Project Development Phase
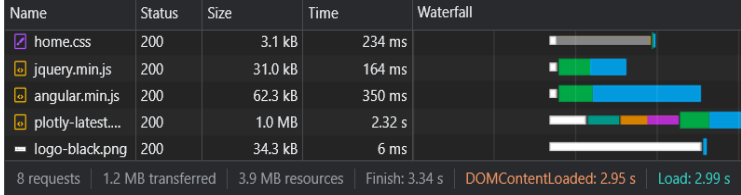## Model Performance Test

| Date	10 November 2022
Team ID	PNT2022TMID21513
Project Name	Estimate the crop yield using data analytics
Maximum Marks	10 Marks

Model Performance Testing:

Project team shall fill the following information in the model performance testing template.

S.No.	Parameter	Screenshot / Values
1.	Dashboard design	No of Visulizations / Graphs - 5
2.	Data Responsiveness	
3.	Amount Data to Rendered (DB2 Metrics)	
4.	Utilization of Data Filters	
5.	Effective User Story	No of Scene Added - USN-1
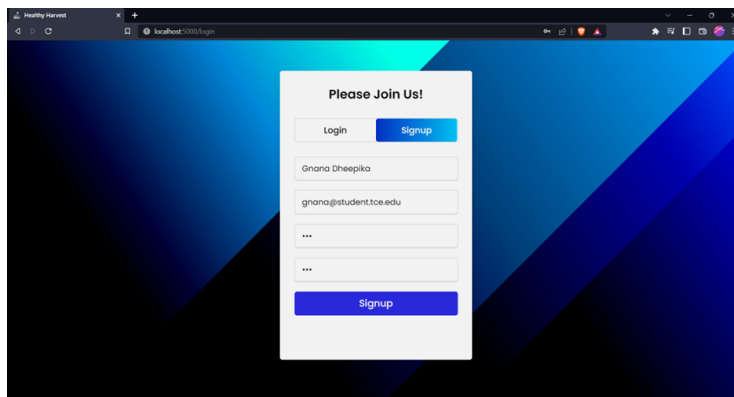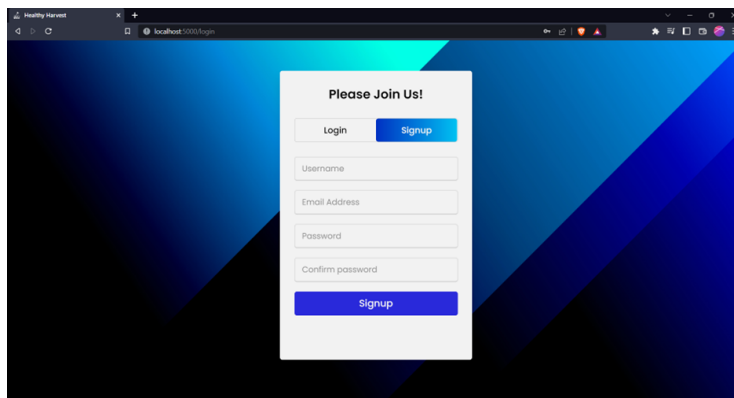
USN - 2
