

Government Art And Science Collage Thennagur
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Thiruvalluvar University



Thiruvannamalai District

India's Agricultural Crop Production Analysis

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India's Agriculture crop production

Introduction:

Crop production is a common agricultural practice followed by worldwide farmers to grow and produce crops to use as food and fibre. This practice includes all the feed sources that are required to maintain and produce crops. Listed below are few practices used during crop production. Preparation of Soil.

Says

What have we heard them say?
What can we imagine them saying?

India is the second largest producer of wheat and rice the world major food staples

it provides employment opportunities to the rural agricultural labours

the history of agriculture in India dates back to the neolithic period

It provides food, raw material for industries and product for export.

Agriculture is the main source of income for major part of our country's population.

Does

What behavior have we observed?
What can we imagine them doing?



See an example

Thinks

What are their wants, needs, hopes, and dreams?
What other thoughts might influence their behavior?



Agriculture growth has been fairly volatile over the past decade, ranging from 5.8% in 2005-2006 to 0.4% in 2009-2010 and -0.2% in 2014-2015

the agriculture sector employs nearly half of the workforce in the country, however it contributes to 17.5% of GDP (at current prices in 2015-16)

A way of grouping continuous data into discrete categories are bins in tableau.



MR RAJEEV GUPTA / EQUATIONSTOCK

Short summary of the person

It ensures the country food security and produce a variety of industrial raw materials.

Indian agriculture began by 9000 BCE on North-West India with the early cultivation of plants and domestication of crops and animals.

Agriculture is the mainstay of India economy because about 60% of our population depends directly or indirectly on agriculture.

Feels

What are their fears, frustrations, and anxieties?
What other feelings might influence their behavior?

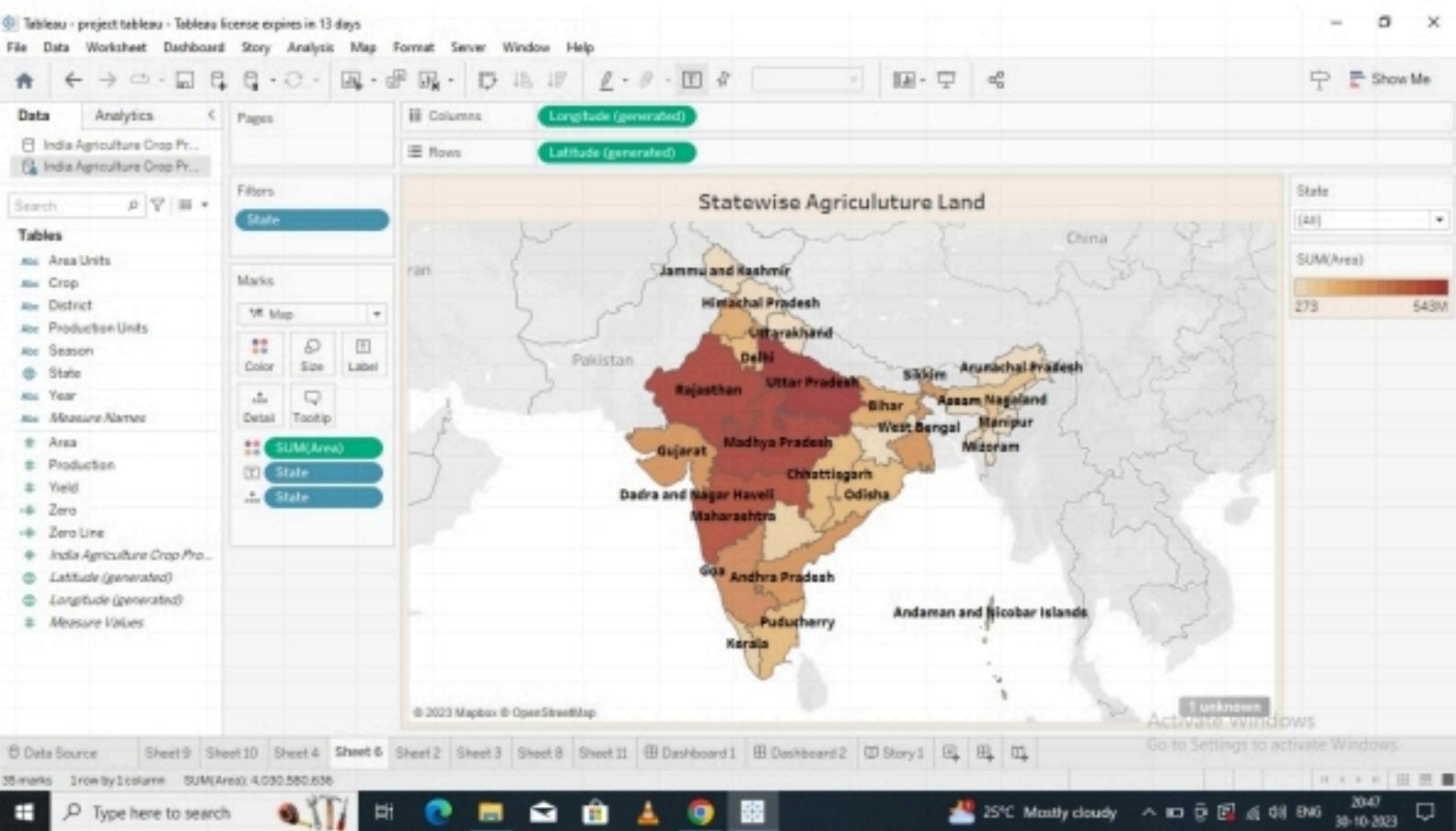


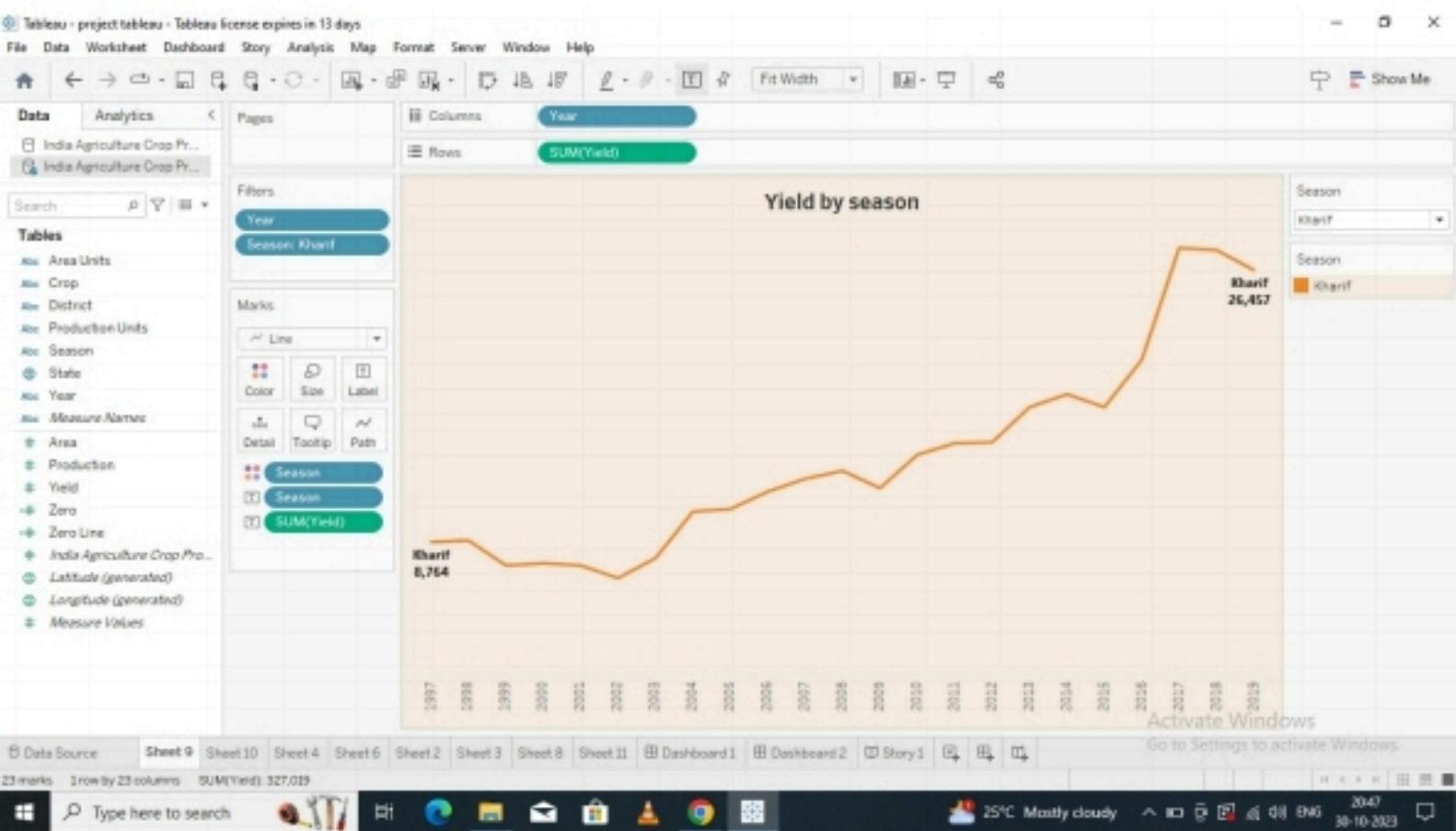
The interface displays a complex flowchart with nodes like 'Business & Idea prioritization', 'Business Model Canvas', 'Market Overview', 'Competitor Analysis', 'Value Proposition Canvas', 'Market Segmentation', 'Customer Segments', 'Customer Needs', 'Value Propositions', 'Offerings', 'Marketing Strategy', 'Sales Strategy', 'Distribution Strategy', 'Financial Plan', 'Risk Assessment', and 'Conclusion'. A central grid shows four columns labeled 'person 1' through 'person 4' with various items listed under each. The right side features a large image of a field and several yellow callout boxes with text and icons. At the bottom, there are navigation arrows and a footer with social media links.

