Kharif
Year: 2002-03
Yield: 6,417
1997-98
1998-99
1999-00
2000-01
2001-02
2002-03
2003-04
2004-05
2005-06
2006-07
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 3
Sheet 4
Sheet 5
Sheet 6
Sheet 7
Sheet 8
winter
Sheet 10
summer
autumn
Kharif
Nan
Rabi
Dashboard 1
Dashboard 2
Dashboard 3
Story
23 marks
1 row by 23 columns
SUM(Yield): 314,408
Kantharya shri...

Work Sheet-2

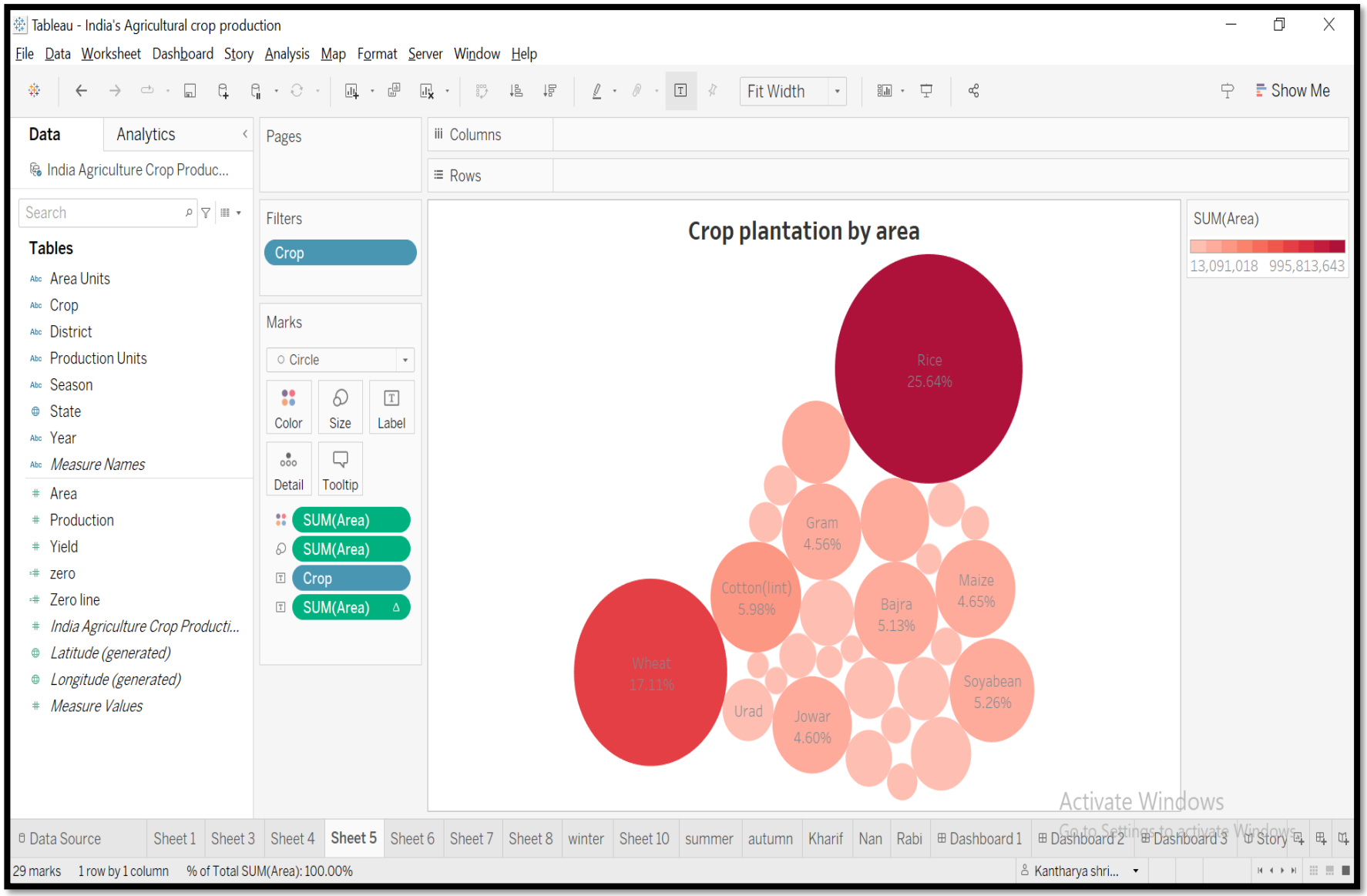


Tableau - India's Agricultural crop production
File Data Worksheet Dashboard Story Analysis Map Format Server Window Help
Fit Width
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India Agriculture Crop Produc...
Search
Tables
Area Units
Crop
District
Production Units
Season
State
Year
Measure Names
Area
Production
Yield
zero
Zero line
India Agriculture Crop Producti...
Latitude (generated)
Longitude (generated)
Measure Values
Pages
Filters
Crop
Marks
Circle
Color
Size
Label
Detail
Tooltip
SUM(Area)
SUM(Area)
Crop
SUM(Area)
Columns
Rows
Crop plantation by area
Rice 25.64%
Wheat 17.11%
Gram 4.56%
Cotton(lint) 5.98%
Bajra 5.13%
Maize 4.65%
Soyabean 5.26%
Urad
Jowar 4.60%
SUM(Area)
13,091,018 995,813,643
Activate Windows
Data Source
Sheet 1
Sheet 3
Sheet 4
Sheet 5
Sheet 6
Sheet 7
Sheet 8
winter
Sheet 10
summer
autumn
Kharif
Nan
Rabi
Dashboard 1
Dashboard 2
Dashboard 3
Story
29 marks
1 row by 1 column
% of Total SUM(Area): 100.00%
Kantharya shri...