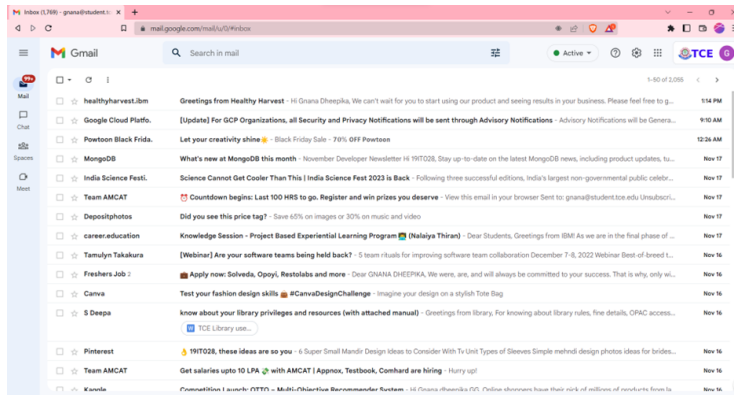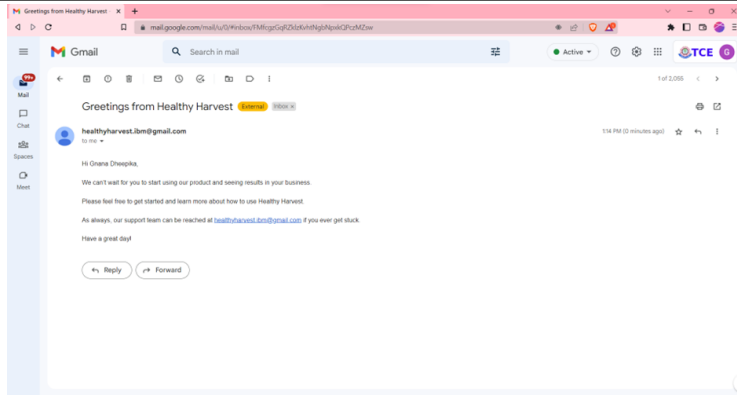
USN - 4
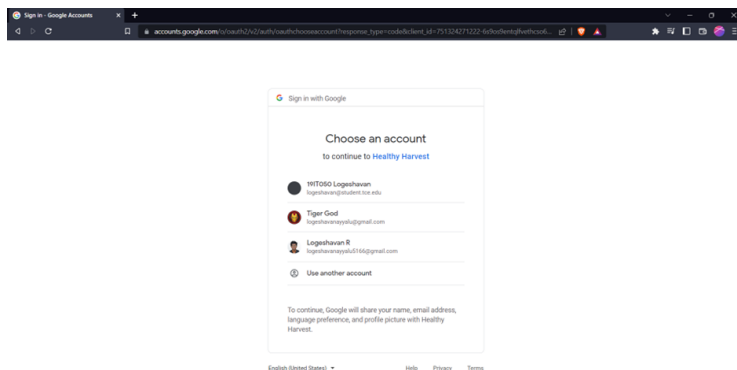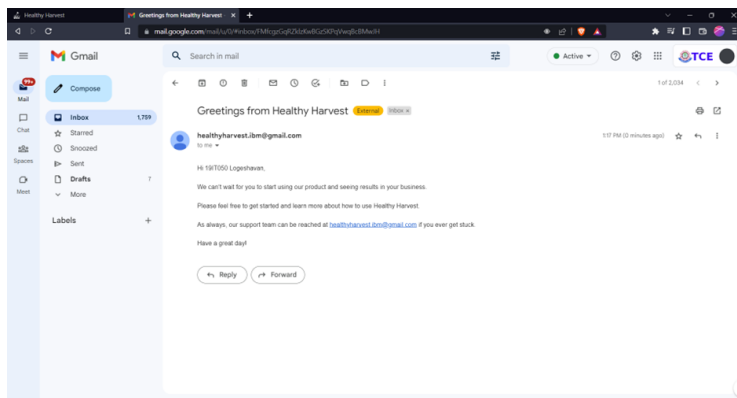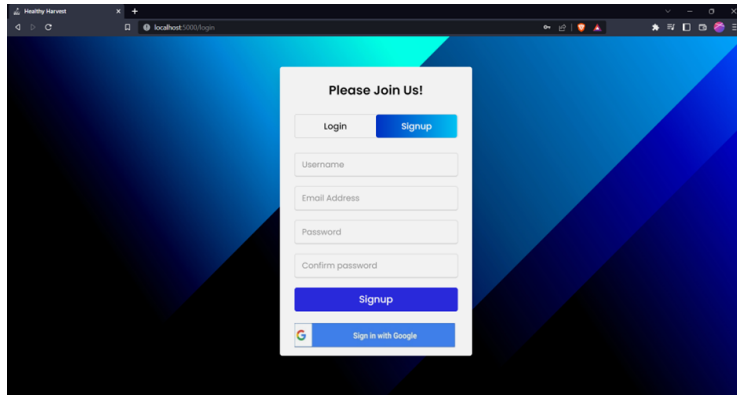
USN - 5
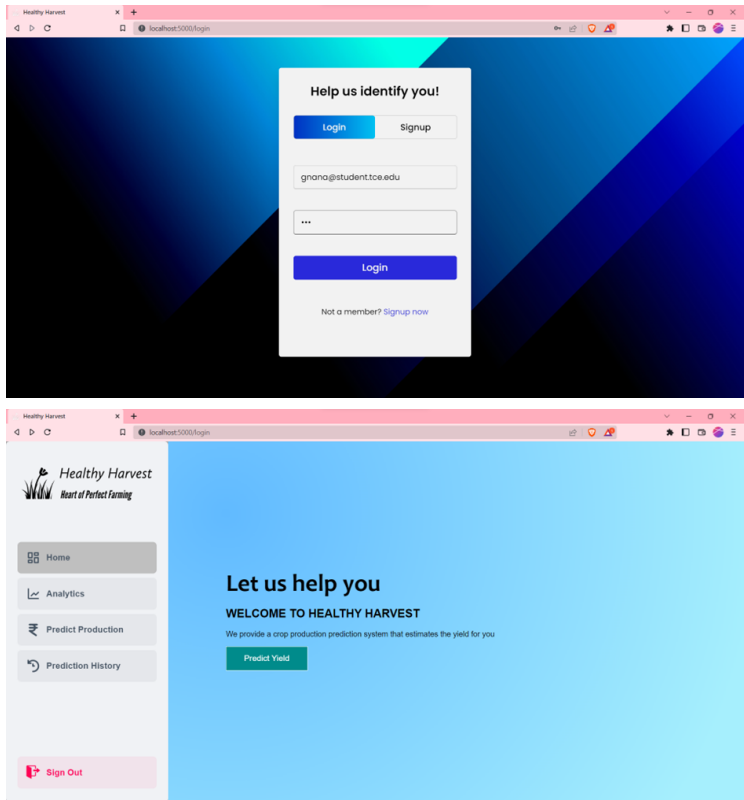
USN - 6
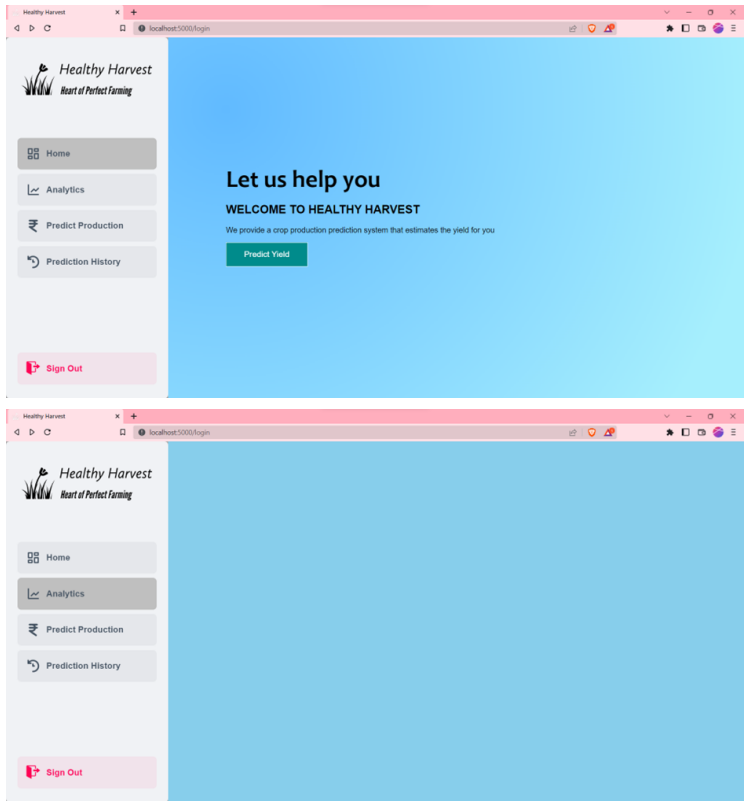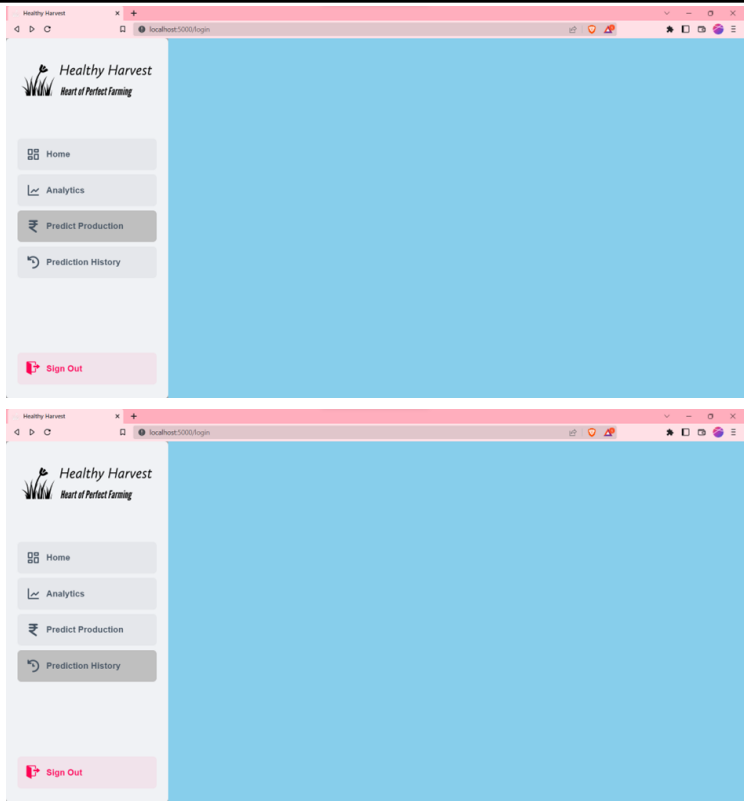
USN - 9