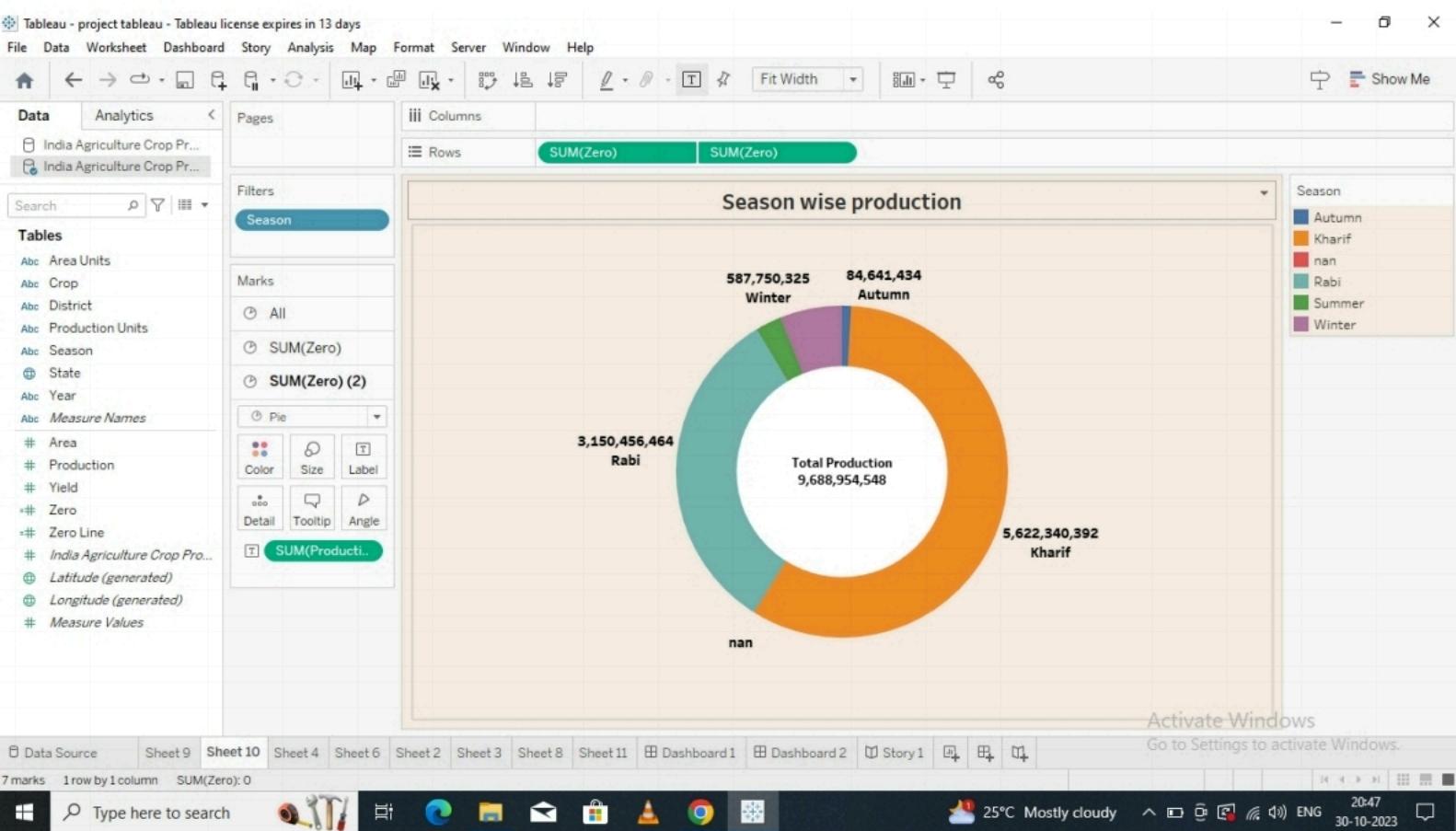
India Agriculture Cr...