Work Sheet-3

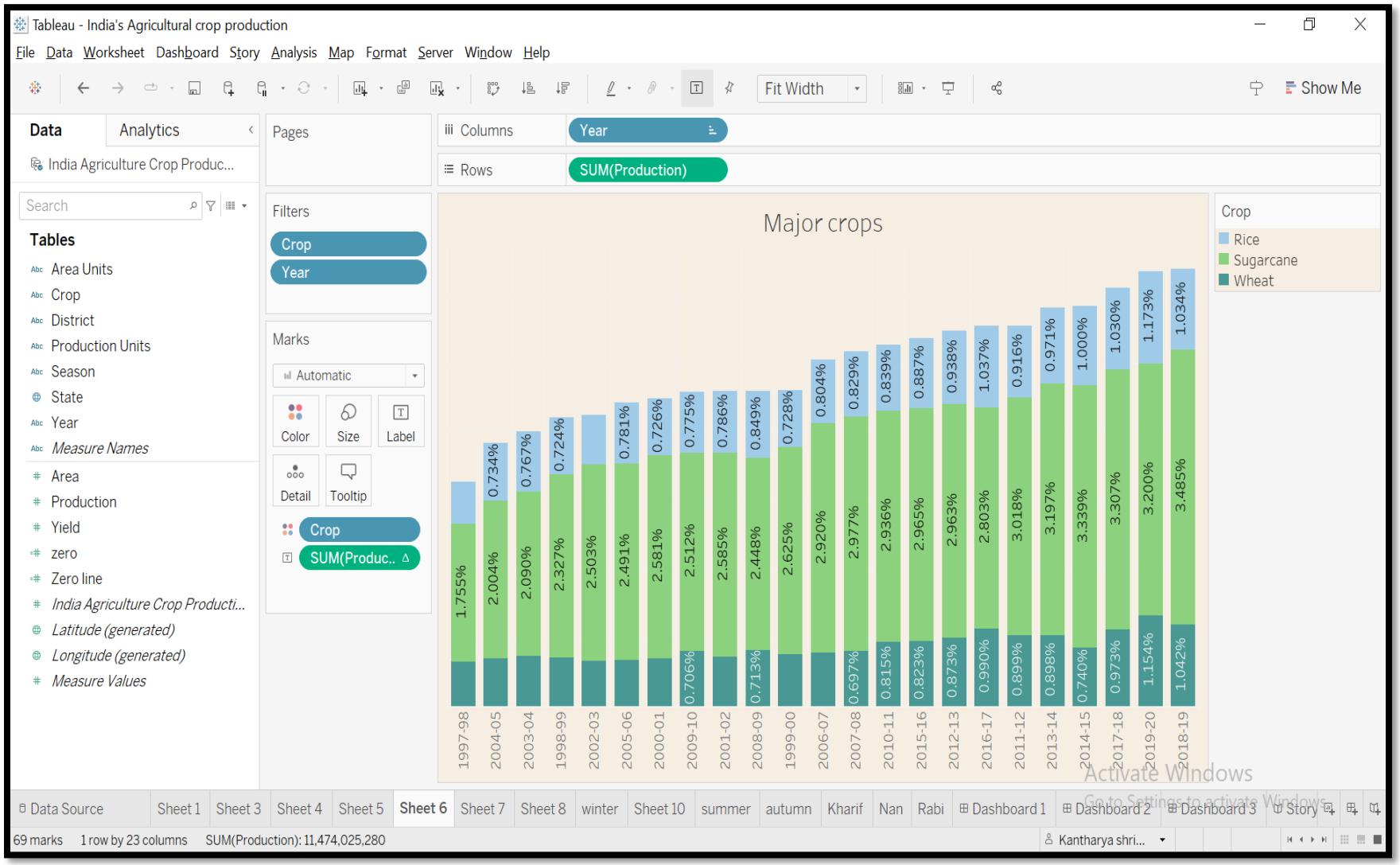
Tableau - India's Agricultural crop production
File Data Worksheet Dashboard Story Analysis Map Format Server Window Help
Fit Width
Show Me
Data
Analytics
India Agriculture Crop Produc...
Search
Tables
Area Units
Crop
District
Production Units
Season
State
Year
Measure Names
Area
Production
Yield
zero
Zero line
India Agriculture Crop Producti...
Latitude (generated)
Longitude (generated)
Measure Values
Pages
Filters
Crop
Year
Marks
Automatic
Color
Size
Label
Detail
Tooltip
Crop
SUM(Produc..
Columns
Year
Rows
SUM(Production)
Major crops
Crop
Rice
Sugarcane
Wheat
1997-98 1.755% 0.706%
2004-05 2.004% 0.734% 0.713%
2003-04 2.090% 0.767% 0.697%
1998-99 2.327% 0.724% 0.815%
2002-03 2.503% 0.781% 0.823%
2005-06 2.491% 0.726% 0.873%
2000-01 2.581% 0.775% 0.990%
2009-10 2.512% 0.786% 0.899%
2001-02 2.585% 0.849% 0.898%
2008-09 2.448% 0.728% 0.740%
1999-00 2.625% 0.804% 0.973%
2006-07 2.920% 0.829% 1.154%
2007-08 2.977% 0.839% 1.042%
2010-11 2.936% 0.887% 1.034%
2015-16 2.965% 0.938% 1.173%
2012-13 2.963% 1.037% 1.030%
2016-17 2.803% 0.916% 1.000%
2011-12 3.018% 0.971% 0.971%
2013-14 3.197% 1.000% 0.916%
2014-15 3.339% 1.030% 0.887%
2017-18 3.307% 1.173% 0.839%
2019-20 3.200% 1.034% 0.804%
2018-19 3.485% 0.829%
Activate Windows
Data Source
Sheet 1
Sheet 3
Sheet 4
Sheet 5
Sheet 6
Sheet 7
Sheet 8
winter
Sheet 10
summer
autumn
Kharif
Nan
Rabi
Dashboard 1
Dashboard 2
Dashboard 3
Story
69 marks
1 row by 23 columns
SUM(Production): 11,474,025,280
Kantharya shri...

Work Sheet-4

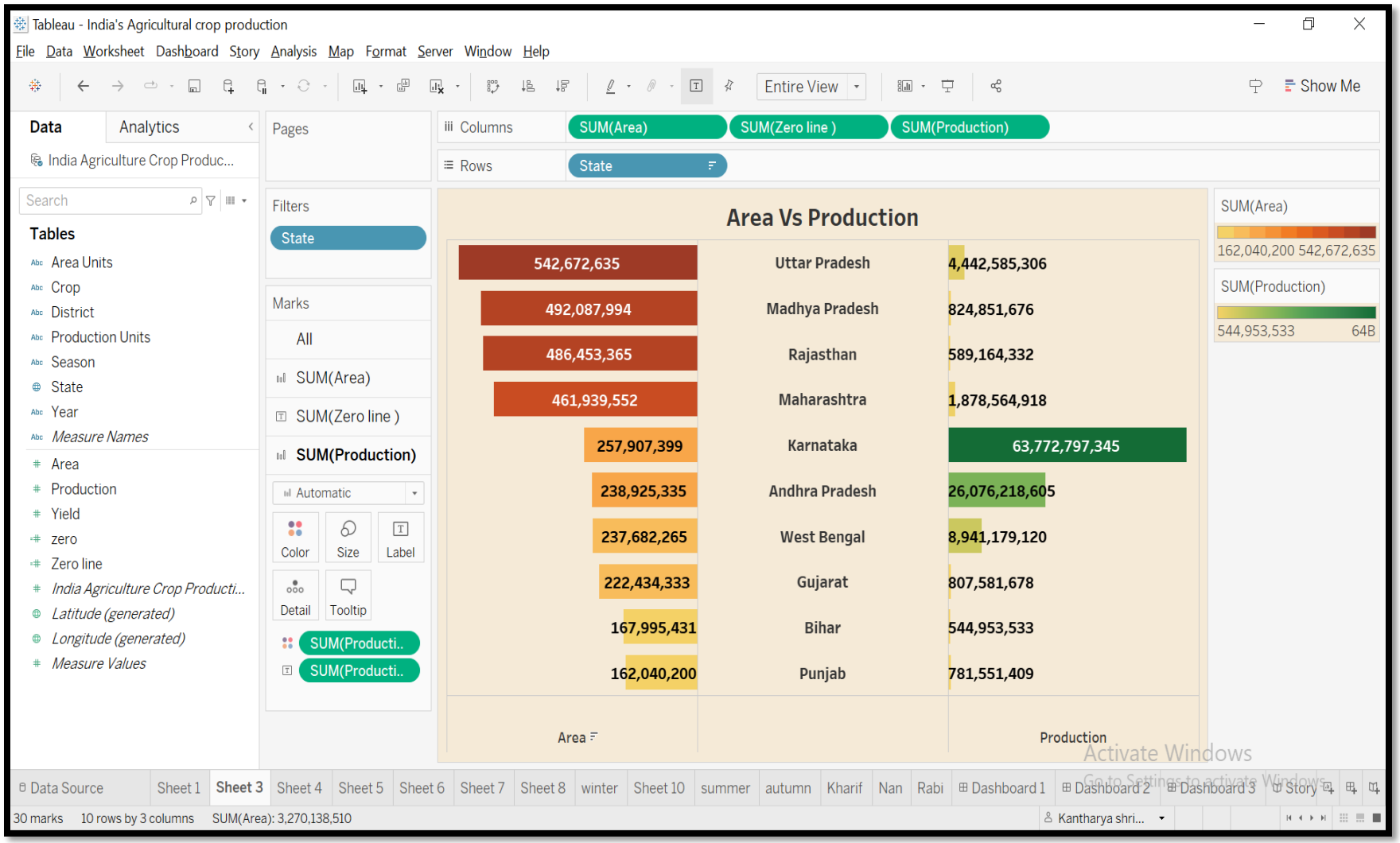
Tableau - India's Agricultural crop production
File Data Worksheet Dashboard Story Analysis Map Format Server Window Help
Entire View
Show Me
Data
Analytics
India Agriculture Crop Produc...
Search
Tables
Area Units
Crop
District
Production Units
Season
State
Year
Measure Names
Area
Production
Yield
zero
Zero line
India Agriculture Crop Producti...
Latitude (generated)
Longitude (generated)
Measure Values
Pages
Filters
State
Marks
All
SUM(Area)
SUM(Zero line)
SUM(Production)
Automatic
Color
Size
Label
Detail
Tooltip
SUM(Producti..
SUM(Producti..
Columns
SUM(Area)
SUM(Zero line)
SUM(Production)
Rows
State
Area Vs Production
542,672,635 Uttar Pradesh 4,442,585,306
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
Production
SUM(Area)
162,040,200 542,672,635
SUM(Production)
544,953,533 64B
Activate Windows
Data Source
Sheet 1
Sheet 3
Sheet 4
Sheet 5
Sheet 6
Sheet 7
Sheet 8
winter
Sheet 10
summer
autumn
Kharif
Nan
Rabi
Dashboard 1
Dashboard 2
Dashboard 3
Story
30 marks
10 rows by 3 columns
SUM(Area): 3,270,138,510
Kantharya shri...

