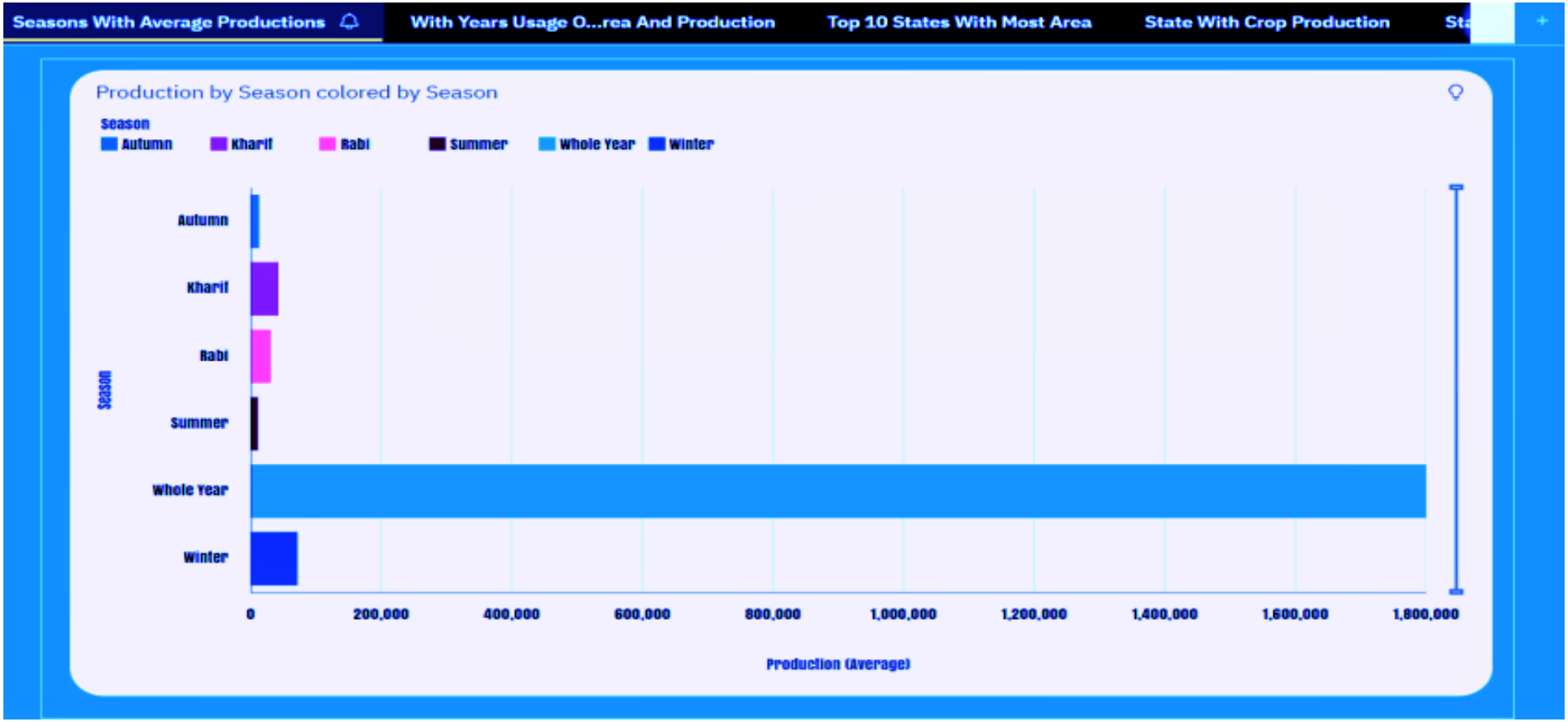
PROJECT DEVELOPMENT PHASE

PROJECT DEVELOPMENT - DELIVERY OF SPRINT-3

Date	12 November 2022
Team ID	PNT2022TMID38310
Project Name	Estimate the Crop Yield using Data Analytics