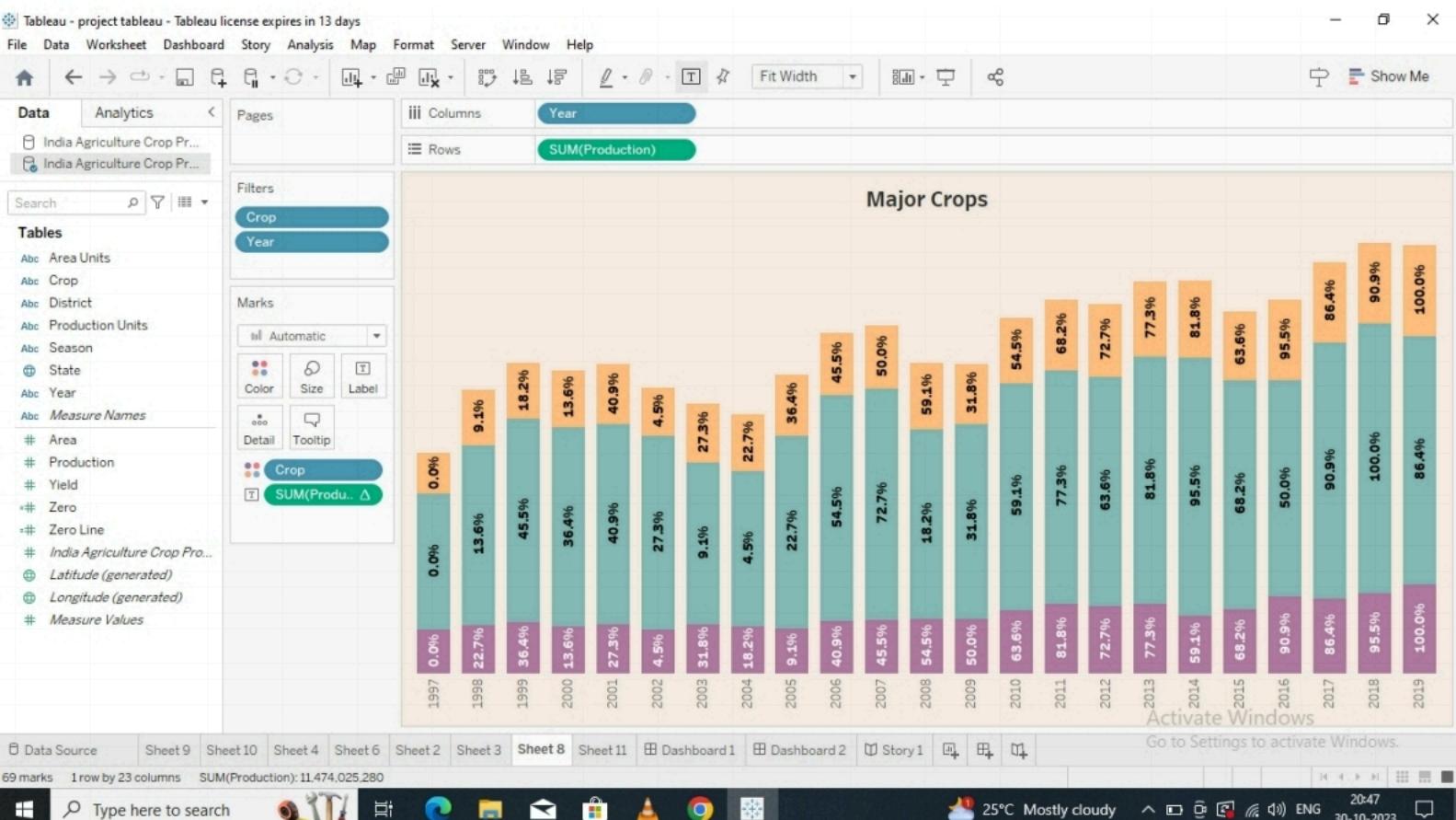
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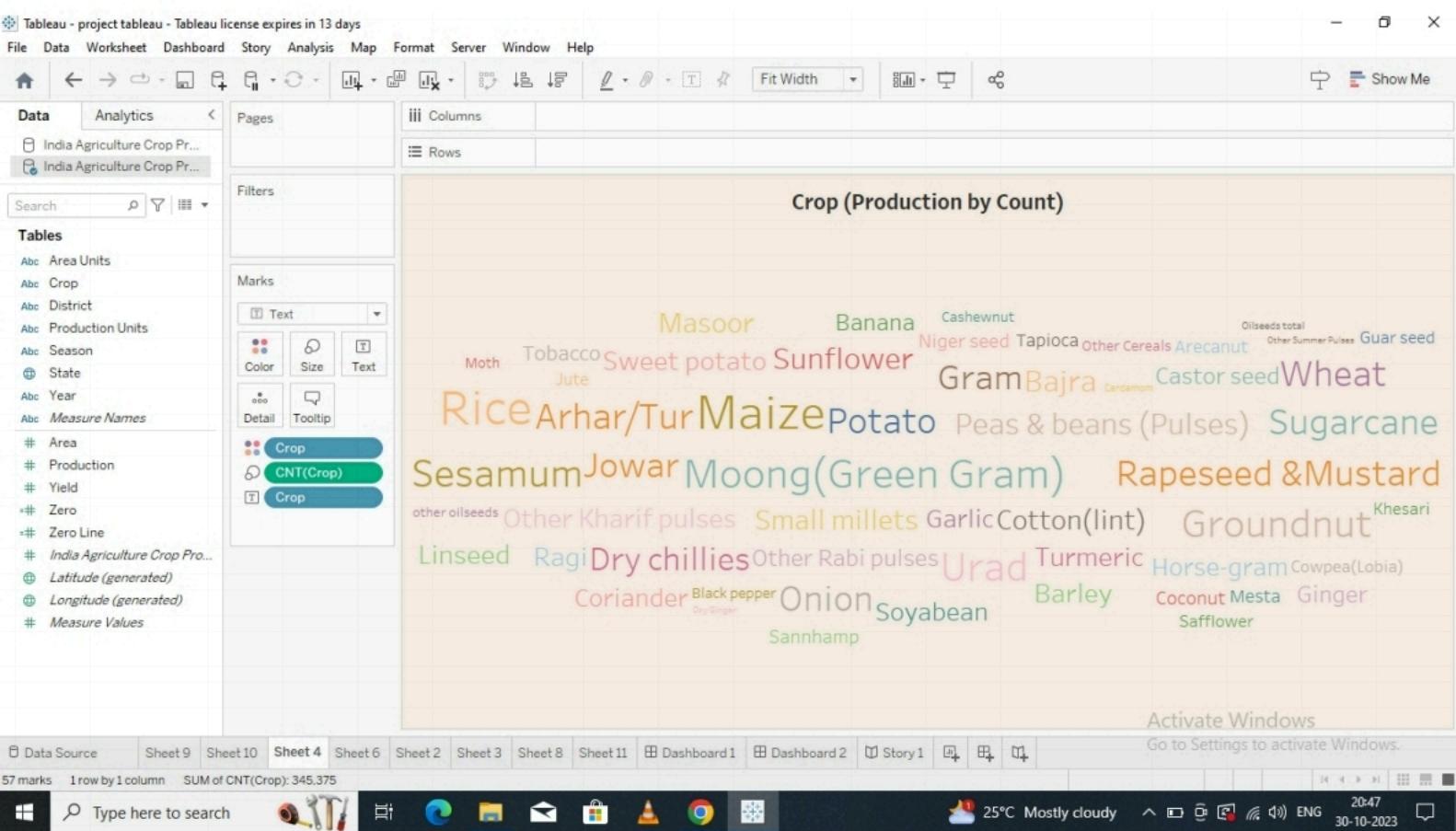
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
State	District	Crop	Year	Season	Area	Area Units	Production	Production/Hectare								
1 Andhra	COGBARS	Arecanut	Feb-01	Rabi/F	1254 Hectare	2061 Tonnes	1.645407									
2 Andaman & NICOBARS		Arecanut	Mar-02	Whole Year	1258 Hectare	2065 Tonnes	1.645409									
3 Andaman & NICOBARS		Arecanut	Apr-03	Whole Year	1261 Hectare	1625 Tonnes	1.206577									
4 Andaman & NICOBARS		Arecanut	Feb-01	Rabi/F	3100 Hectare	5239 Tonnes	1.68									
5 Andaman & NICOBARS		Arecanut	Mar-02	Whole Year	3105 Hectare	5267 Tonnes	1.686296									
6 Andaman & NICOBARS		Banana	Apr-03	Whole Year	3118 Hectare	5182 Tonnes	1.661962									
7 Andaman & NICOBARS		Banana	Mar-02	Whole Year	273 Hectare	1278 Tonnes	5									
8 Andaman & NICOBARS		Banana	Apr-03	Whole Year	266 Hectare	1268 Tonnes	6.4278195									
9 Andaman & NICOBARS		Banana	Mar-02	Whole Year	1524 Hectare	10662 Tonnes	7.1406199									
10 Andaman & NICOBARS		Banana	Apr-03	Whole Year	1530 Hectare	11588 Tonnes	7.5842484									
11 Andaman & NICOBARS		Black pepper	Mar-02	Whole Year	62 Hectare	13.5 Tonnes	0.2142857									
12 Andaman & NICOBARS		Black pepper	Apr-03	Whole Year	75.5 Hectare	15.86 Tonnes	0.2100662									
13 Andaman & NICOBARS		Black pepper	Mar-02	Whole Year	487 Hectare	102.5 Tonnes	0.2106723									
14 Andaman & NICOBARS		Black pepper	Apr-03	Whole Year	467 Hectare	104.37 Tonnes	0.21									
15 Andaman & NICOBARS		Cashewnut	Feb-01	Whole Year	719 Hectare	182 Tonnes	0.267878									
16 Andaman & NICOBARS		Cashewnut	Mar-02	Whole Year	719 Hectare	206 Tonnes	0.2862907									
17 Andaman & NICOBARS		Cashewnut	Apr-03	Whole Year	717 Hectare	208.5 Tonnes	0.290795									
18 Andaman & NICOBARS		Cashewnut	Feb-01	Whole Year	81 Hectare	33 Tonnes	0.4074074									
19 Andaman & NICOBARS		Cashewnut	Mar-02	Whole Year	81 Hectare	26 Tonnes	0.2962969									
20 Andaman & NICOBARS		Cashewnut	Apr-03	Whole Year	116.5 Hectare	36.14 Tonnes	0.2243777									
21 Andaman & NICOBARS		Coconut	Feb-01	Whole Year	18180 Hectare	64430000 Nuts	3542.9561									
22 Andaman & NICOBARS		Coconut	Mar-02	Whole Year	18240 Hectare	64460000 Nuts	3700.1096									
23 Andaman & NICOBARS		Coconut	Apr-03	Whole Year	18284.74 Hectare	65560000 Nuts	3790.6686									
24 Andaman & NICOBARS		Coconut	Feb-01	Whole Year	7015 Hectare	25250000 Nuts	3594.4298									
25 Andaman & NICOBARS		Coconut	Mar-02	Whole Year	7060 Hectare	26000000 Nuts	3600.2823									
26 Andaman & NICOBARS		Coconut	Apr-03	Whole Year	7110 Hectare	26660000 Nuts	3749.6484									
27 Andaman & NICOBARS		Coco chilles	Mar-02	Whole Year	413 Hectare	28.8 Tonnes	0.0667337									
28 Andaman & NICOBARS		Coco chilles	Apr-03	Whole Year	60 Hectare	102 Tonnes	1.7									
29 Andaman & NICOBARS		Coco chilles	Mar-02	Whole Year	239 Hectare	20.9 Tonnes	0.0870477									
30 Andaman & NICOBARS		Coco chilles	Apr-03	Whole Year	340 Hectare	576 Tonnes	1.7									
31 Andaman & NICOBARS		Ginger	Feb-01	Whole Year	46 Hectare	100 Tonnes	2.178913									
32 Andaman & NICOBARS		Ginger	Mar-02	Whole Year	47.2 Hectare	133 Tonnes	2.811038									
33 Andaman & NICOBARS		Ginger	Apr-03	Whole Year	102 Hectare	326.4 Tonnes	3.2									
34 Andaman & NICOBARS		Ginger	Feb-01	Whole Year	344 Hectare	1124 Tonnes	3.2674419									
35 Andaman & NICOBARS		Ginger	Mar-02	Whole Year	352 Hectare	1145 Tonnes	3.2528409									
36 Andaman & NICOBARS		Ginger	Apr-03	Whole Year	406 Hectare	1299.2 Tonnes	3.2									
37 Andaman & NICOBARS		Other Khanf	Feb-01	Rabi	2 Hectare	1 Tonnes	0.5									
38 Andaman & NICOBARS		Other Khanf	Mar-02	Rabi	418 Hectare	180 Tonnes	0.4765076									
39 Andaman & NICOBARS		other oilseed	Apr-03	Whole Year	42 Hectare	0.3 Tonnes	0.0714286									
40 Andaman & NICOBARS		other oilseed	Mar-02	Whole Year	85.1 Hectare	40.31 Tonnes	0.463678									
41 Andaman & NICOBARS		other oilseed	Apr-03	Whole Year	82.98 Hectare	35.91 Tonnes	0.432574									
42 Andaman & NICOBARS		Rice	Feb-01	Rabi	10 Hectare	300 Tonnes	3.6144878									
43 Andaman & NICOBARS		Rice	Mar-02	Rabi	199.2 Hectare	510.64 Tonnes	2.7									