Work Sheet-5

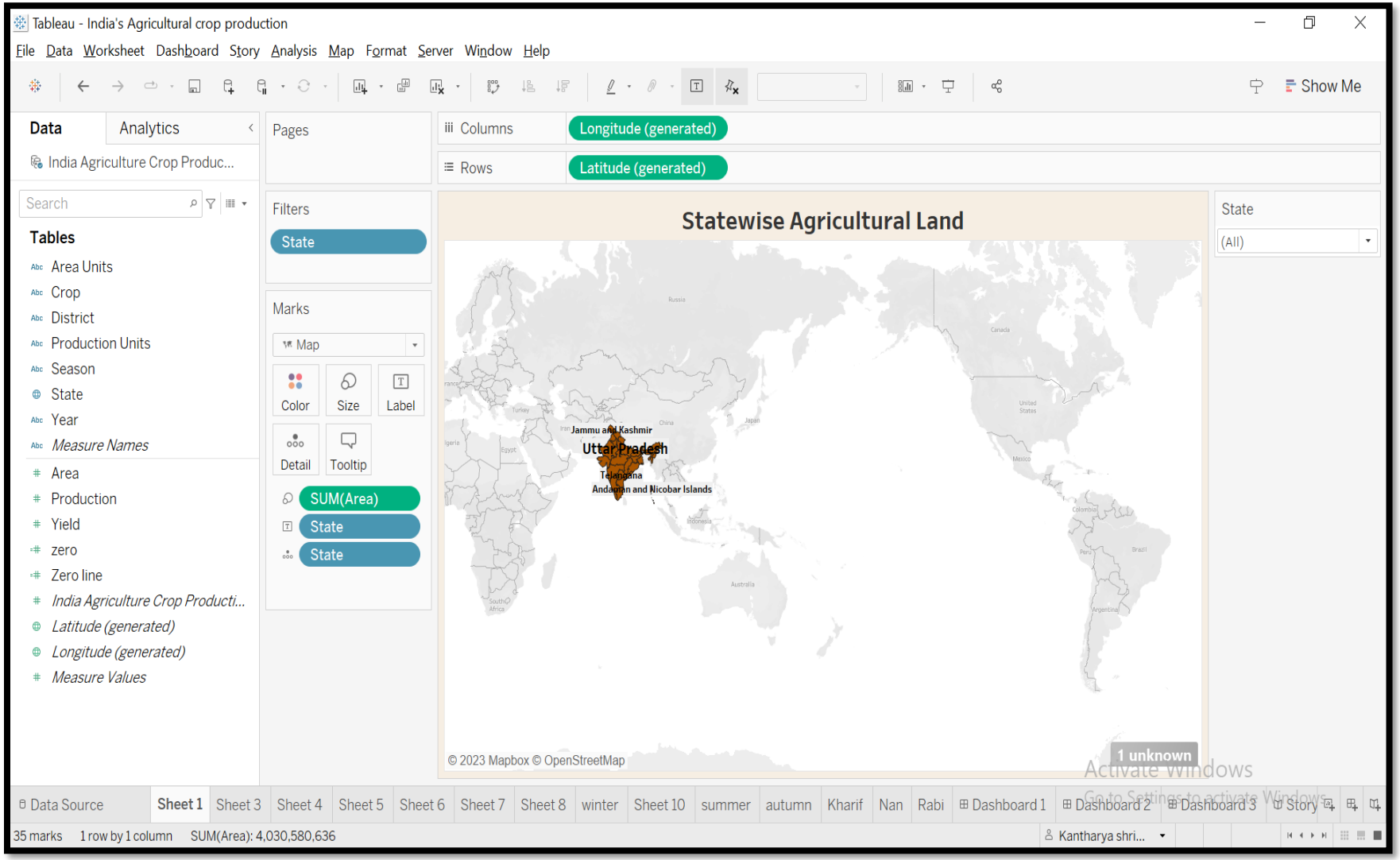
Tableau - India's Agricultural crop production
File Data Worksheet Dashboard Story Analysis Map Format Server Window Help
Show Me
Data
Analytics
India Agriculture Crop Produc...
Search
Tables
Area Units
Crop
District
Production Units
Season
State
Year
Measure Names
Area
Production
Yield
zero
Zero line
India Agriculture Crop Producti...
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
Jammu and Kashmir
Uttar Pradesh
Telangana
Andaman and Nicobar Islands
© 2023 Mapbox © OpenStreetMap
1 unknown
State
(All)
Activate Windows
Go to Settings to activate Windows.
Data Source
Sheet 1
Sheet 3
Sheet 4
Sheet 5
Sheet 6
Sheet 7
Sheet 8
winter
Sheet 10
summer
autumn
Kharif
Nan
Rabi
Dashboard 1
Dashboard 2
Dashboard 3
Story
35 marks
1 row by 1 column
SUM(Area): 4,030,580,636
Kantharya shri...