	Field	Type	Null	Key	Default	Extra
▶	id	int	NO	PRI	NULL	auto_increment
	username	varchar(50)	NO		NULL	
	password	varchar(255)	NO		NULL	
	email	varchar(100)	NO		NULL	

	id	username	password	email
▶	1	Gnana Dheepika	123	gnana@student.tce.edu
	2	19IT050 Logeshavan	113274633837860008166	logeshavan@student.tce.edu
*	NULL	NULL	NULL	NULL

USN-8
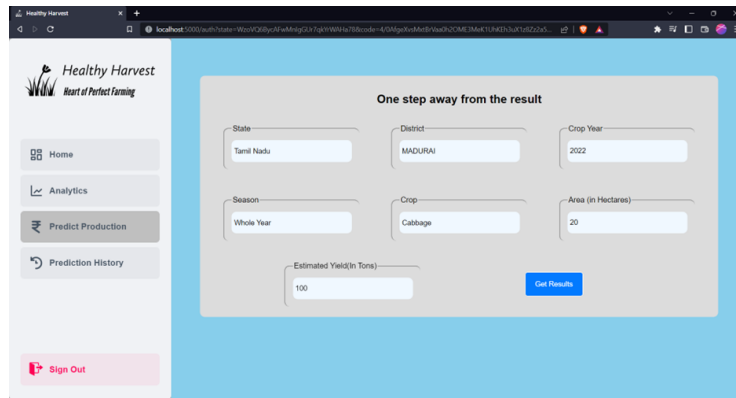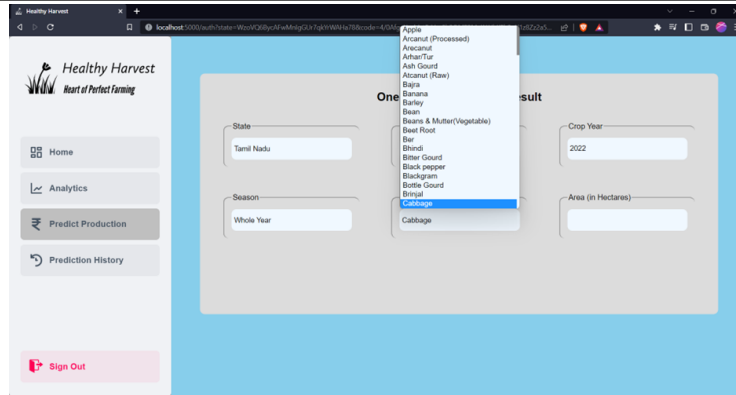
USN-11

