WIREFRAME DOCUMENTATION
CROP PRODUCTION DATA ANALYSIS

Revision Number: 1.0

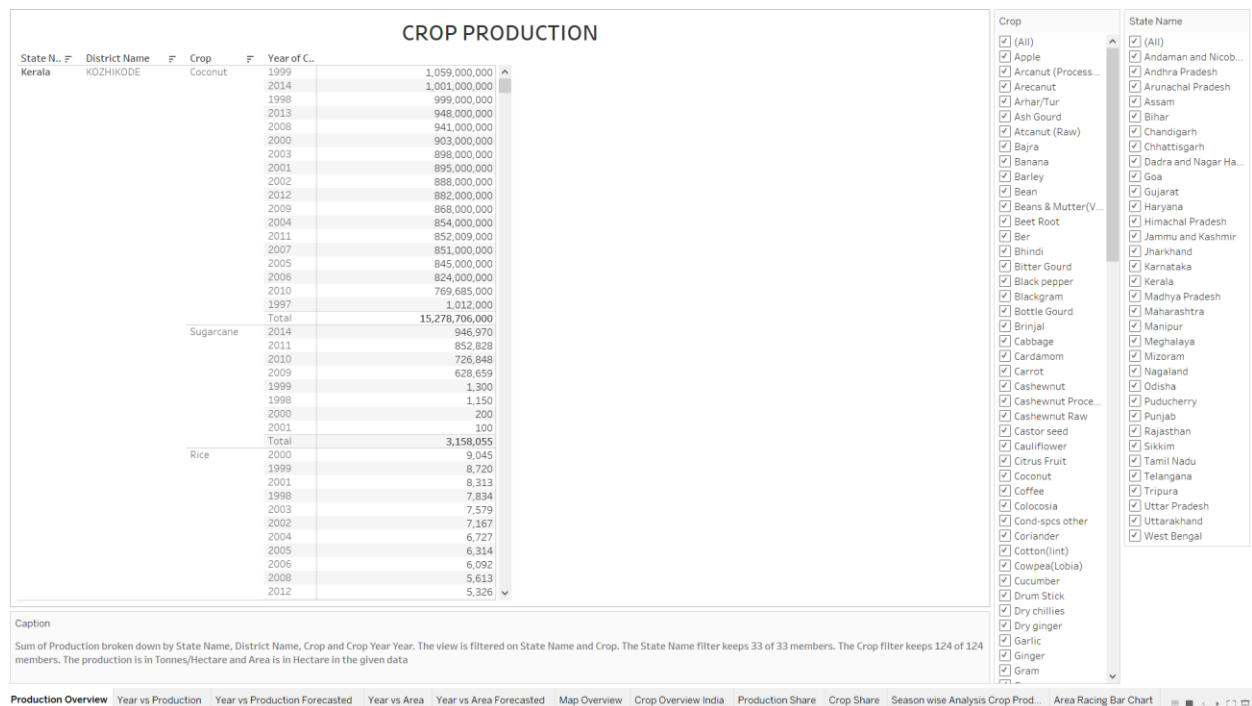Last date of Revision: 25/09/2021

Submitted by:

Dattatreya Thunuguntla

The published Tableau Workbook Document (.twbx file) has total of pages namely

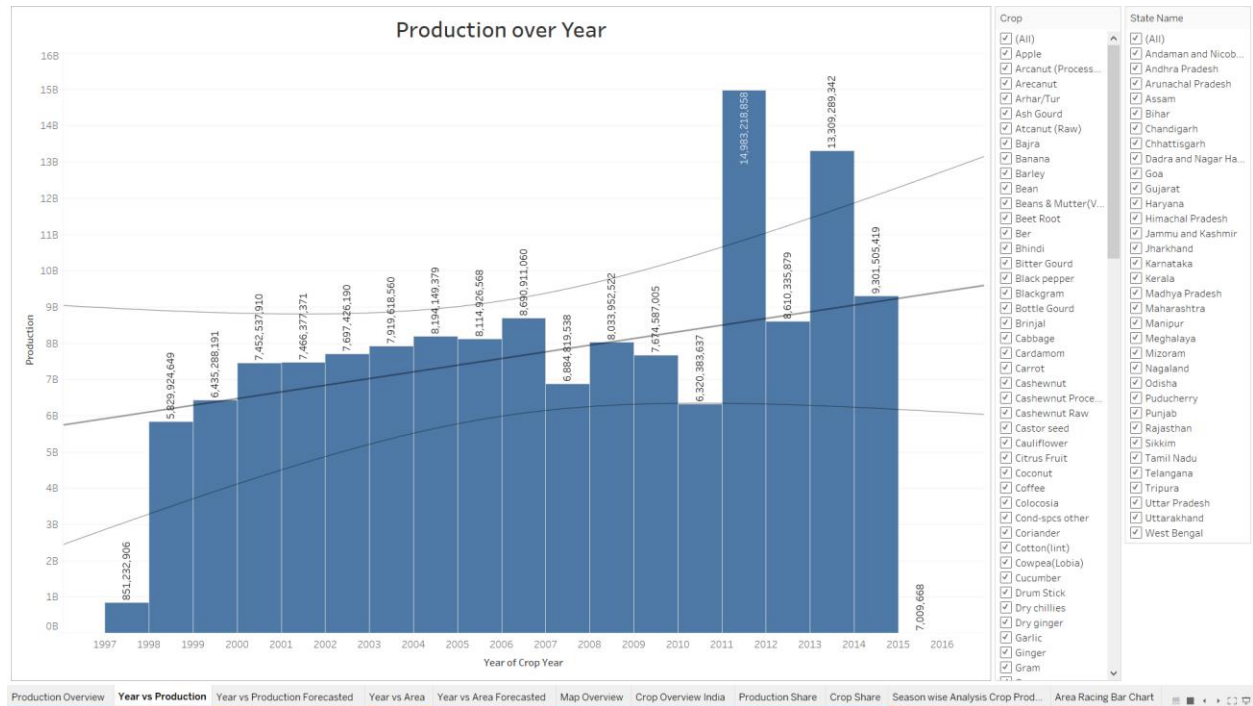1. Production Overview
2. Year vs Production
3. Year vs Production Forecasted
4. Year vs Area
5. Year vs Area Forecasted
6. Map Overview
7. Crop Overview India