Work Sheet-6

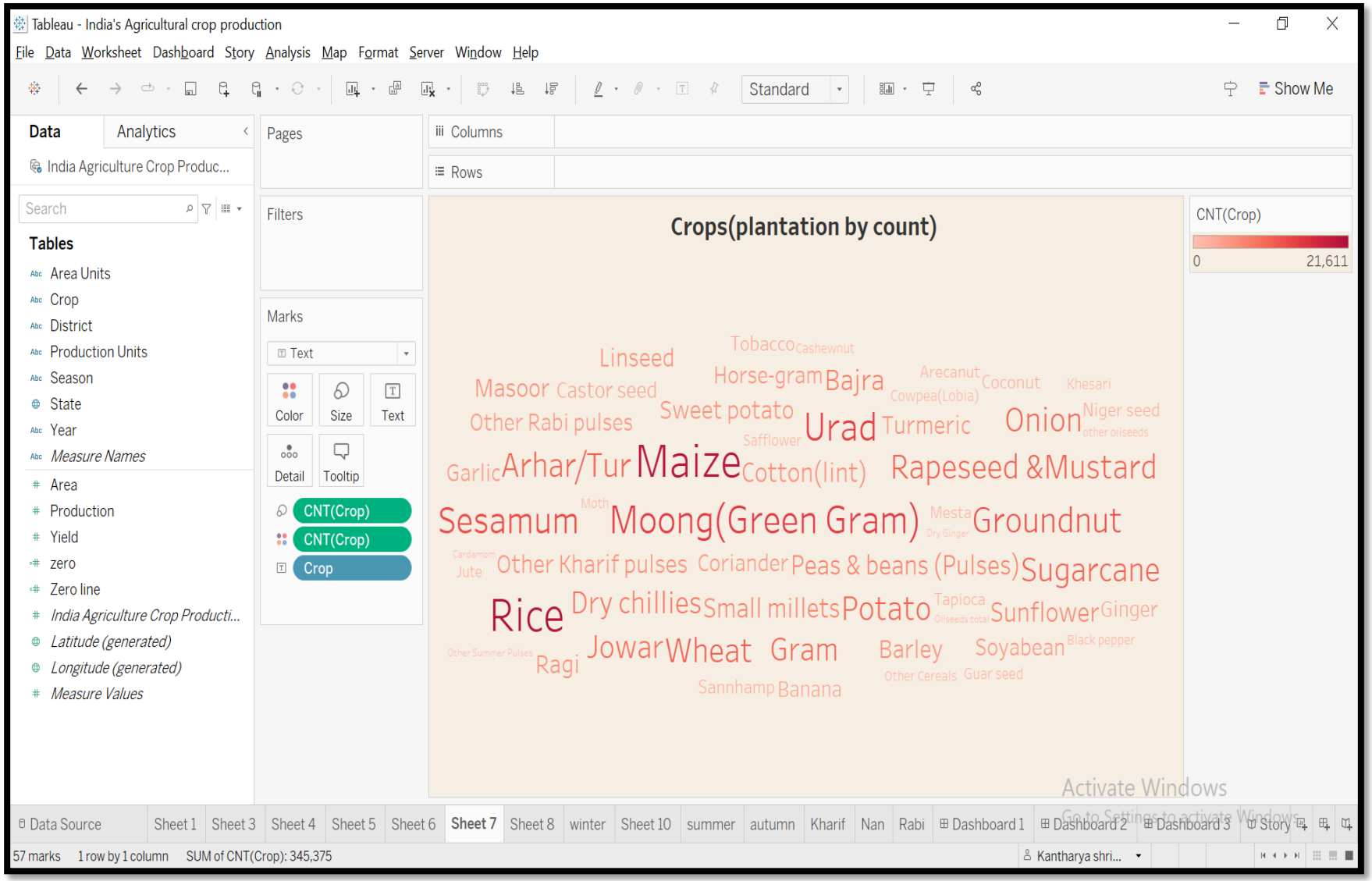
Tableau - India's Agricultural crop production
File Data Worksheet Dashboard Story Analysis Map Format Server Window Help
Standard
Show Me
Data
Analytics
India Agriculture Crop Produc...
Search
Tables
Area Units
Crop
District
Production Units
Season
State
Year
Measure Names
Area
Production
Yield
zero
Zero line
India Agriculture Crop Producti...
Latitude (generated)
Longitude (generated)
Measure Values
Pages
Filters
Marks
Text
Color
Size
Text
Detail
Tooltip
CNT(Crop)
CNT(Crop)
Crop
Columns
Rows
Crops(plantation by count)
CNT(Crop)
0
21,611
Linseed
Tobacco
Cashewnut
Masoor
Castor seed
Horse-gram
Bajra
Arecanut
Coconut
Khesari
Cowpea(Lobia)
Other Rabi pulses
Sweet potato
Urad
Turmeric
Onion
Niger seed
other oilseeds
Safflower
Garlic
Arhar/Tur
Maize
Cotton(lint)
Rapeseed &Mustard
Sesamum
Moth
Moong(Green Gram)
Mesta
Dry Ginger
Groundnut
Cardamom
Jute
Other Kharif pulses
Coriander
Peas & beans (Pulses)
Sugarcane
Rice
Dry chillies
Small millets
Potato
Tapioca
Oilseeds total
Sunflower
Ginger
Other Summer Pulses
Ragi
Jowar
Wheat
Gram
Barley
Soyabean
Black pepper
Other Cereals
Guar seed
Sannhamp
Banana
Activate Windows
Go to Settings to activate Windows.
Data Source
Sheet 1
Sheet 3
Sheet 4
Sheet 5
Sheet 6
Sheet 7
Sheet 8
winter
Sheet 10
summer
autumn
Kharif
Nan
Rabi
Dashboard 1
Dashboard 2
Dashboard 3
Story
57 marks
1 row by 1 column
SUM of CNT(Crop): 345,375
Kantharya shri...

Work Sheet-7

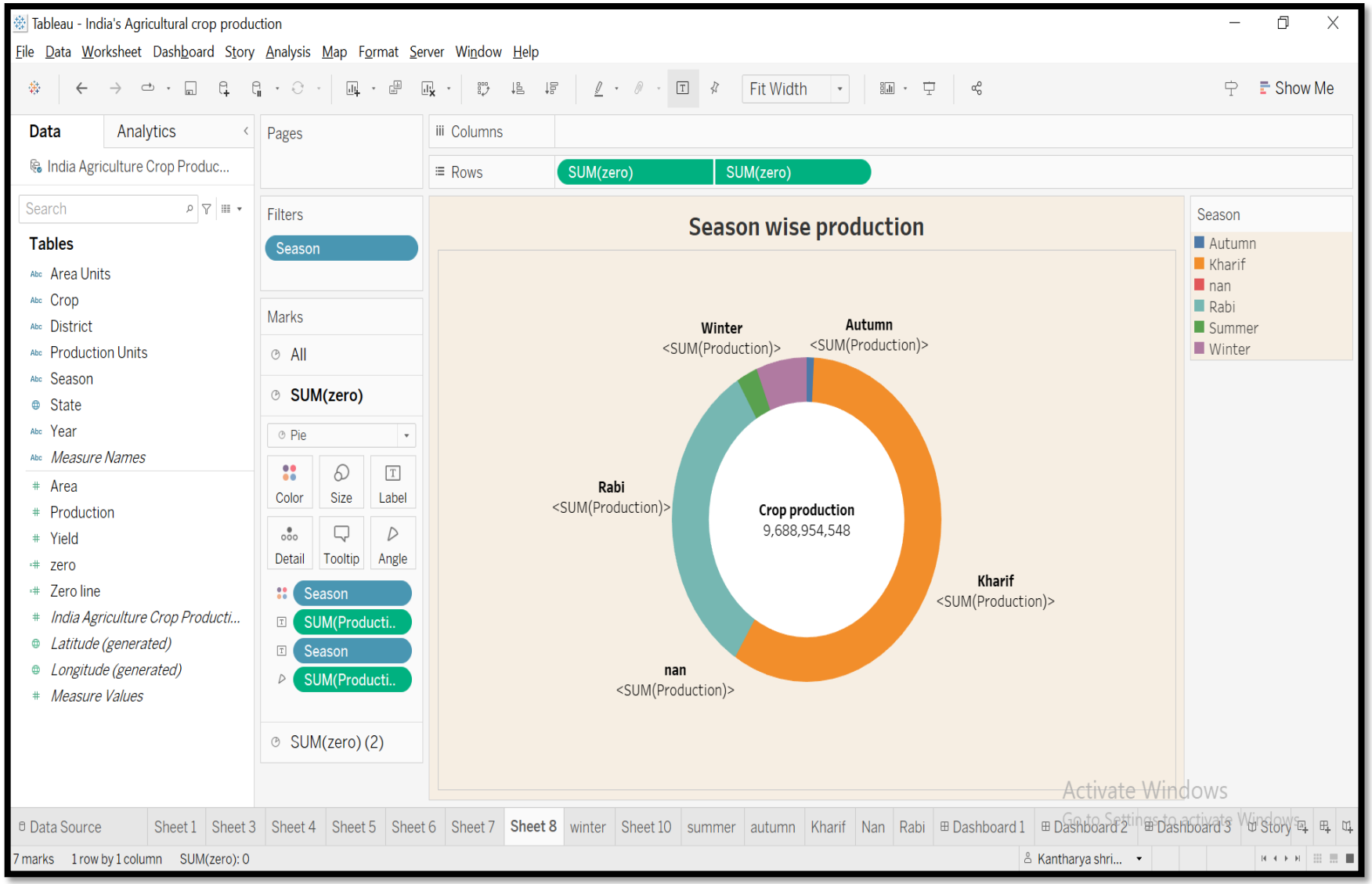
Tableau - India's Agricultural crop production
File Data Worksheet Dashboard Story Analysis Map Format Server Window Help
Fit Width
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Data
Analytics
India Agriculture Crop Produc...
Search
Tables
Area Units
Crop
District
Production Units
Season
State
Year
Measure Names
Area
Production
Yield
zero
Zero line
India Agriculture Crop Producti...
Latitude (generated)
Longitude (generated)
Measure Values
Pages
Filters
Season
Marks
All
SUM(zero)
Pie
Color
Size
Label
Detail
Tooltip
Angle
Season
SUM(Producti..
Season
SUM(Producti..
SUM(zero) (2)
Columns
Rows
SUM(zero)
SUM(zero)
Season wise production
Winter
<SUM(Production)>
Autumn
<SUM(Production)>
Rabi
<SUM(Production)>
Crop production
9,688,954,548
Kharif
<SUM(Production)>
nan
<SUM(Production)>
Season
Autumn
Kharif
nan
Rabi
Summer
Winter
Activate Windows
Data Source
Sheet 1
Sheet 3
Sheet 4
Sheet 5
Sheet 6
Sheet 7
Sheet 8
winter
Sheet 10
summer
autumn
Kharif
Nan
Rabi
Dashboard 1
Dashboard 2
Dashboard 3
Story
7 marks
1 row by 1 column
SUM(zero): 0
Kantharya shri...