44 Andaman & NICOBARS		Rice	Apr-03	Rabi	52 Hectare	90.17 Tonnes	1.754288									
45 Andaman & NICOBARS		Rice	Feb-01	Rabi	9718 Hectare	27000 Tonnes	2.7817452									
46 Andaman & NICOBARS		Rice	Mar-02	Rabi	10695.8 Hectare	31600.62 Tonnes	2.9545074									
47 Andaman & NICOBARS		Rice	Apr-03	Rabi	10599.37 Hectare	30760.668 Tonnes	2.8266789									
48 Andaman & NICOBARS		Sugarcane	Feb-01	Whole Year	1 Hectare	1 Tonnes	1									
49 Andaman & NICOBARS		Sugarcane	Mar-02	Whole Year	5 Hectare	40 Tonnes	8									
50 Andaman & NICOBARS		Sugarcane	Feb-01	Whole Year	81 Hectare	2379 Tonnes	29.37037									
51 Andaman & NICOBARS		Sugarcane	Mar-02	Whole Year	455 Hectare	13760 Tonnes	30.241758									
52 Andaman & NICOBARS		Sugarcane	Apr-03	Whole Year	286 Hectare	2879.52 Tonnes	10.744478									
53 Andaman & NICOBARS		Sweet potato	Feb-01	Whole Year	11 Hectare	30 Tonnes	3									
54 Andaman & NICOBARS		Sweet potato	Mar-02	Whole Year	100 Hectare	5 Tonnes	0.05									
55 Andhra Pradesh	ANANTAPUR	Arecanut	Feb-01	Whole Year	257 Hectare	430 Tonnes	1.6731518									
56 Andhra Pradesh	ANANTAPUR	Arecanut	Mar-02	Whole Year	262 Hectare	379 Tonnes	1.4410648									
57 Andhra Pradesh	ANANTAPUR	Arecanut	Apr-03	Whole Year	266 Hectare	389 Tonnes	1.4105263									
58 Andhra Pradesh	ANANTAPUR	Arecanut	Feb-01	Whole Year	7 Hectare	12 Tonnes	1.7142857									
59 Andhra Pradesh	ANANTAPUR	Arecanut	Mar-02	Whole Year	7 Hectare	19 Tonnes	1.4285714									
60 Andhra Pradesh	ANANTAPUR	Arecanut	Apr-03	Whole Year	6 Hectare	4 Tonnes	0.6666667									
61 Andhra Pradesh	ANANTAPUR	Arecanut	Feb-01	Whole Year	4 Hectare	7 Tonnes	1.75									
62 Andhra Pradesh	ANANTAPUR	Arecanut	Mar-02	Whole Year	18 Hectare	26 Tonnes	1.4444444									
63 Andhra Pradesh	ANANTAPUR	Arecanut	Apr-03	Whole Year	18 Hectare	13 Tonnes	0.7222222									
64 Andhra Pradesh	ANANTAPUR	Arecanut	Feb-01	Whole Year	8 Hectare	12 Tonnes	1.5									
65 Andhra Pradesh	ANANTAPUR	Arecanut	Mar-02	Whole Year	12 Hectare	9 Tonnes	0.75									
66 Andhra Pradesh	ANANTAPUR	Arecanut	Apr-03	Whole Year	9 Hectare	6 Tonnes	0.6666667									
67 Andhra Pradesh	ADILABAD	Ahar/Tur	Feb-01	Rabi/F	36458 Hectare	18037 Tonnes	0.4669889									
68 Andhra Pradesh	ADILABAD	Ahar/Tur	Feb-01	Rabi	652 Hectare	306 Tonnes	0.4660252									
69 Andhra Pradesh	ADILABAD	Ahar/Tur	Mar-02	Rabi/F	40771 Hectare	9699 Tonnes	0.2450033									
70 Andhra Pradesh	ADILABAD	Ahar/Tur	Mar-02	Rabi	945 Hectare	232 Tonnes	0.2455028									
71 Andhra Pradesh	ADILABAD	Ahar/Tur	Apr-03	Rabi/F	36598 Hectare	15284 Tonnes	0.3466006									
72 Andhra Pradesh	ADILABAD	Ahar/Tur	Apr-03	Rabi	1351 Hectare	467 Tonnes	0.3456698									
73 Andhra Pradesh	ADILABAD	Ahar/Tur	Feb-01	Rabi/F	27942 Hectare	7628 Tonnes	0.2729941									
74 Andhra Pradesh	ADILABAD	Ahar/Tur	Feb-01	Rabi	5 Hectare	1 Tonnes	0.2									
75 Andhra Pradesh	ADILABAD	Ahar/Tur	Mar-02	Rabi/F	35454 Hectare	6657 Tonnes	0.1966006									
76 Andhra Pradesh	ADILABAD	Ahar/Tur	Mar-02	Rabi	41178 Hectare	6658 Tonnes	0.1689988									
77 Andhra Pradesh	ADILABAD	Ahar/Tur	Apr-03	Rabi/F	5400 Hectare	924 Tonnes	0.1710161									
78 Andhra Pradesh	ADILABAD	Ahar/Tur	Apr-03	Rabi	4113 Hectare	440 Tonnes	0.1666779									
79 Andhra Pradesh	ADILABAD	Ahar/Tur	Mar-02	Rabi	17 Hectare	2 Tonnes	0.1179471									
80 Andhra Pradesh	ADILABAD	Ahar/Tur	Apr-03	Rabi	8476 Hectare	626 Tonnes	0.0752054									
81 Andhra Pradesh	ADILABAD	Ahar/Tur	Feb-01	Rabi	10 Hectare	1 Tonnes	0.1									
82 Andhra Pradesh	ADILABAD	Ahar/Tur	Feb-01	Rabi/F	1300 Hectare	762 Tonnes	0.5828877									
83 Andhra Pradesh	ADILABAD	Ahar/Tur	Mar-02	Rabi	763 Hectare	267 Tonnes	0.3499345									
84 Andhra Pradesh	ADILABAD	Ahar/Tur	Apr-03	Rabi	1224 Hectare	529 Tonnes	0.4230768									
85 Andhra Pradesh	ADILABAD	Ahar/Tur	Feb-01	Rabi/F	39230 Hectare	29673 Tonnes	0.762006									
86 Andhra Pradesh	ADILABAD	Ahar/Tur	Feb-01	Rabi	770 Hectare	567 Tonnes	0.7623377									
87 Andhra Pradesh	ADILABAD	Ahar/Tur	Mar-02	Rabi/F	27456 Hectare	11250 Tonnes	0.5150043									
88 Andhra Pradesh	ADILABAD	Ahar/Tur	Mar-02	Rabi	1214 Hectare	677 Tonnes	0.5152237									
89 Andhra Pradesh	ADILABAD	Ahar/Tur	Apr-03	Rabi/F	34020 Hectare	17738 Tonnes	0.5219671									
90 Andhra Pradesh	ADILABAD	Ahar/Tur	Apr-03	Rabi	762 Hectare	386 Tonnes	0.5223087					</				