All visualiztion graphs from cognos analytics
USN-7
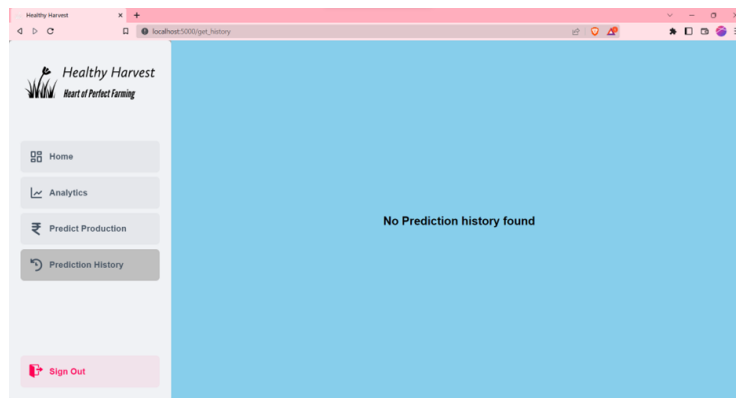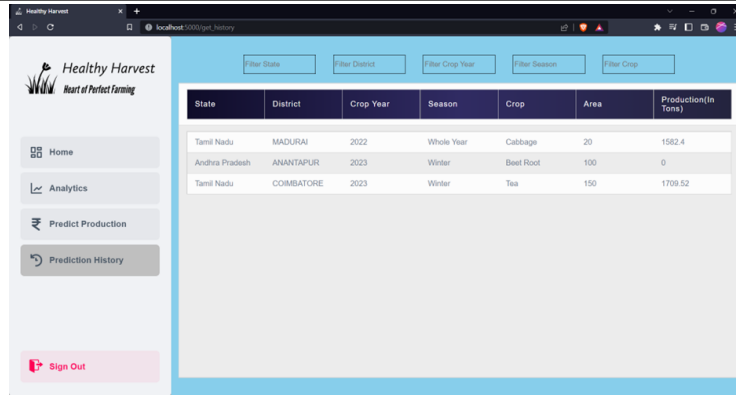
USN-10
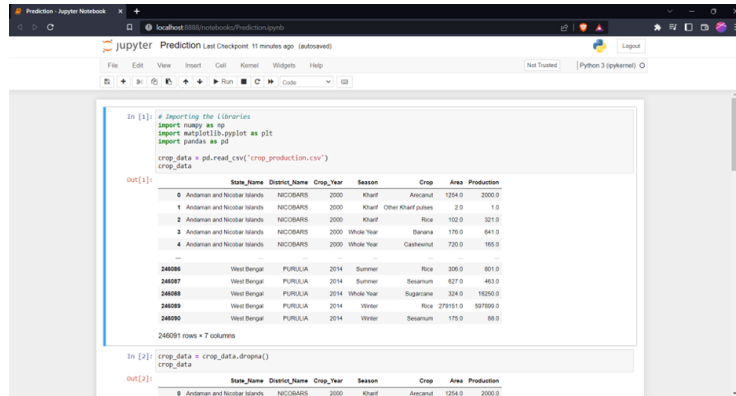
6.	Descriptive Reports	No of Visulizations / Graphs - 1. Seasons with Average productions 2. With years usage of area and production 3. Top 10 states with most area 4. State with crop production 5. States with the crop production along with season (text table)

Area by Crop_Year 1

1,997 1,998 1,999 2,000 2,001 2,002 2,003 2,004 2,005 2,006 2,007 2,008 2,009 2,010 2,011 2,012 2,013 2,014 2,015

Production by Crop_Year 2
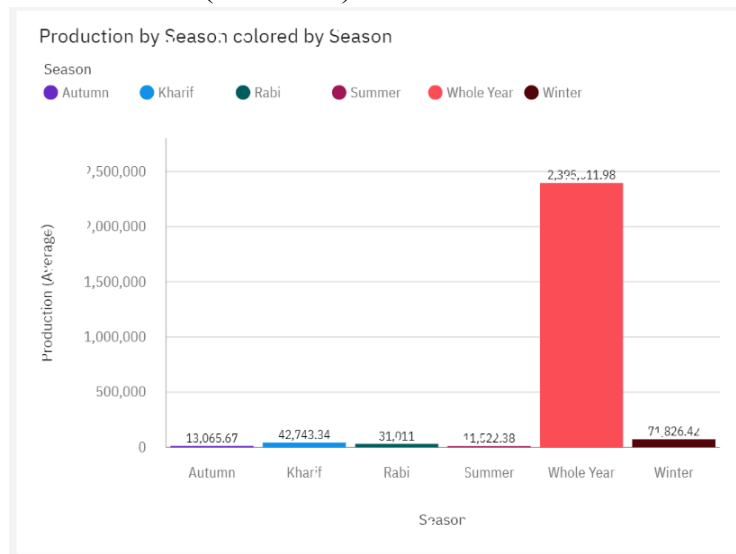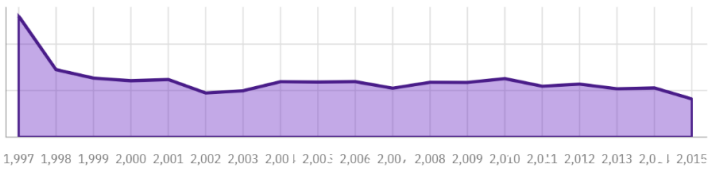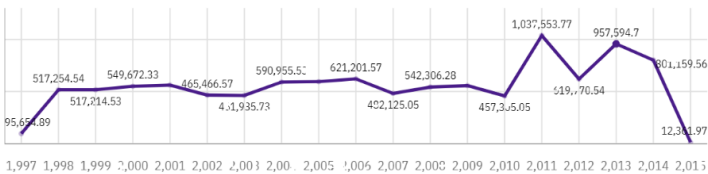