Work Sheet-8

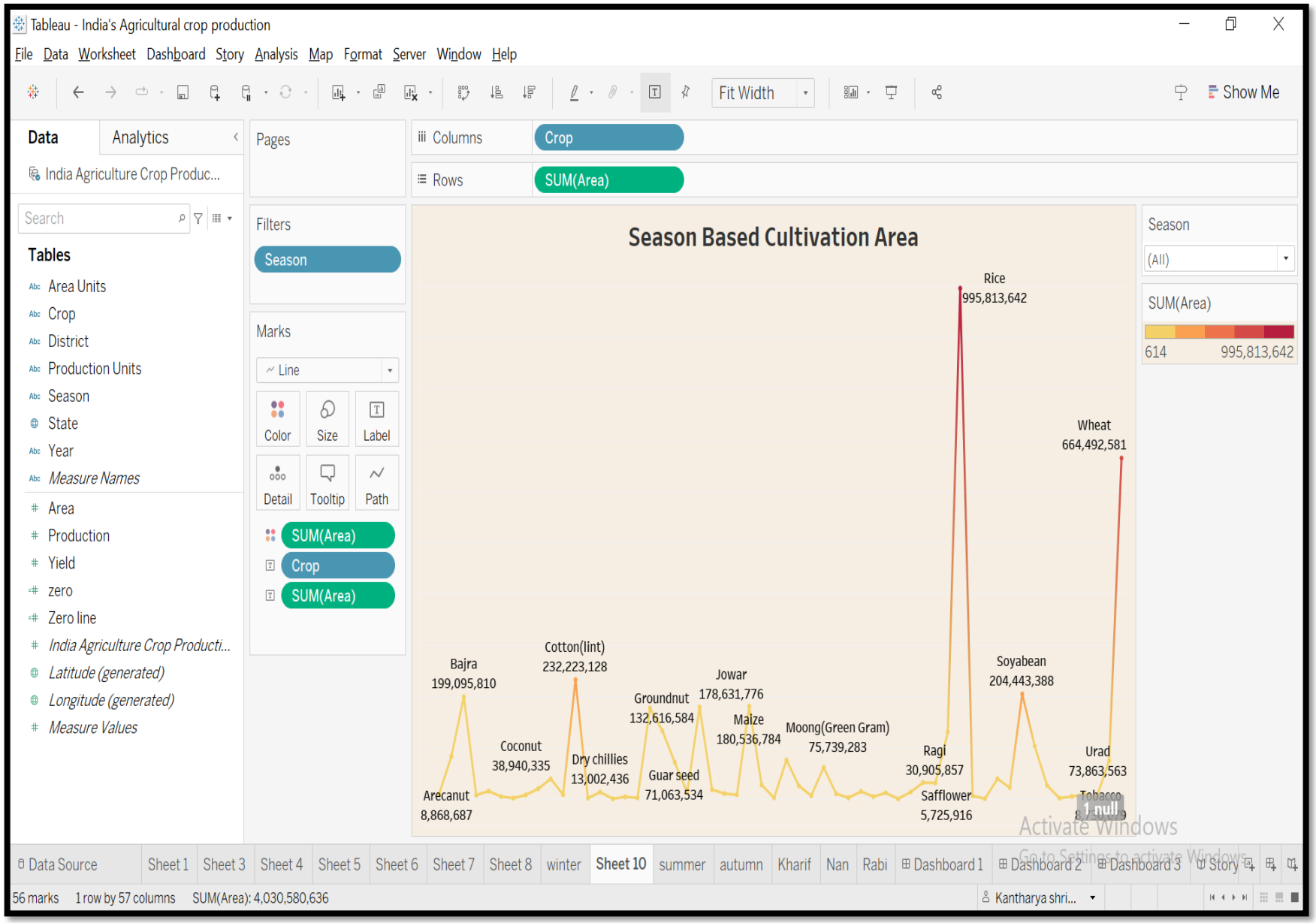
Tableau - India's Agricultural crop production
File Data Worksheet Dashboard Story Analysis Map Format Server Window Help
Fit Width
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Search
Tables
Area Units
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District
Production Units
Season
State
Year
Measure Names
Area
Production
Yield
zero
Zero line
India Agriculture Crop Producti...
Latitude (generated)
Longitude (generated)
Measure Values
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Filters
Season
Marks
Line
Color
Size
Label
Detail
Tooltip
Path
SUM(Area)
Crop
SUM(Area)
Columns
Crop
Rows
SUM(Area)
Season Based Cultivation Area
Rice
995,813,642
Wheat
664,492,581
Soyabean
204,443,388
Cotton(lint)
232,223,128
Bajra
199,095,810
Jowar
178,631,776
Groundnut
132,616,584
Maize
180,536,784
Moong(Green Gram)
75,739,283
Coconut
38,940,335
Dry chillies
13,002,436
Guar seed
71,063,534
Ragi
30,905,857
Urad
73,863,563
Safflower
5,725,916
Arecanut
8,868,687
1 null
Season
(All)
SUM(Area)
614
995,813,642
Activate Windows
Go to Settings to activate Windows.
Data Source
Sheet 1
Sheet 3
Sheet 4
Sheet 5
Sheet 6
Sheet 7
Sheet 8
winter
Sheet 10
summer
autumn
Kharif
Nan
Rabi
Dashboard 1
Dashboard 2
Dashboard 3
Story
56 marks
1 row by 57 columns
SUM(Area): 4,030,580,636
Kantharya shri...