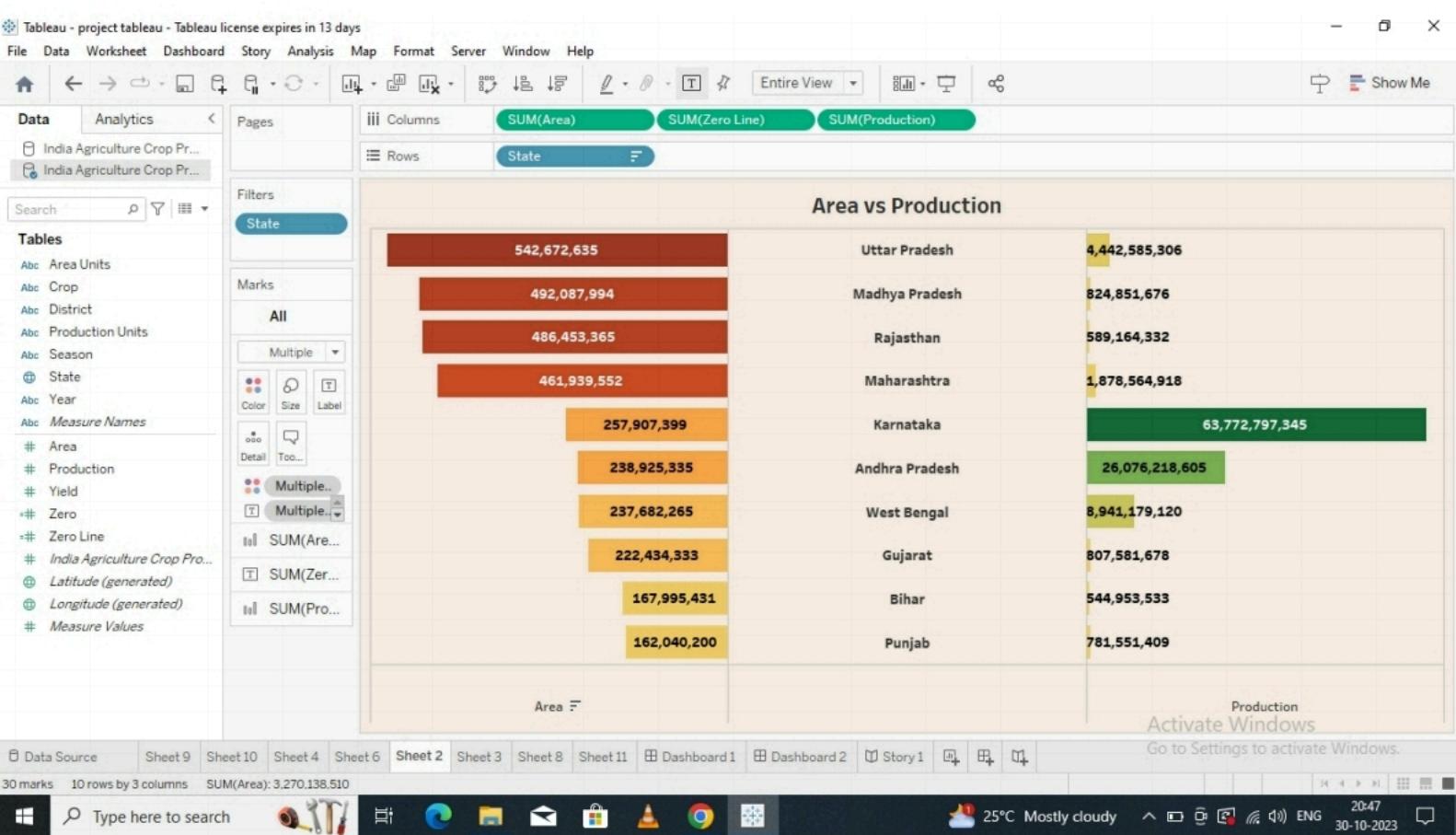


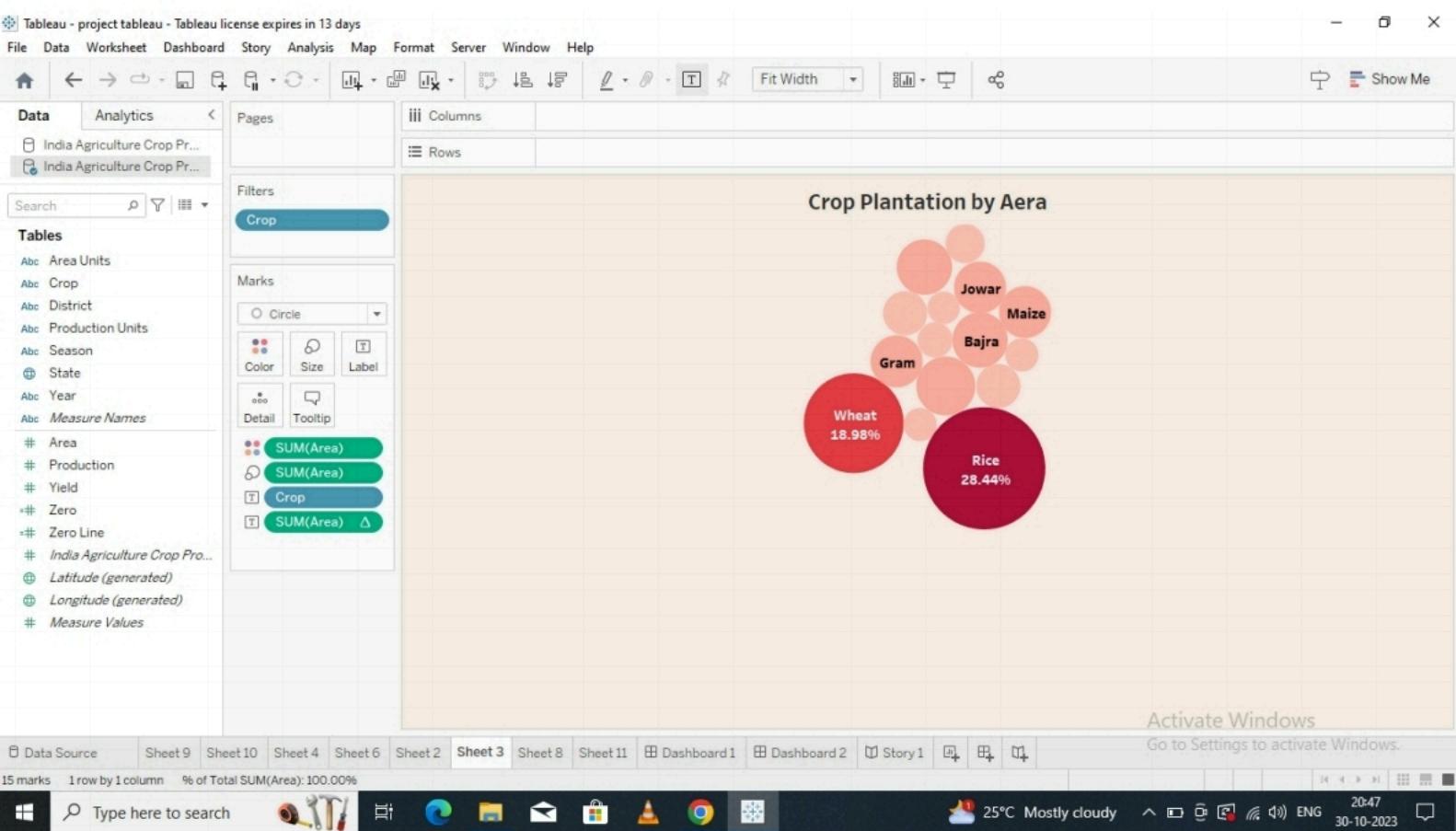




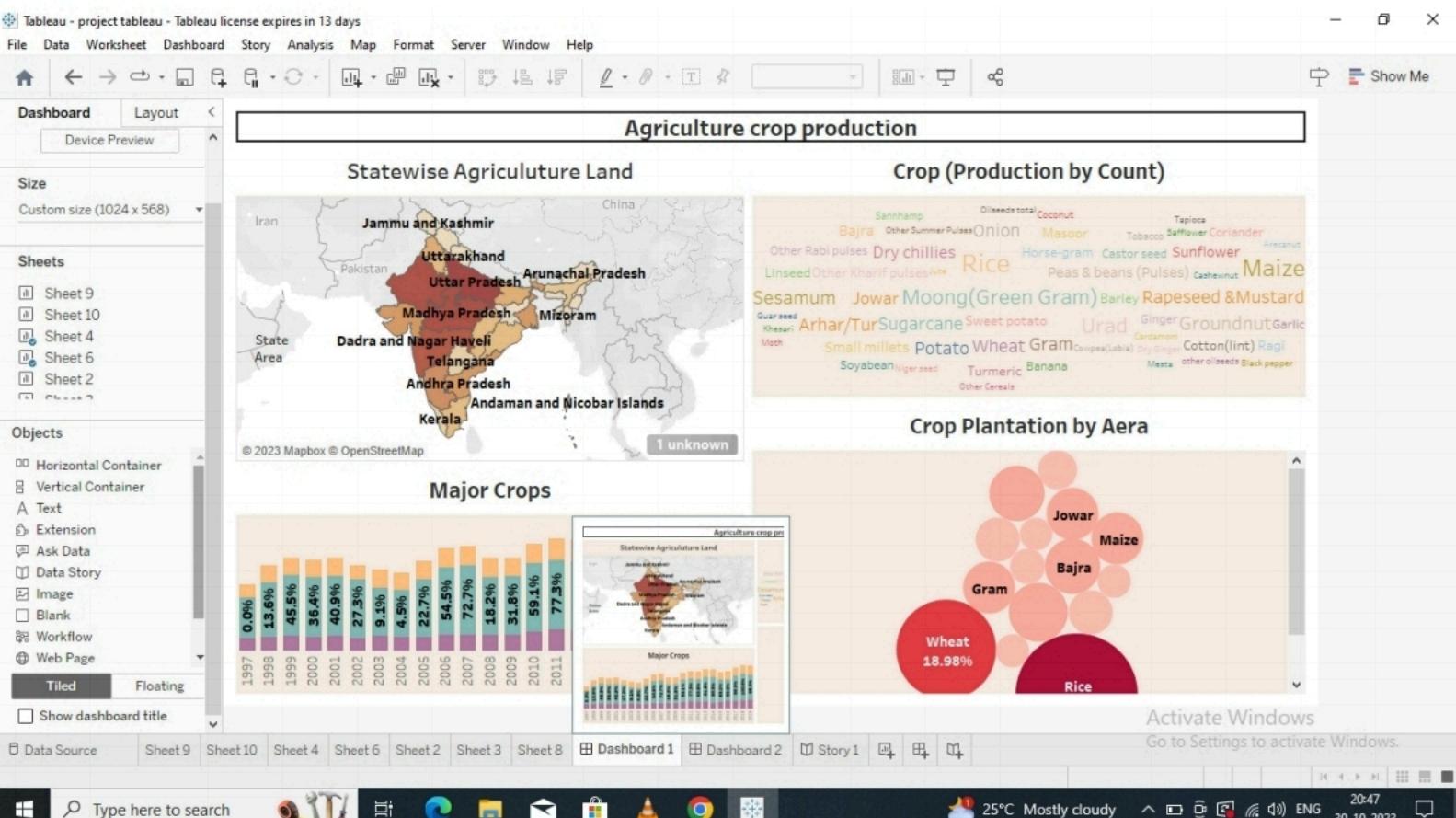


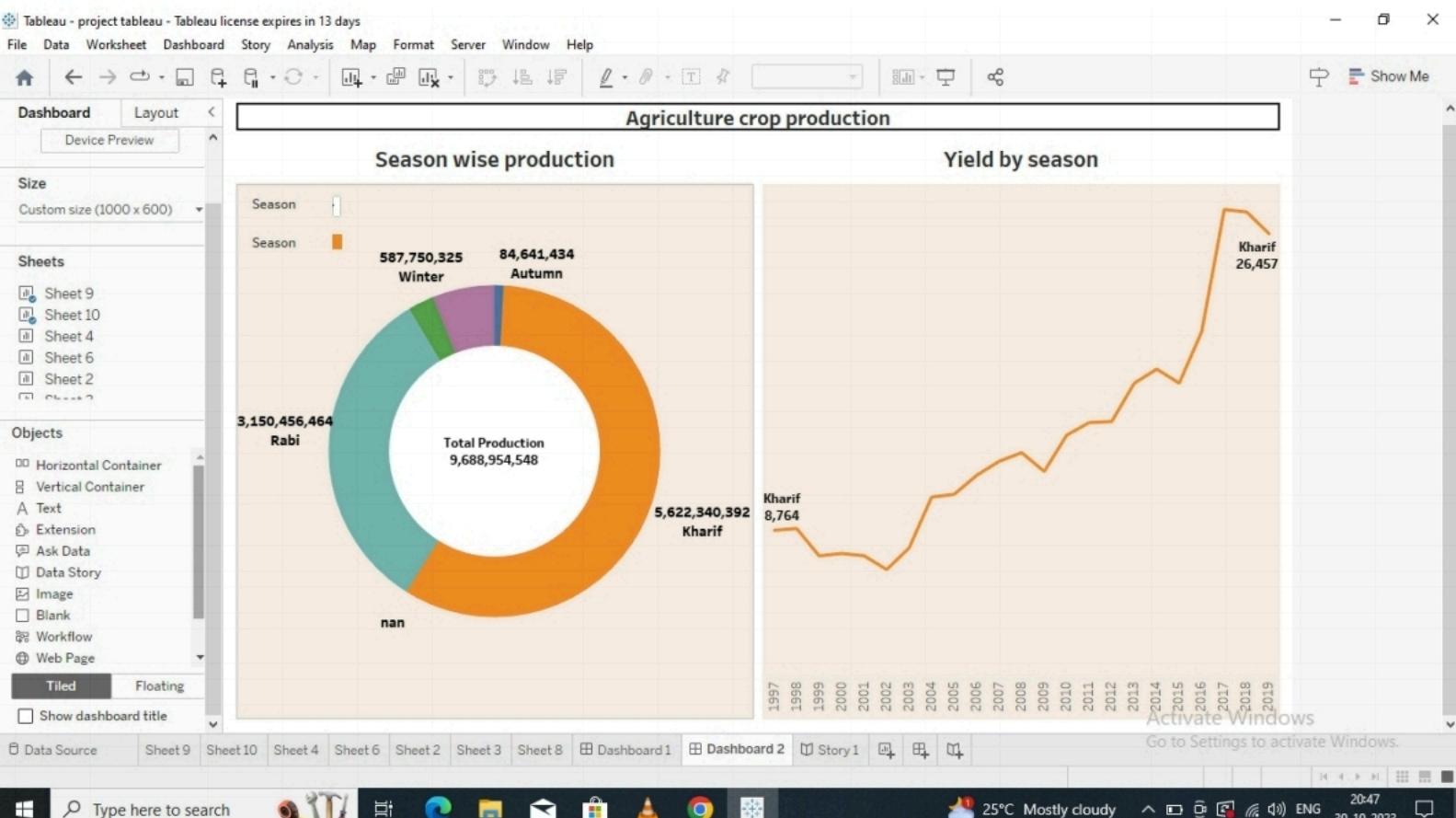






DASHBOARD





STORIES

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Story Layout < Insights into india's agricultural cultivation >

New story point

Blank Duplicate

Sheet 9
Sheet 10
Sheet 4
Sheet 6
Sheet 2
Sheet 3
Sheet 8
Dashboard 1
Dashboard 2

A Drag to add text

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Size

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Data Source Sheet 9 Sheet 10 Sheet 4 Sheet 6 Sheet 2 Sheet 3 Sheet 8 Dashboard 1 Dashboard 2 Story 1 + + +

Type here to search 25°C Mostly cloudy 20:48 ENG 30-10-2023

A bubble chart titled "Insights into india's agricultural cultivation" showing the percentage of various crops planted. The chart has a light orange background with a grid. The bubbles are colored in shades of red and pink, with their sizes proportional to their planting percentages. The data points are:

Crop	Percentage
Rice	28.44%
Wheat	18.98%
Jowar	~10%
Gram	~8%
Bajra	~5%
Maize	~4%

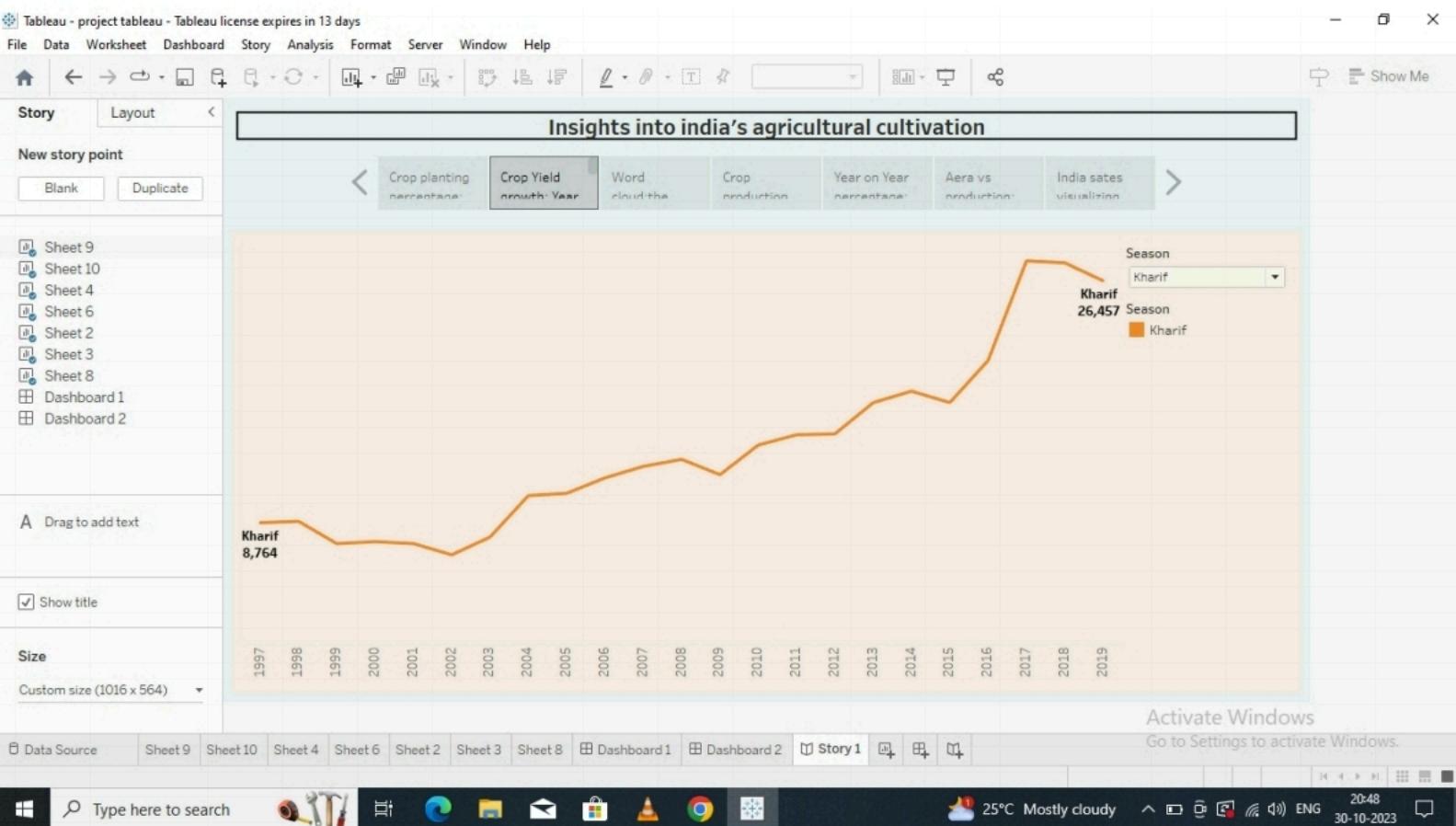


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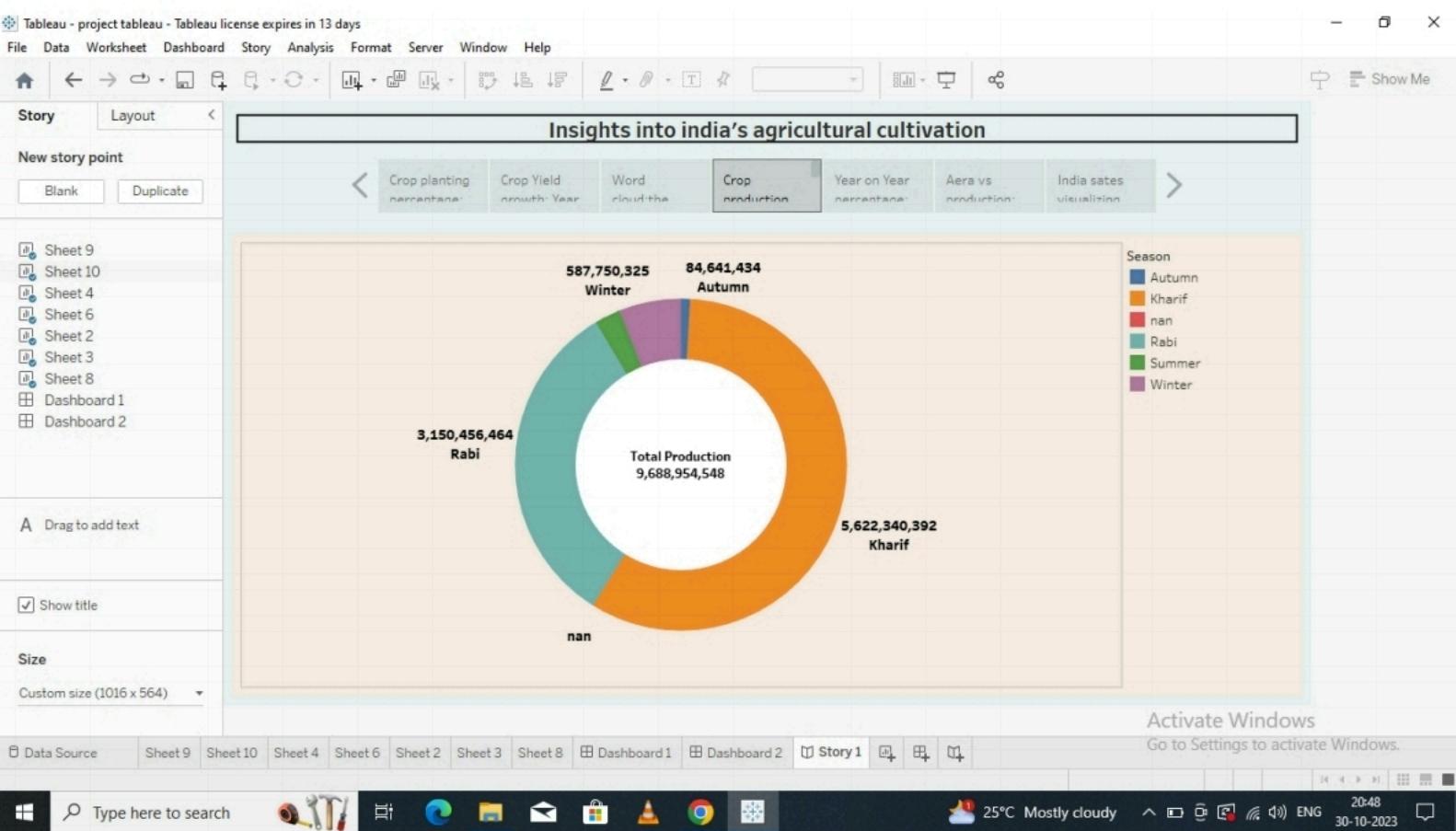
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Cashewnut
Dry Sago
Moth Arhar/Tur Sugarcane Sweet potato Potato Ragi Groundnut Khesari