8. Production Share
9. Crop Share
10. Season Wise Analysis Crop Production
11. Area Racing Bar Chart
12. Production Racing Bar Chart
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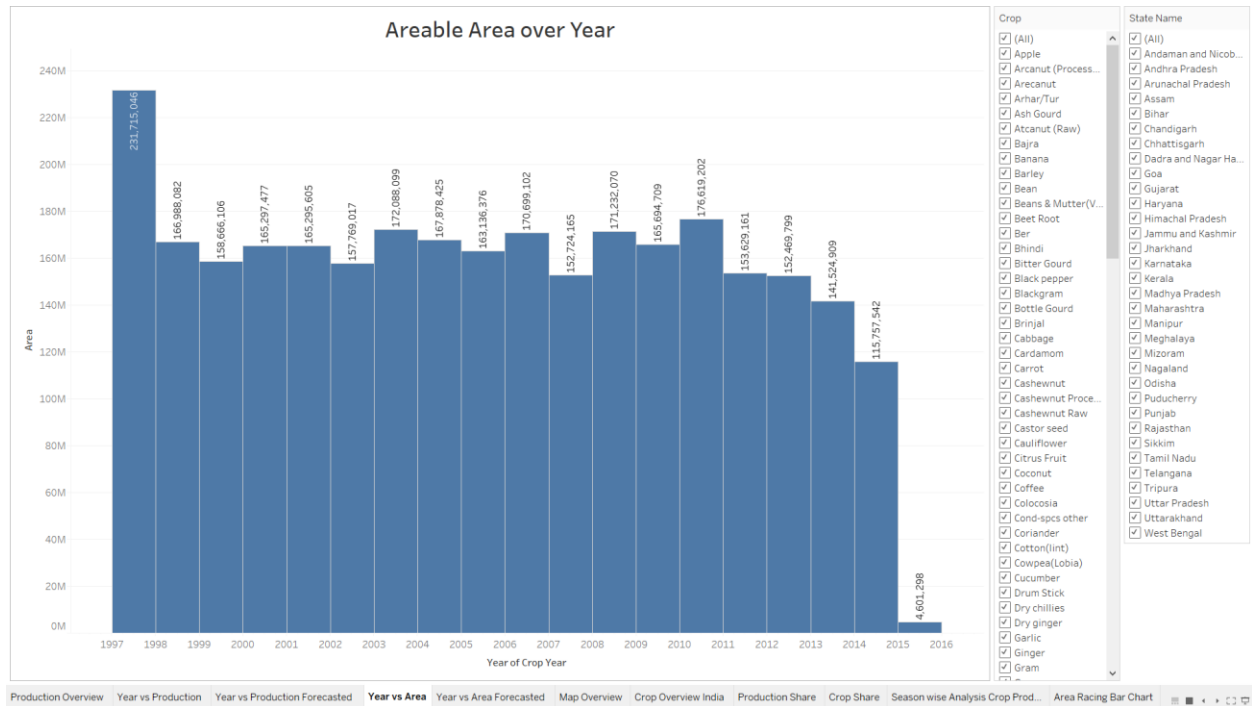
The Webapp deployed in Heroku Wireframe is also shown below.