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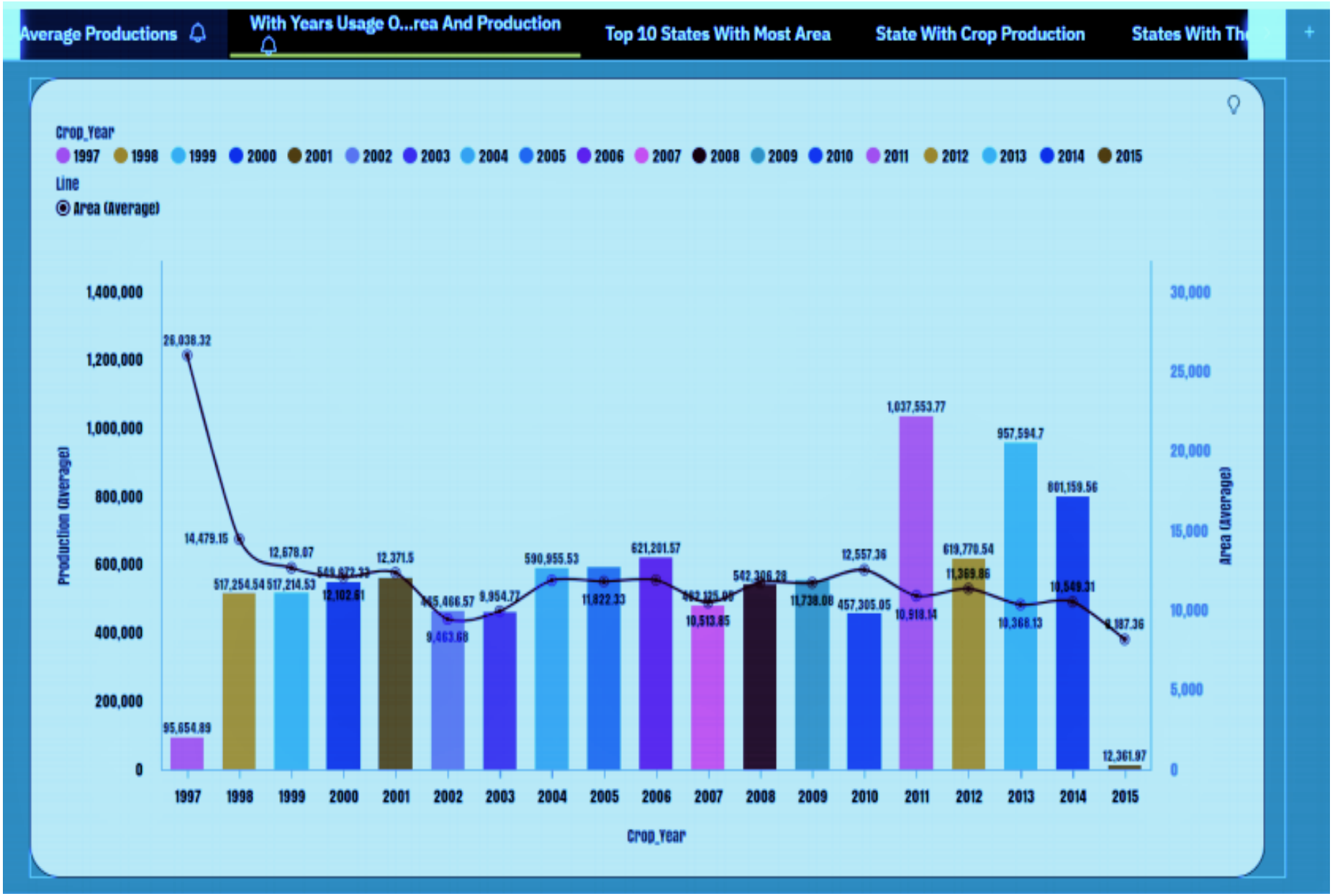
Average Productions
With Years Usage O...rea And Production
Top 10 States With Most Area
State With Crop Production
States With Th
Crop_Year
1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015
Line
Area (Average)
Production (Average)
Area (Average)
Crop_Year
1,400,000
1,200,000
1,000,000
800,000
600,000
400,000
200,000
0
30,000
25,000
20,000
15,000
10,000
5,000
0
26,038.32
14,479.15
12,678.07
12,371.5
95,654.89
517,254.54
517,214.53
12,102.61
9,463.68
9,954.77
590,955.53
11,822.33
621,201.57
10,513.85
11,738.08
457,305.05
1,037,553.77
10,918.14
619,770.54
11,369.86
957,594.7
10,368.13
801,159.56
10,549.31
12,361.97