Dash Board-1

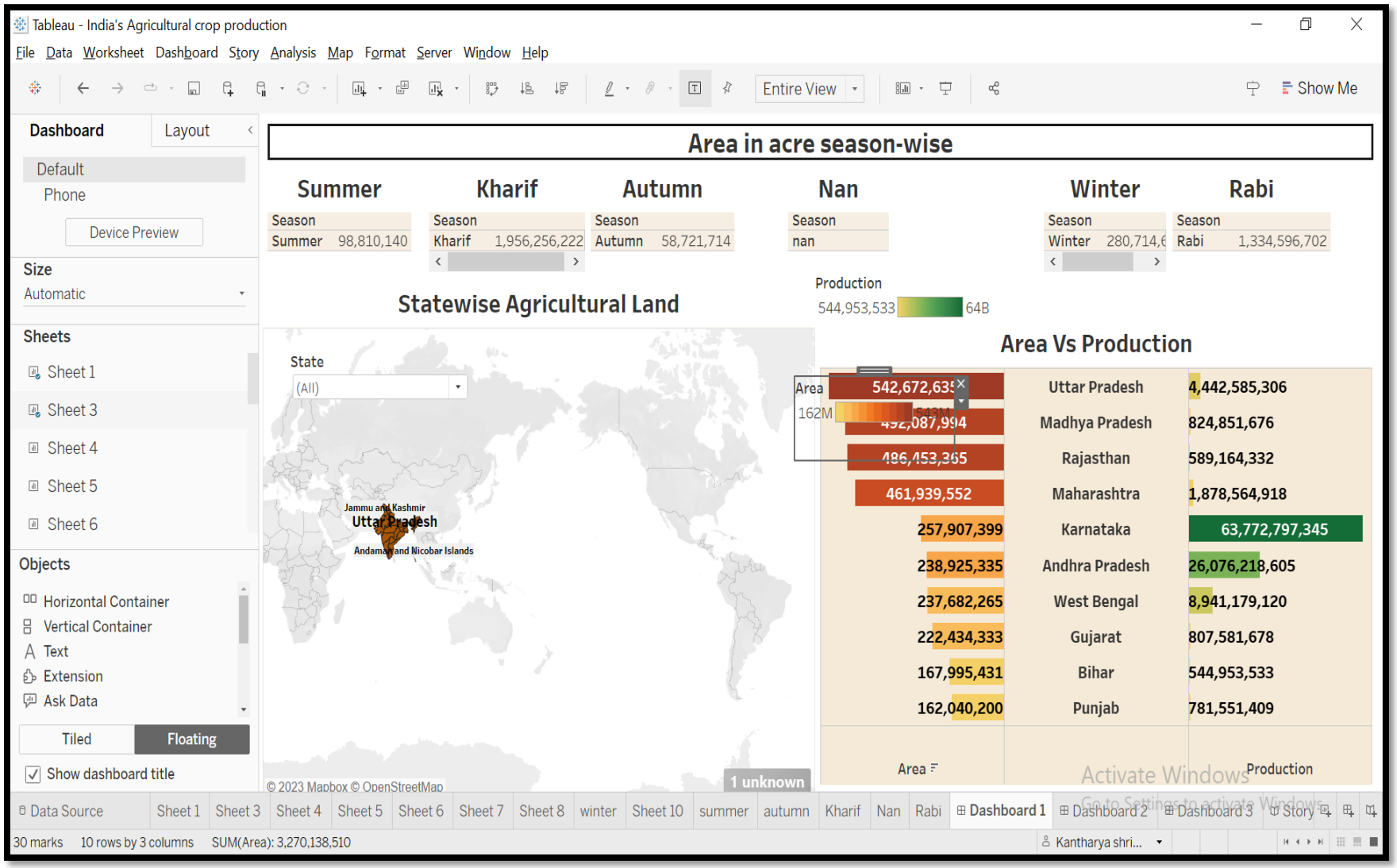


Tableau - India's Agricultural crop production
File Data Worksheet Dashboard Story Analysis Map Format Server Window Help
Entire View
Show Me
Dashboard
Layout
Default
Phone
Device Preview
Size
Automatic
Sheets
Sheet 1
Sheet 3
Sheet 4
Sheet 5
Sheet 6
Objects
Horizontal Container
Vertical Container
Text
Extension
Ask Data
Tiled
Floating
Show dashboard title
Area in acre season-wise
Summer
Season
Summer 98,810,140
Kharif
Season
Kharif 1,956,256,222
Autumn
Season
Autumn 58,721,714
Nan
Season
nan
Winter
Season
Winter 280,714,6
Rabi
Season
Rabi 1,334,596,702
Statewise Agricultural Land
Production
544,953,533 64B
State
(All)
Jammu and Kashmir
Uttar Pradesh
Andaman and Nicobar Islands
© 2023 Mapbox © OpenStreetMap
1 unknown
Area Vs Production
Area
162M
542,672,63
Uttar Pradesh 4,442,585,306
Madhya Pradesh 824,851,676
Rajasthan 589,164,332
Maharashtra 1,878,564,918
Karnataka 63,772,797,345
Andhra Pradesh 26,076,218,605
West Bengal 8,941,179,120
Gujarat 807,581,678
Bihar 544,953,533
Punjab 781,551,409
Area
Production
Activate Windows
Go to Settings to activate Windows.
Data Source
Sheet 1
Sheet 3
Sheet 4
Sheet 5
Sheet 6
Sheet 7
Sheet 8
winter
Sheet 10
summer
autumn
Kharif
Nan
Rabi
Dashboard 1
Dashboard 2
Dashboard 3
Story
30 marks
10 rows by 3 columns
SUM(Area): 3,270,138,510
Kantharya shri...