1. Production Overview

2. Year vs Production

Production over Year

3. Year vs Production Forecasted

Production over Year Forecasted

4. Year vs Area

5. Year vs Area Forecasted

6. Map Overview

Production (in Tonnes) across India

7. Crop Overview India

Most Produced Crop across States in India

8. Production Share

Production Share among States

YEAR(Crop Year)
1997

State Name
- Andhra Pradesh
- Arunachal Pradesh
- Assam
- Bihar
- Goa
- Gujarat
- Haryana
- Jammu and Kashmir
- Karnataka
- Kerala
- Madhya Pradesh
- Maharashtra
- Manipur
- Meghalaya
- Mizoram
- Nagaland
- Odisha
- Punjab
- Rajasthan
- Tamil Nadu
- Telangana
- Uttar Pradesh
- West Bengal

83,041,577 West Bengal
267,148 Arunachal Pradesh
842,858 Jammu and Kashmir
17,189,800 Madhya Pradesh
192,027,165 Uttar Pradesh
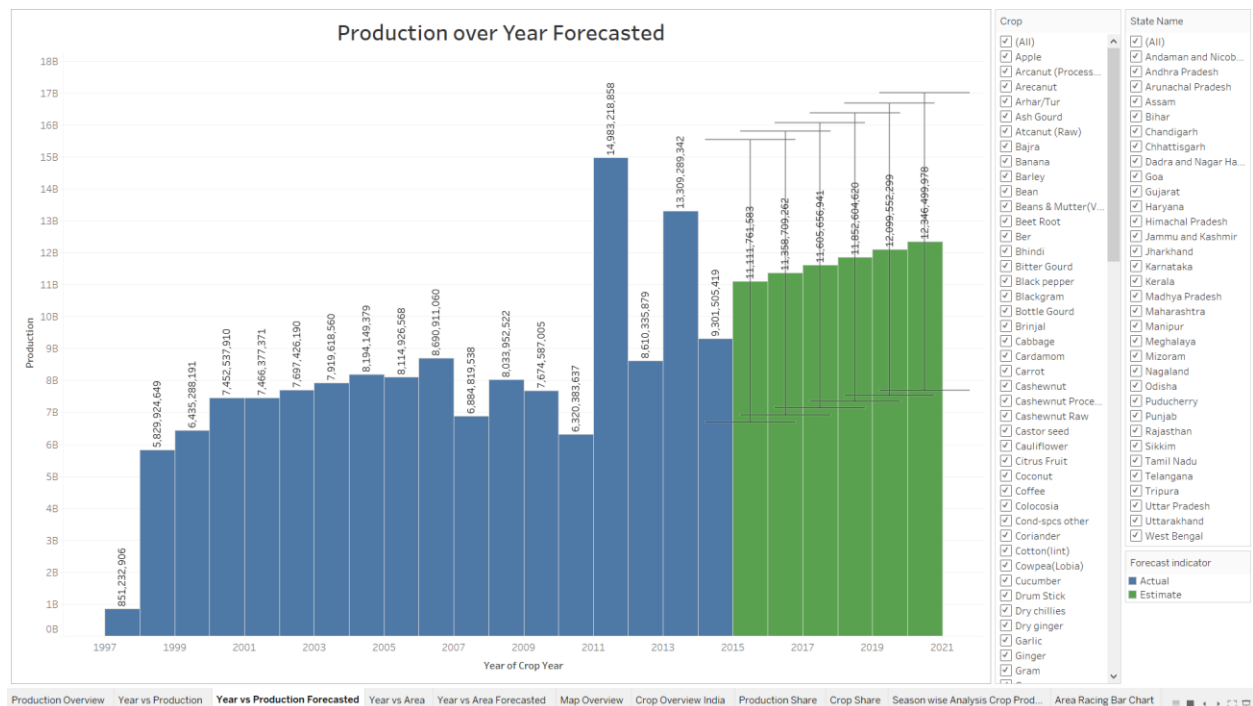29,301,700 Punjab
18,658,350 Rajasthan
7,492,600 Telangana
336,973,821 Tamil Nadu