Tobacco Mesta
Coconut Gram Black pepper Sunflower Castor seed Oilseeds total Safflower Cowpea(Lobia)
Small millets Dry chillies Horse-gram Turmeric Coriander Sannhamp
Linseed Other Kharif pulses Jute Rice Ginger Peas & beans (Pulses) Urad Maize
Sesamum Jowar Moong(Green Gram) Barley Rapeseed & Mustard
Garlic Other Rabi pulses Cotton(lint) Onion Bajra other oilseeds Guar seed
Soyabean Banana Masoor Niger seed Tapioca Other Cereals
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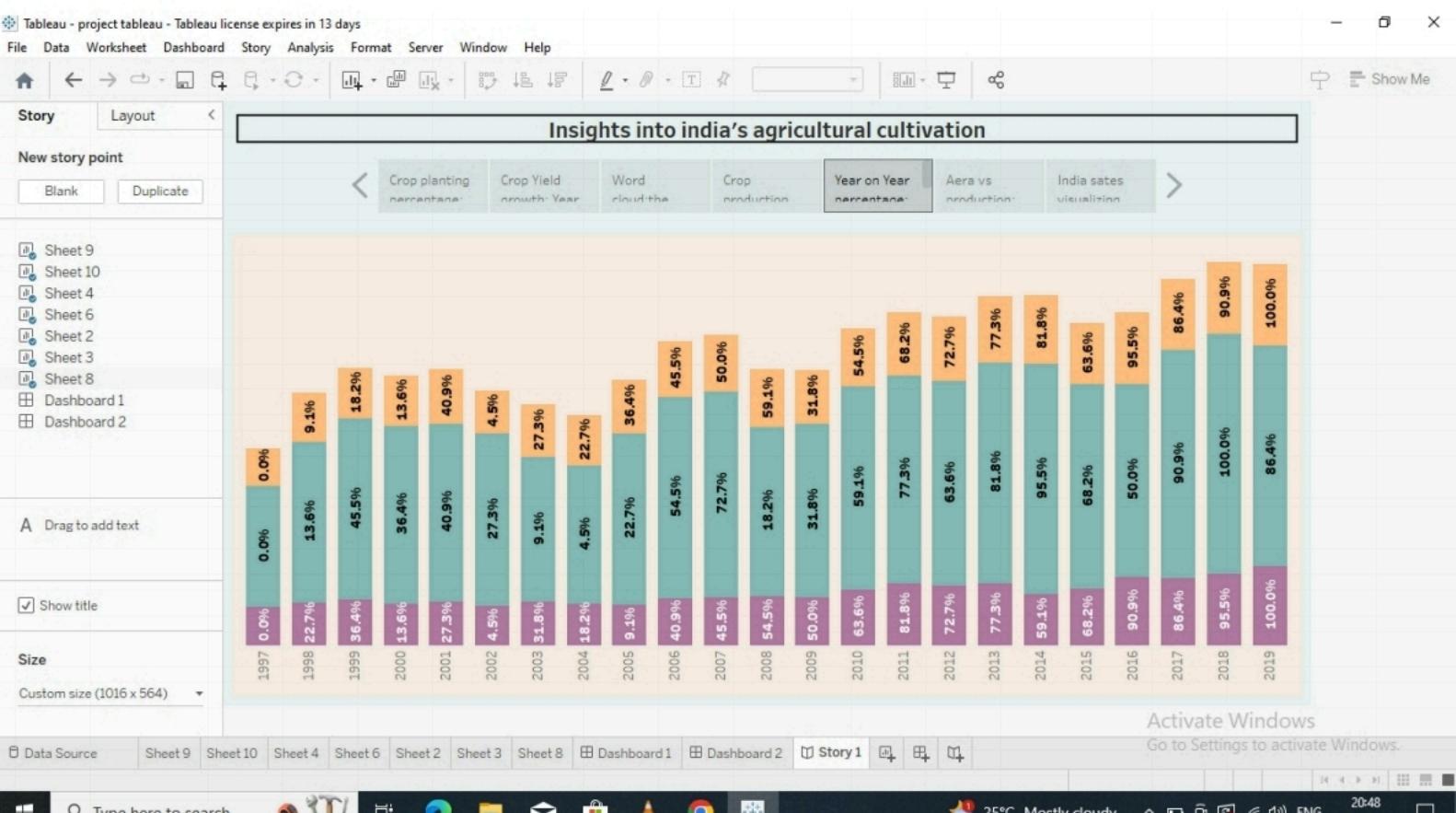


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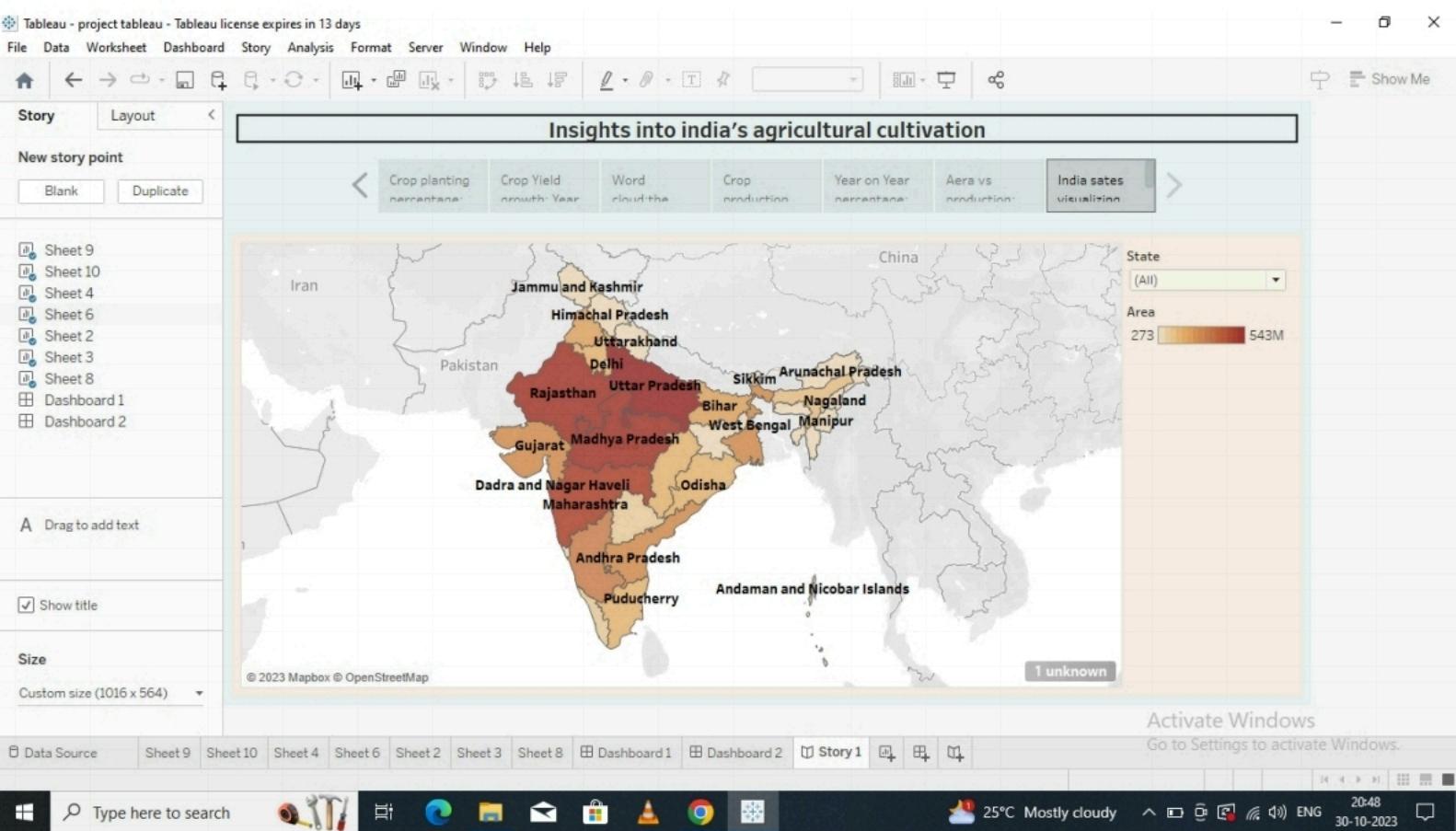
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Area Production

State	Crop planting percentage	Crop Yield growth Year	Ward	Crop production	Year on Year percentage	Aera vs production	India sates visualization
Uttar Pradesh	542,672,635					4,442,585,306	
Madhya Pradesh	492,087,994					824,851,676	
Rajasthan	486,453,365					589,164,332	
Maharashtra	461,939,552					1,878,564,918	
Karnataka	257,907,399					63,772,797,345	
Andhra Pradesh	238,925,335					26,076,218,605	
West Bengal	237,682,265					8,941,179,120	
Gujarat	222,434,333					807,581,678	
Bihar	167,995,431					544,953,533	
Punjab	162,040,200					781,551,409	

Data Source Sheet 9 Sheet 10 Sheet 4 Sheet 6 Sheet 2 Sheet 3 Sheet 8 Dashboard 1 Dashboard 2 Story 1 + + +

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Thank you