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With Years Usage O...rea And Production
With Years Usage O...a And Production-1
Top 10 States With Most Area
State With Crop Prod
Area by Crop_Year colored by Crop_Year
Crop_Year
1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015
Area (average)
25,000
20,000
15,000
10,000
5,000
0
Average: 12,003
Crop_Year

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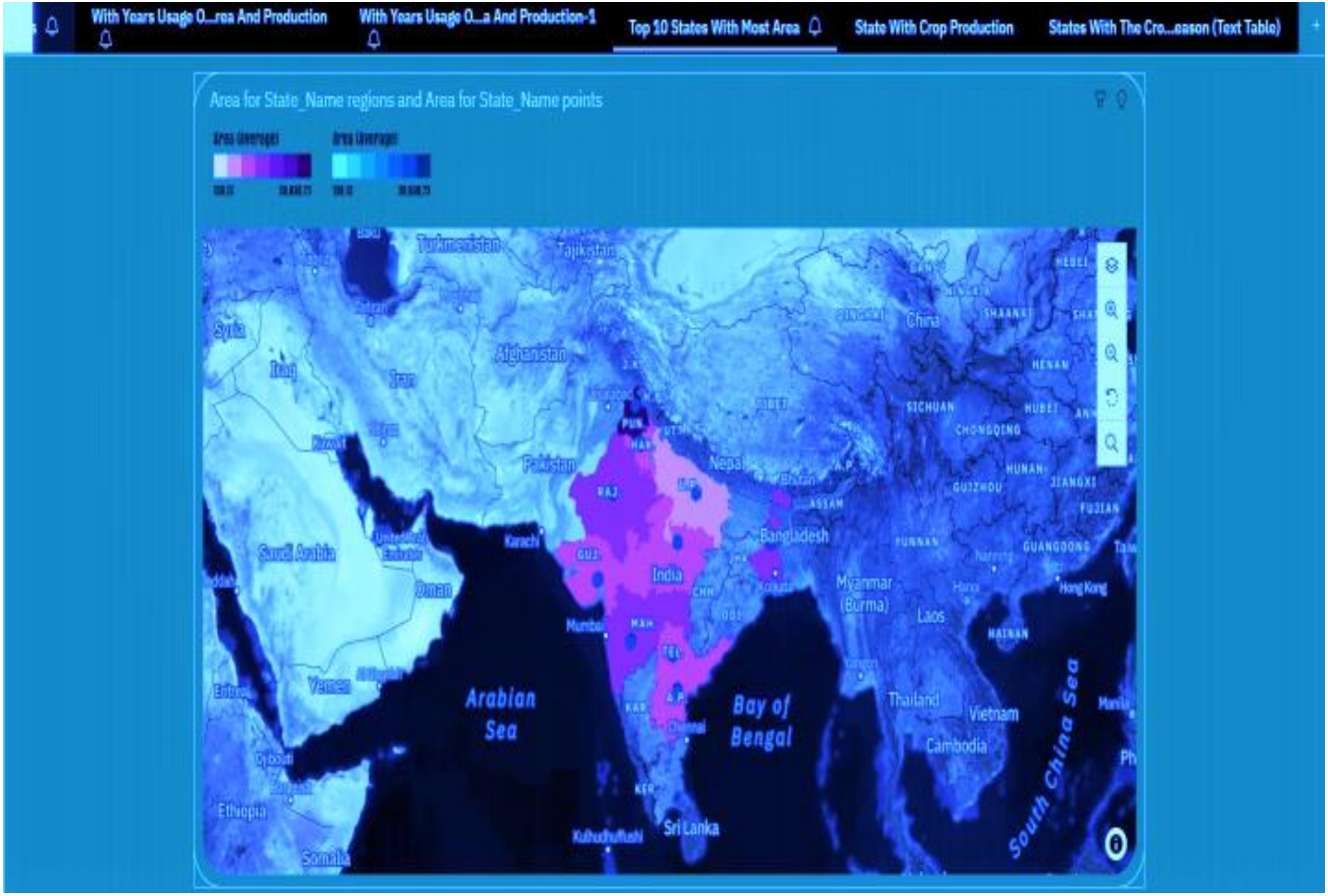
With Years Usage O...rea And Production
With Years Usage O...a And Production-1
Top 10 States With Most Area
State With Crop Production
States With The Cro...eason (Text Table)
Area for State_Name regions and Area for State_Name points
Turkmenistan
Tajikistan
Syria
Iraq
Iran
Afghanistan
Pakistan
Nepal
China
Bangladesh
India
Saudi Arabia
Oman
Yemen
Ethiopia
Somalia
Arabian Sea
Bay of Bengal
Sri Lanka
Myanmar (Burma)
Laos
Thailand
Vietnam
Cambodia
South China Sea
Hong Kong