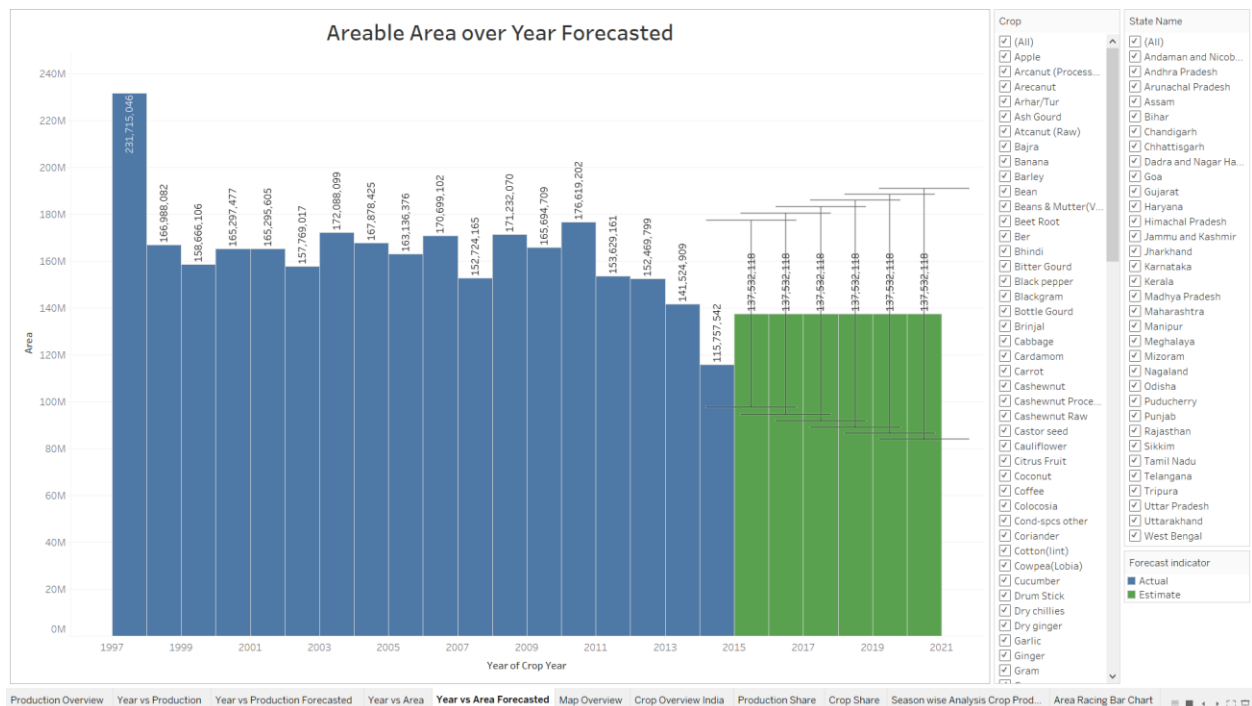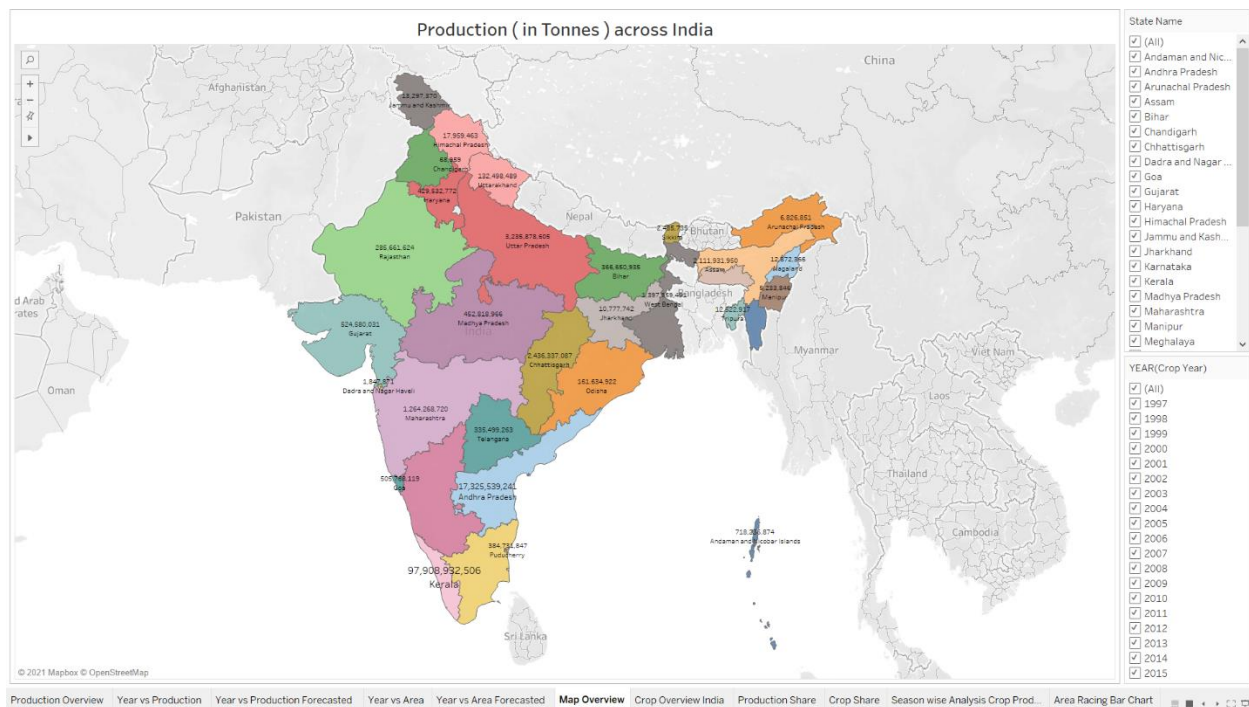Production Overview | Year vs Production | Year vs Production Forecasted | Year vs Area | Year vs Area Forecasted | Map Overview | Crop Overview India | **Production Share** | Crop Share | Season wise Analysis Crop Prod... | Area Racing Bar Chart