Dash Board-2

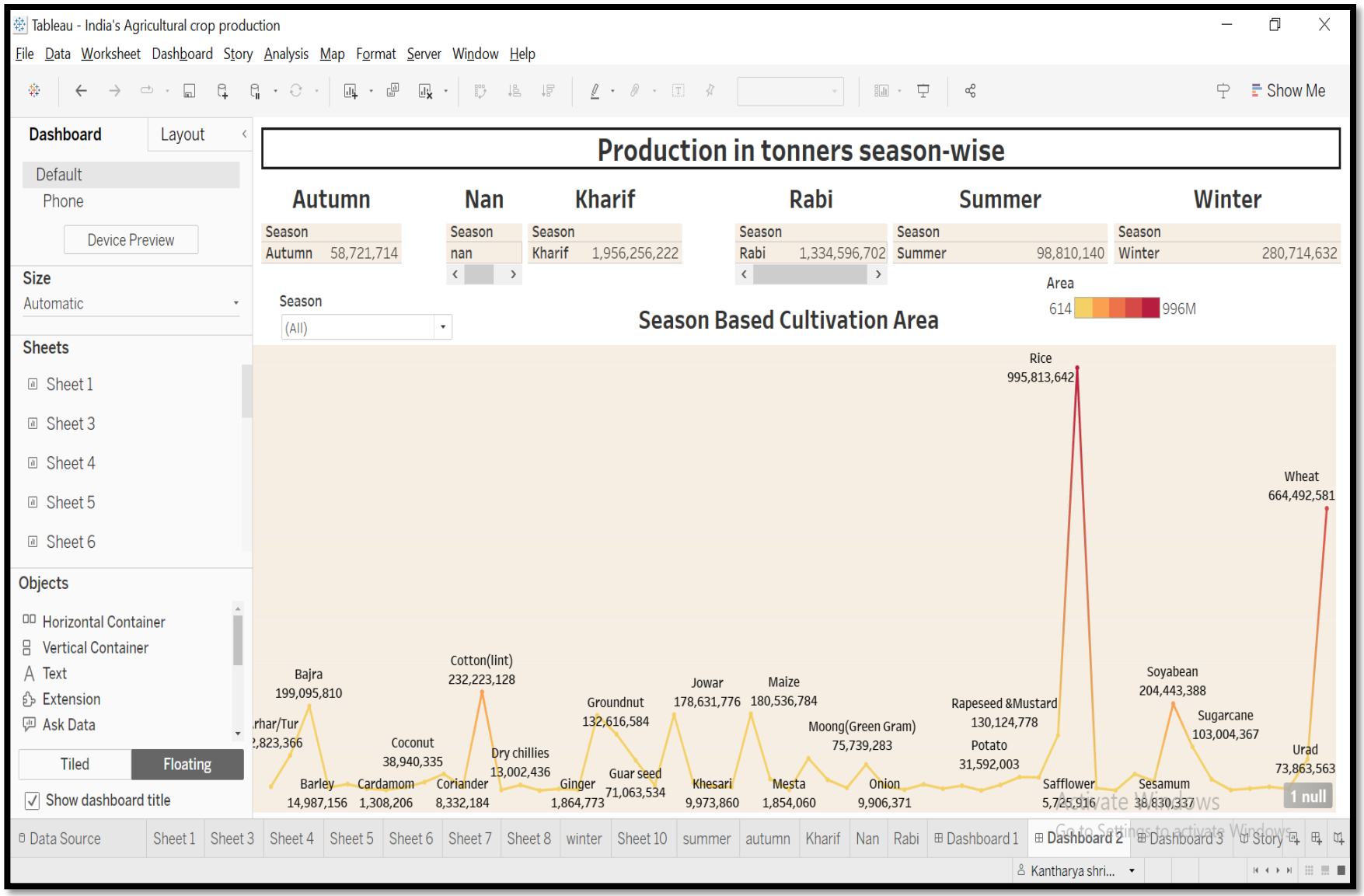


Tableau - India's Agricultural crop production
File Data Worksheet Dashboard Story Analysis Map Format Server Window Help
Show Me
Dashboard
Layout
Default
Phone
Device Preview
Size
Automatic
Sheets
Sheet 1
Sheet 3
Sheet 4
Sheet 5
Sheet 6
Objects
Horizontal Container
Vertical Container
Text
Extension
Ask Data
Tiled
Floating
Show dashboard title
Production in tonners season-wise
Autumn
Season
Autumn 58,721,714
Nan
Season
nan
Kharif
Season
Kharif 1,956,256,222
Rabi
Season
Rabi 1,334,596,702
Summer
Season
Summer 98,810,140
Winter
Season
Winter 280,714,632
Season
(All)
Season Based Cultivation Area
Area
614
996M
Rice 995,813,642
Wheat 664,492,581
Bajra 199,095,810
Barley 14,987,156
Cardamom 1,308,206
Coconut 38,940,335
Coriander 8,332,184
Cotton(lint) 232,223,128
Dry chillies 13,002,436
Ginger 1,864,773
Groundnut 132,616,584
Guar seed 71,063,534
Jowar 178,631,776
Khesari 9,973,860
Maize 180,536,784
Mesta 1,854,060
Moong(Green Gram) 75,739,283
Onion 9,906,371
Potato 31,592,003
Rapeseed &Mustard 130,124,778
Safflower 5,725,916
Soyabean 204,443,388
Sesamum 38,830,337
Sugarcane 103,004,367
Urad 73,863,563
1 null
Activate Windows
Go to Settings to activate Windows.
Data Source
Sheet 1
Sheet 3
Sheet 4
Sheet 5
Sheet 6
Sheet 7
Sheet 8
winter
Sheet 10
summer
autumn
Kharif
Nan
Rabi
Dashboard 1
Dashboard 2
Dashboard 3
Story
Kantharya shri...