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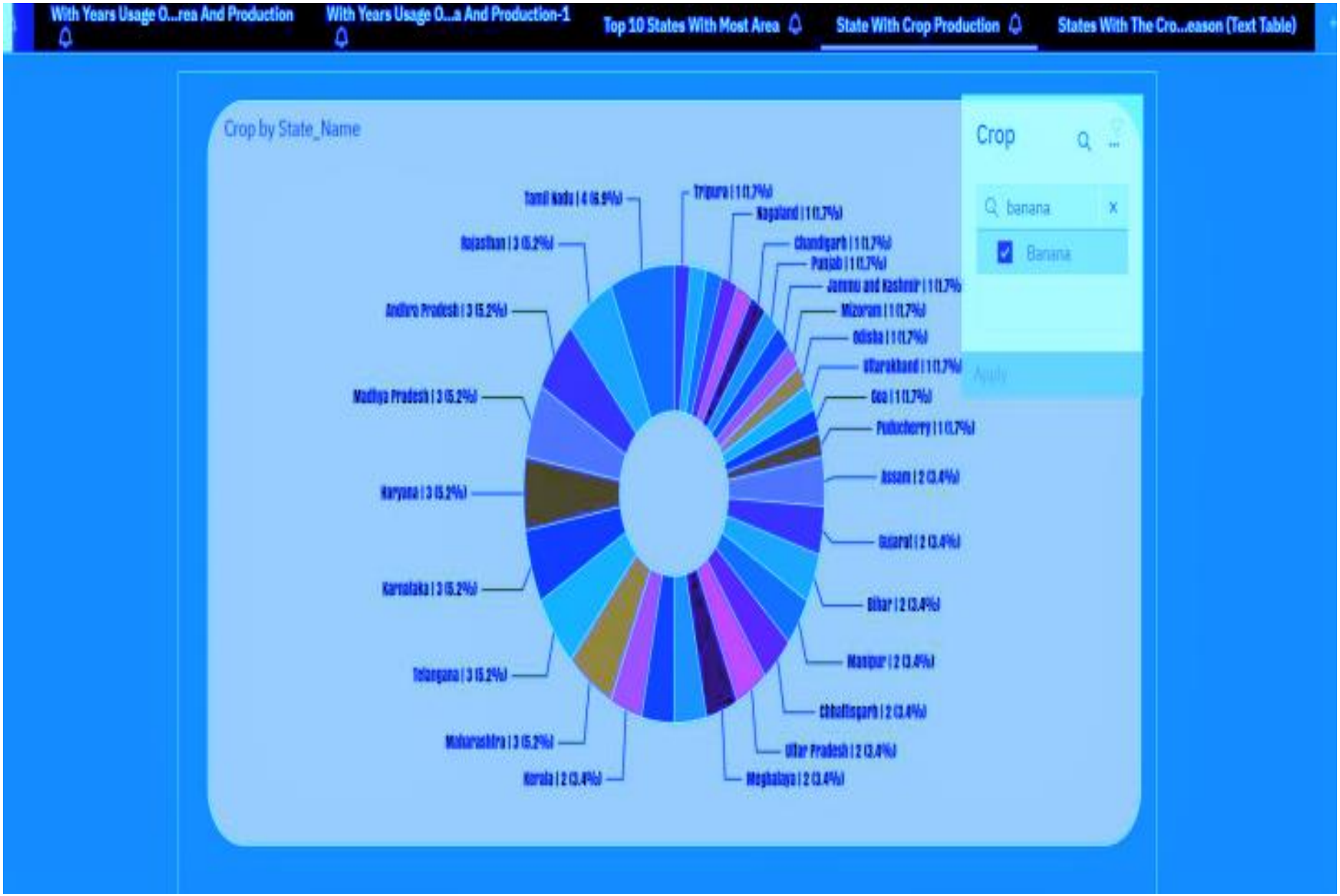
With Years Usage O...rea And Production
With Years Usage O...a And Production-1
Top 10 States With Most Area
State With Crop Production
States With The Cro...eason (Text Table)
Crop by State_Name
Crop
banana
Banana
Tripura | 1 (1.7%)
Nagaland | 1 (1.7%)
Chandigarh | 1 (1.7%)
Punjab | 1 (1.7%)
Jammu and Kashmir | 1 (1.7%)
Mizoram | 1 (1.7%)
Odisha | 1 (1.7%)
Uttarakhand | 1 (1.7%)
Goa | 1 (1.7%)
Puducherry | 1 (1.7%)
Assam | 2 (3.4%)
Gujarat | 2 (3.4%)
Bihar | 2 (3.4%)
Manipur | 2 (3.4%)
Chhattisgarh | 2 (3.4%)
Uttar Pradesh | 2 (3.4%)
Meghalaya | 2 (3.4%)
Kerala | 2 (3.4%)
Maharashtra | 3 (5.2%)
Telangana | 3 (5.2%)
Karnataka | 3 (5.2%)
Haryana | 3 (5.2%)
Madhya Pradesh | 3 (5.2%)
Andhra Pradesh | 3 (5.2%)
Rajasthan | 3 (5.2%)
Tamil Nadu | 4 (6.9%)