517,254.54 549,672.33 465,466.57 590,955.52 621,201.57 542,306.28 1,037,553.77 957,594.7 801,159.56

95,654.89 517,214.53 451,935.73 492,125.05 457,305.05 619,770.54 12,361.97

1,997 1,998 1,999 2,000 2,001 2,002 2,003 2,004 2,005 2,006 2,007 2,008 2,009 2,010 2,011 2,012 2,013 2,014 2,015

Area by State_Name colored by State_Name 1

State_Name
● Andhra Pradesh ● Gujarat ● Haryana ● Madhya Pradesh ● Maharashtra
● Punjab ● Rajasthan ● Telangana ● Uttar Pradesh ● West Bengal

Area (Average): 13,662.84 / 18,367 / 15,250.6 / 14,275.33 / 25,511.72 / 39,938.73 / 21,737.65 / 14,402.66 / 13,019.62 / 22,467.7

State_Name: Andhra Pradesh, Gujarat, Haryana, Madhya Pradesh, Maharashtra, Punjab, Rajasthan, Telangana, Uttar Pradesh, West B...
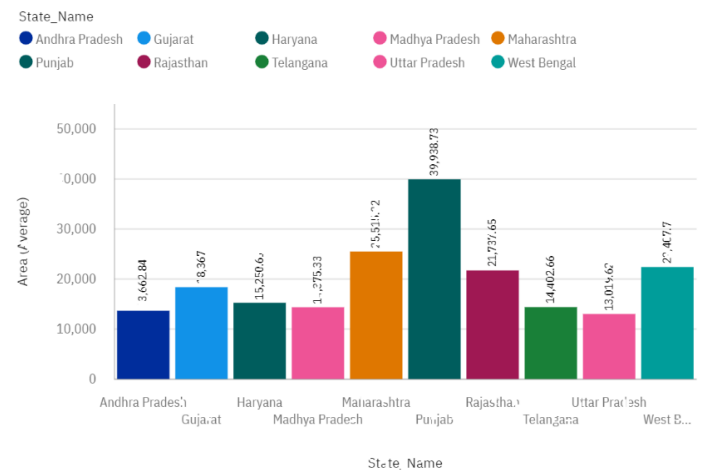
Crop 🔍 ...

🔍 Search

☐ Apple
☐ Arcanut (Processed)
☐ Arecanut
☐ Arhar/Tur
☐ Ash Gourd
☐ Atcanut (Raw)
☐ Bajra
☐ Banana
☐ Barley
☐ Bean

Apply

State_Name for State_Name regions

State_Name
● Arunachal Pradesh ● Assam
● Gujarat ● Himachal Pradesh
● Maharashtra ● Nagaland
● Telangana ● Tripura

© Mapbox © OpenStreetMap

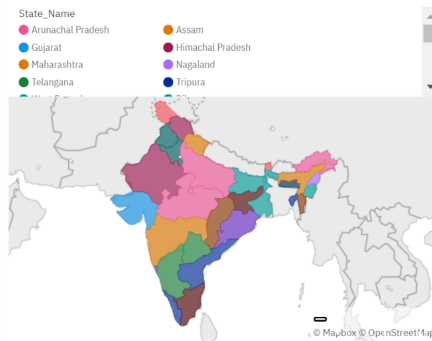| State_Name and Crop		1	Season and Crop		2
Crop	State_Name		Crop	Season	
Apple	Tamil Nadu		Apple	Whole Year	
Arcanut (Processed)	Karnataka		Arecanut	Whole Year	
Arecanut	Andaman and Nicobar I...		Arhar/Tur	Kharif	
	Andhra Pradesh			Whole Year	
	Assam		Ash Gourd	Whole Year	
	Goa		Bajra	Kharif	
	Karnataka			Rabi	
	Kerala			Whole Year	
	Meghalaya		Banana	Kharif	
	Puducherry			Whole Year	
	Tamil Nadu		Beans & Mutter(Vegetab...	Whole Year	