Dash Board-3

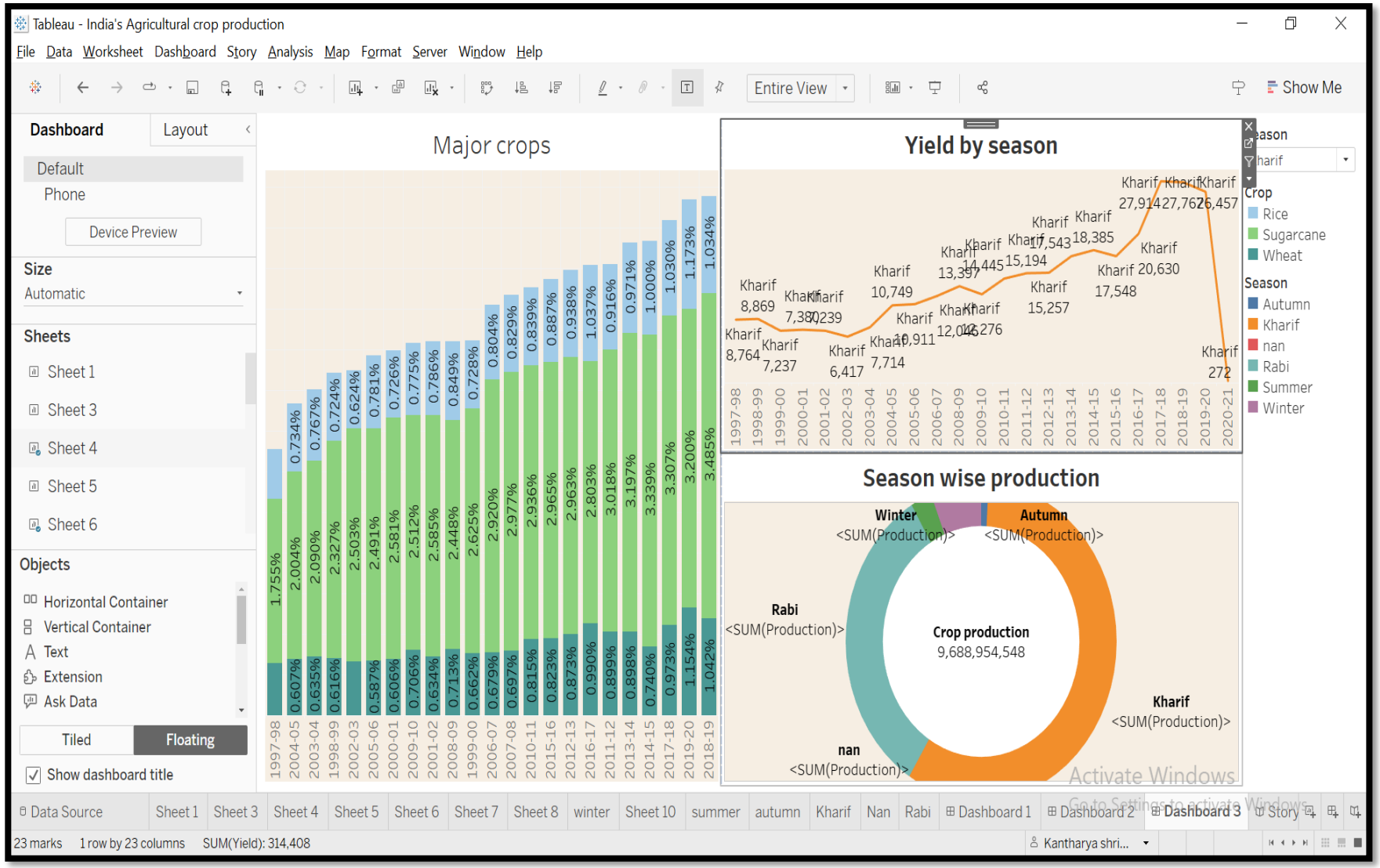
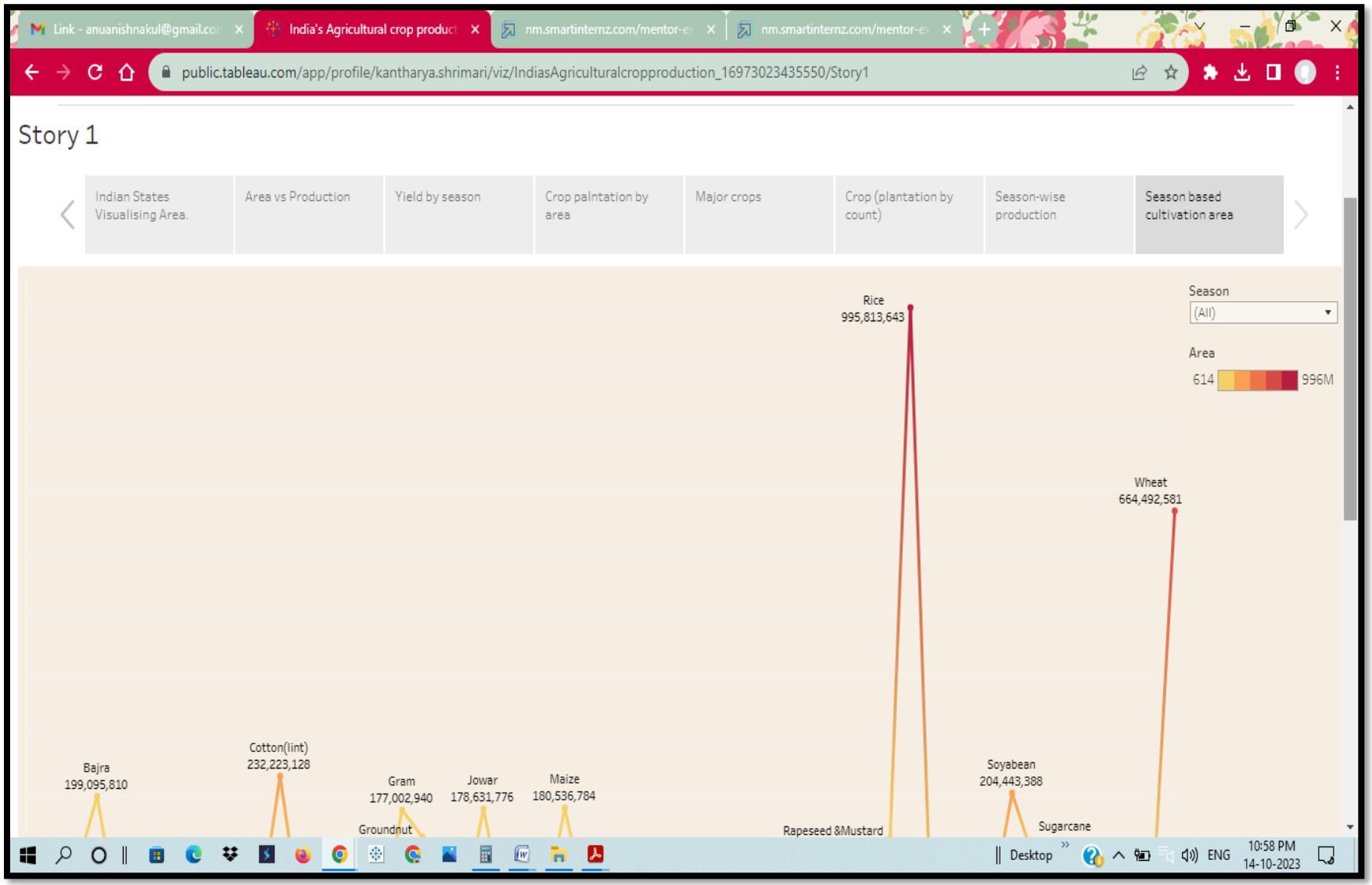
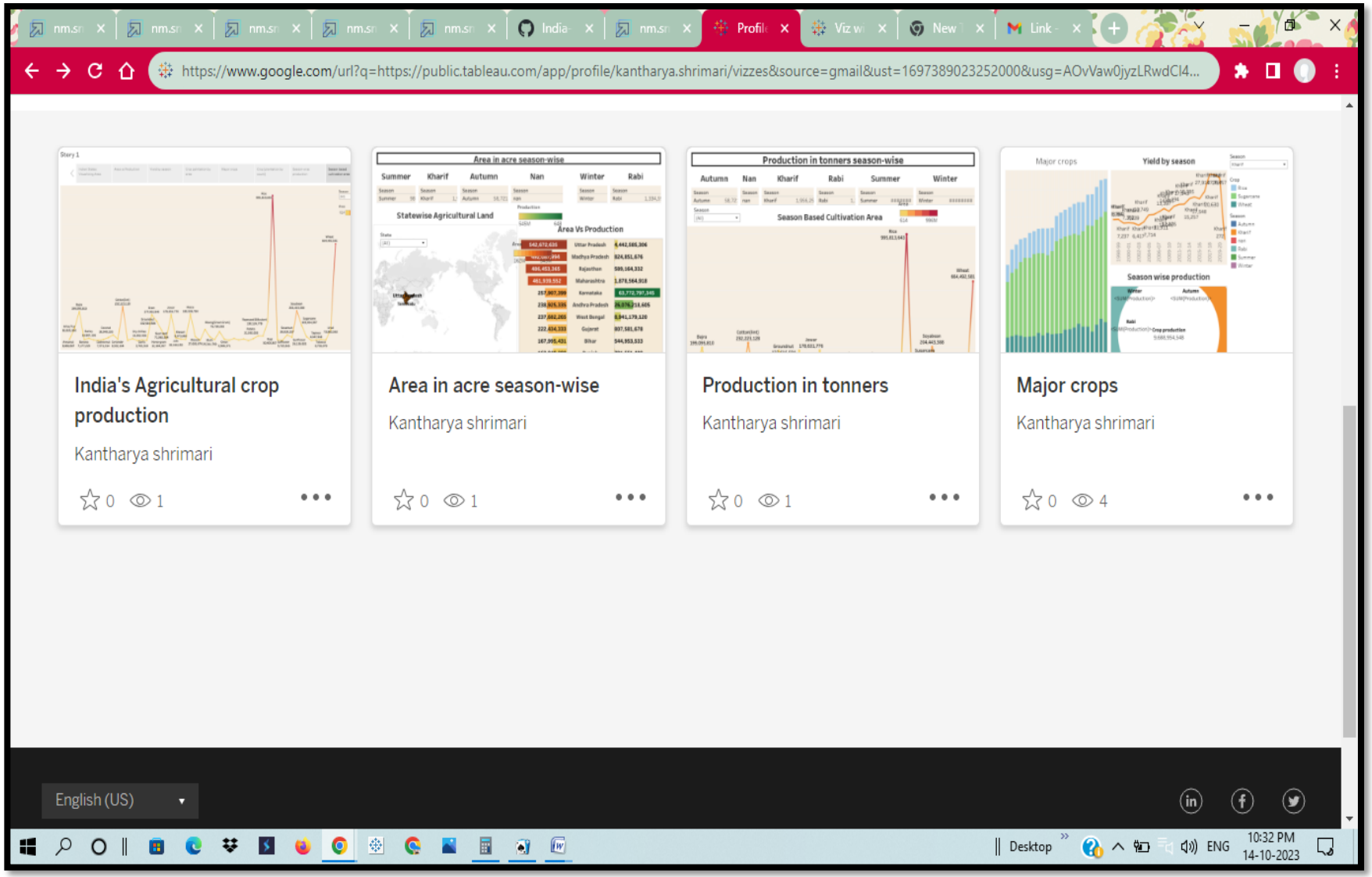


Tableau - India's Agricultural crop production
File Data Worksheet Dashboard Story Analysis Map Format Server Window Help
Entire View
Show Me
Dashboard
Layout
Default
Phone
Device Preview
Size
Automatic
Sheets
Sheet 1
Sheet 3
Sheet 4
Sheet 5
Sheet 6
Objects
Horizontal Container
Vertical Container
Text
Extension
Ask Data
Tiled
Floating
Show dashboard title
Major crops
Yield by season
Crop
Rice
Sugarcane
Wheat
Season
Autumn
Kharif
nan
Rabi
Summer
Winter
Season wise production
Winter
<SUM(Production)>
Autumn
<SUM(Production)>
Rabi
<SUM(Production)>
Crop production
9,688,954,548
Kharif
<SUM(Production)>
nan
<SUM(Production)>
Activate Windows
Data Source
Sheet 1
Sheet 3
Sheet 4
Sheet 5
Sheet 6
Sheet 7
Sheet 8
winter
Sheet 10
summer
autumn
Kharif
Nan
Rabi
Dashboard 1
Dashboard 2
Dashboard 3
Story
23 marks
1 row by 23 columns
SUM(Yield): 314,408
Kantharya shri...

Story


Link - anuanishnakul@gmail.com
India's Agricultural crop product
nm.smartinternz.com/mentor-ex
nm.smartinternz.com/mentor-ex
public.tableau.com/app/profile/kantharya.shrimari/viz/IndiasAgriculturalcropproduction_16973023435550/Story1
Story 1
Indian States Visualising Area.
Area vs Production
Yield by season
Crop palntation by area
Major crops
Crop (plantation by count)
Season-wise production
Season based cultivation area
Season
(All)
Area
614
996M
Rice
995,813,643
Wheat
664,492,581
Soyabean
204,443,388
Sugarcane
Rapeseed &Mustard
Bajra
199,095,810
Cotton(lint)
232,223,128
Gram
177,002,940
Groundnut
Jowar
178,631,776
Maize
180,536,784
Desktop
ENG
10:58 PM
14-10-2023

Publication



Thank Tou