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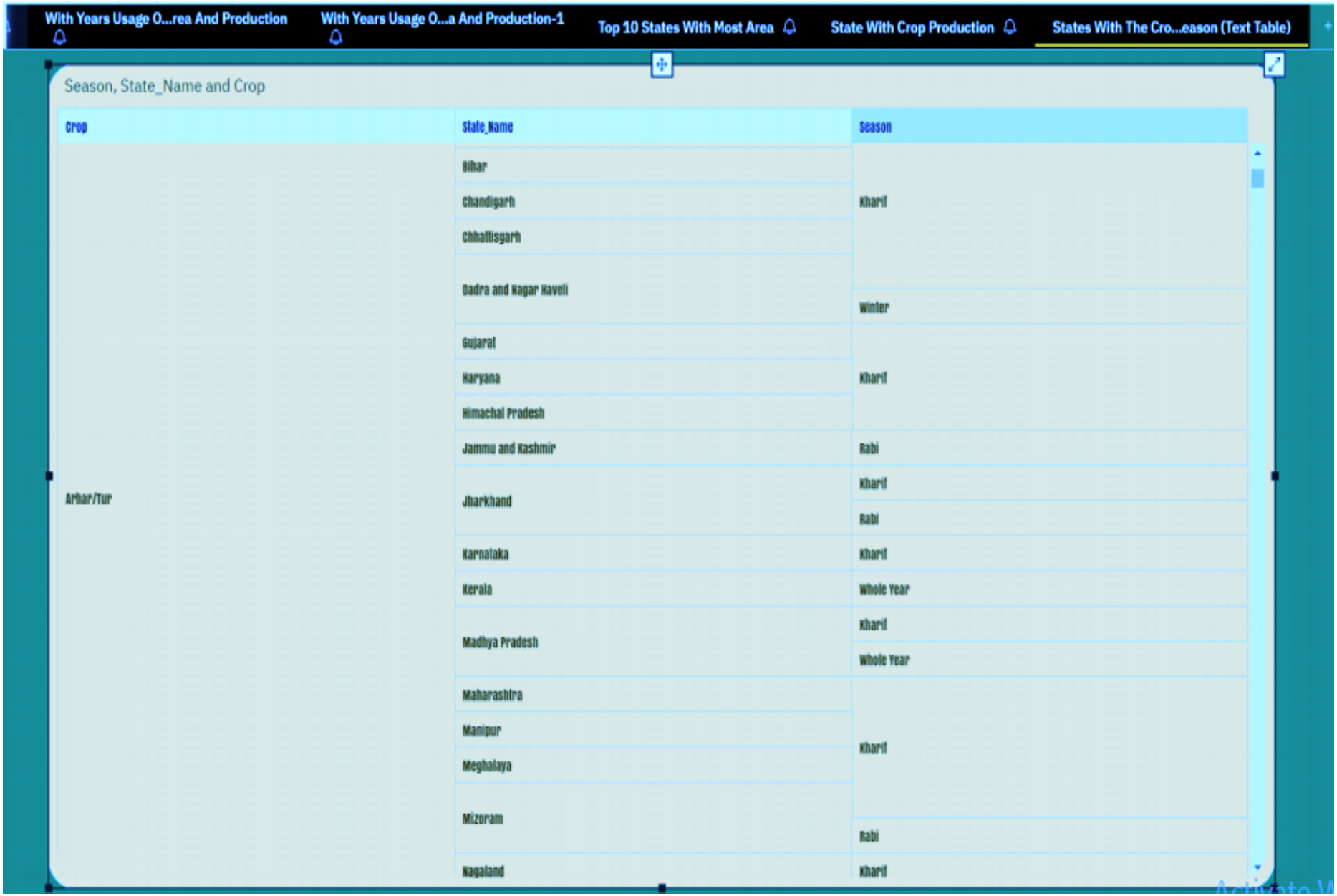

Crop	State_Name	Season
Arhar/Tur	Bihar	Kharif
	Chandigarh	
	Chhattisgarh	
	Dadra and Nagar Haveli	
		Winter
	Gujarat	Kharif
	Haryana	
	Himachal Pradesh	
	Jammu and Kashmir	Rabi
	Jharkhand	Kharif
		Rabi
	Karnataka	Kharif
	Kerala	Whole Year
	Madhya Pradesh	Kharif
		Whole Year
	Maharashtra	Kharif
	Manipur	
	Meghalaya	
	Mizoram	
		Rabi
	Nagaland	Kharif

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With Years Usage O...rea And Production
With Years Usage O...a And Production-1
Top 10 States With Most Area
State With Crop Production
States With The Cro...eason (Text Table)
Season, State_Name and Crop
Crop
State_Name
Season
Arhar/Tur
Odisha
Kharif
Rabi
Summer
Winter
Punjab
Rajasthan
Kharif
Tamil Nadu
Whole Year
Telangana
Kharif
Rabi
Tripura
Uttar Pradesh
Uttarakhand
Kharif
West Bengal
Rabi
Whole Year
Ash Gourd
Tamil Nadu
Whole Year
Arecanut (Raw)
Karnataka
Whole Year
Kharif
Rabi
Bajra | Andhra Pradesh

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Crop	State_Name	Season
Bajra	Telangana	Kharif
		Rabi
	Uttar Pradesh	Kharif
	Uttarakhand	
	West Bengal	
Banana	Andaman and Nicobar Islands	Whole Year
	Andhra Pradesh	
	Assam	Rabi
		Whole Year
	Bihar	
	Chhattisgarh	
	Dadra and Nagar Haveli	Kharif
		Rabi
		Winter
	Goa	Whole Year
	Gujarat	
	Haryana	
	Karnataka	
	Kerala	
	Madhya Pradesh	
	Maharashtra	

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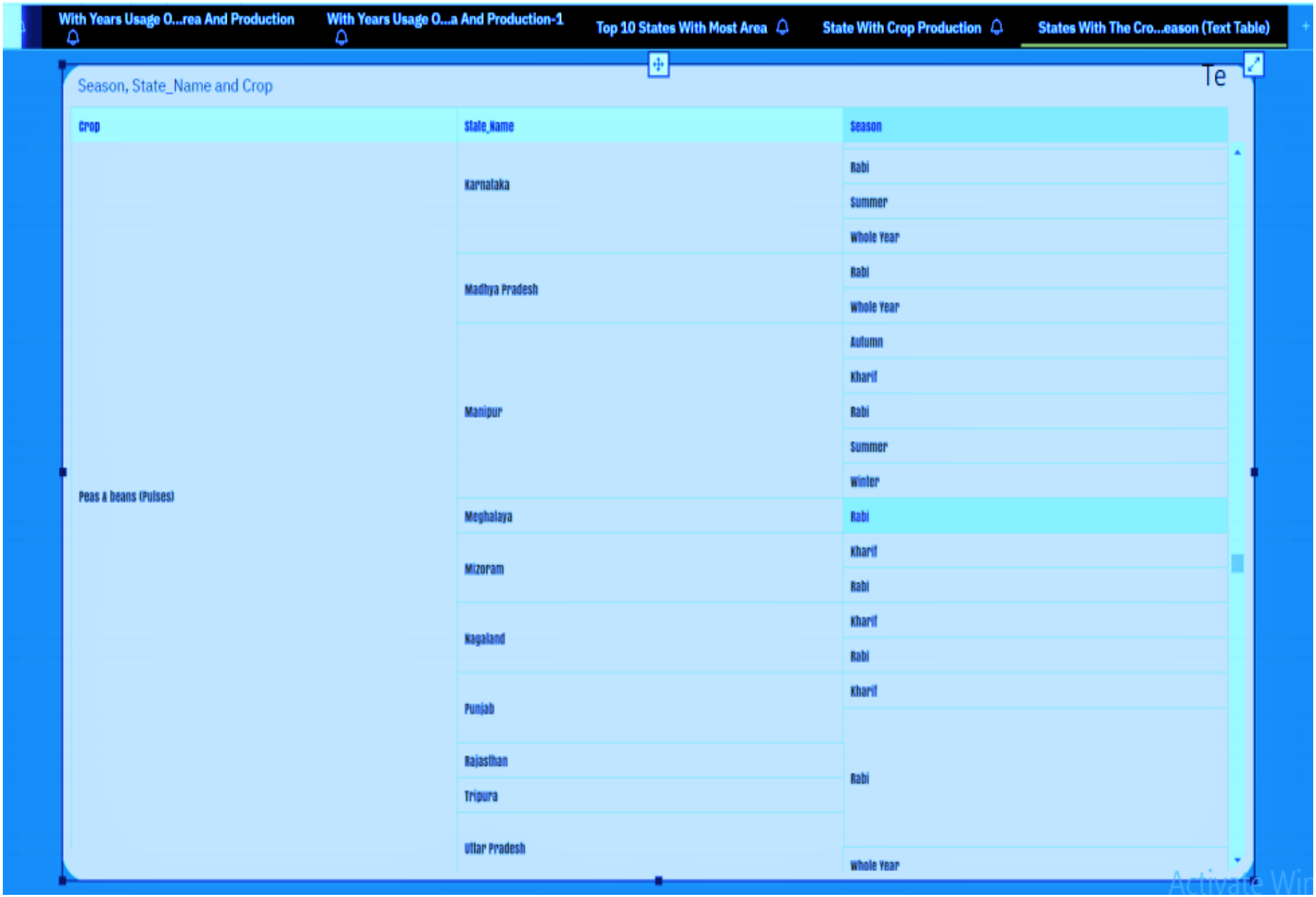
With Years Usage O...rea And Production
With Years Usage O...a And Production-1
Top 10 States With Most Area
State With Crop Production
States With The Cro...eason (Text Table)
Season, State_Name and Crop
Crop
State_Name
Season
Peas & beans (Pulses)
Karnataka
Rabi
Summer
Whole Year
Madhya Pradesh
Rabi
Whole Year
Manipur
Autumn
Kharif
Rabi
Summer
Winter
Meghalaya
Rabi
Mizoram
Kharif
Rabi
Nagaland
Kharif
Rabi
Punjab
Kharif
Rajasthan
Rabi
Tripura
Uttar Pradesh
Whole Year

SPRINT - 3

With Years Usage O...rea And Production | With Years Usage O...a And Production-1 | Top 10 States With Most Area | State With Crop Production | States With The Cro...eason (Text Table)

Season, State_Name and Crop

Crop	State_Name	Season
other oilseeds	Andaman and Nicobar Islands	Whole Year
	Andhra Pradesh	Kharif
		Rabi
	Gujarat	Kharif
		Whole Year
	Haryana	Kharif
		Rabi
	Jammu and Kashmir	Kharif
		Rabi
	Kerala	Whole Year
	Maharashtra	Kharif
	Mizoram	
	Rajasthan	Rabi
		Whole Year
	Sikkim	Kharif
		Whole Year
	Telangana	Kharif
		Rabi
	Tripura	Whole Year

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