9. Crop Share

Crop wise Production Share

YEAR(Crop Year)
1997

Crop
- Arecanut
- Arhar/Tur
- Bajra
- Banana
- Barley
- Black pepper
- Cardamom
- Cashewnut
- Castor seed
- Coconut
- Coriander
- Cotton(lint)
- Dry chillies
- Dry ginger
- Garlic
- Gram
- Groundnut
- Horse-gram
- Jowar
- Jute
- Kapas
- Khesari
- Korra
- Linseed
- Maize
- Masoor
- Mesta
- Moong(Green Gram)
- Moth
- Niger seed
- Oilseeds total
- Onion
- Other Kharif pulses
- Other Rabi pulses
- Paddy
- Peas & beans (Puls...
- Potato
- Pulses total
- Ragi
- Rapeseed &Mustard
- Rice
- Safflower
- Samai
- Sannhamp

Jammu and Kashmir 396,470 Wheat
Madhya Pradesh 154,100 Bajra
Punjab 31,700 Moong(Green Gram)
West Bengal 1,818,700 Sugarcane
Mizoram 271 Peas & beans (Pulses)
Uttar Pradesh 114,326,591 Sugarcane
Jammu and Kashmir 5,488 Rice
Telangana 2,925,000 Sugarcane
Arunachal Pradesh 3,075 Soyabean
Maharashtra 158,866 Sugarcane
Tamil Nadu 307,019,000 Sugarcane

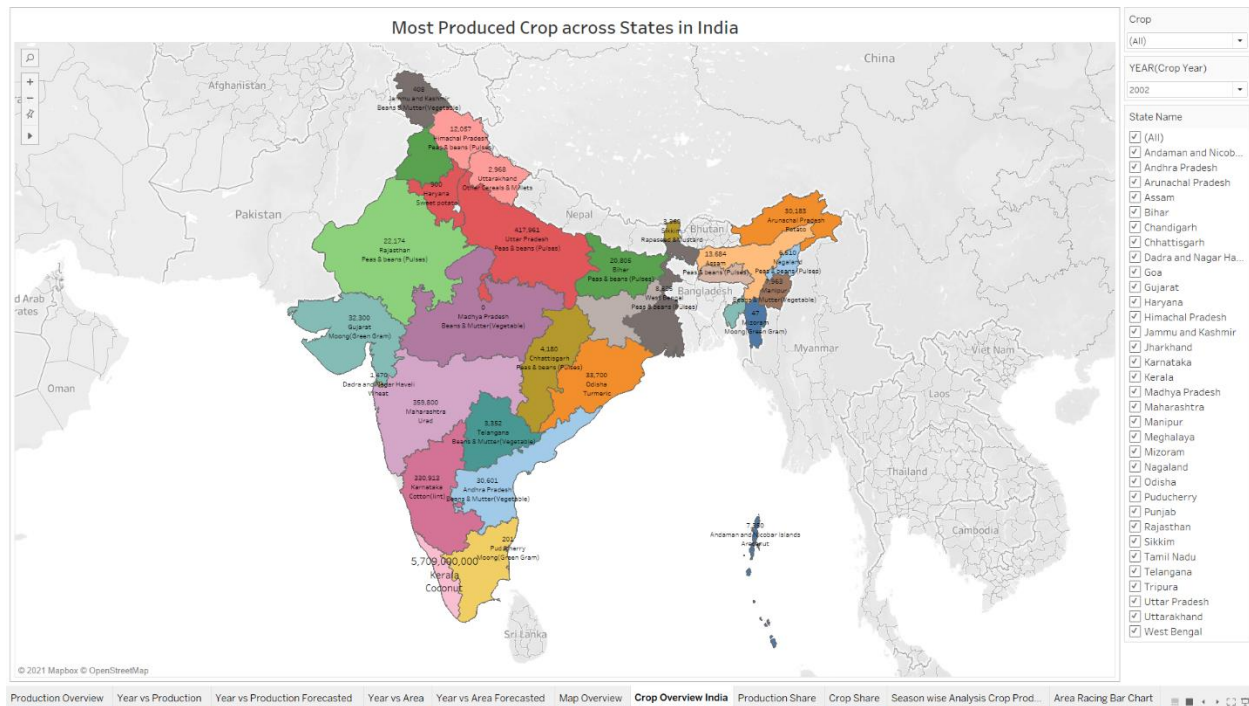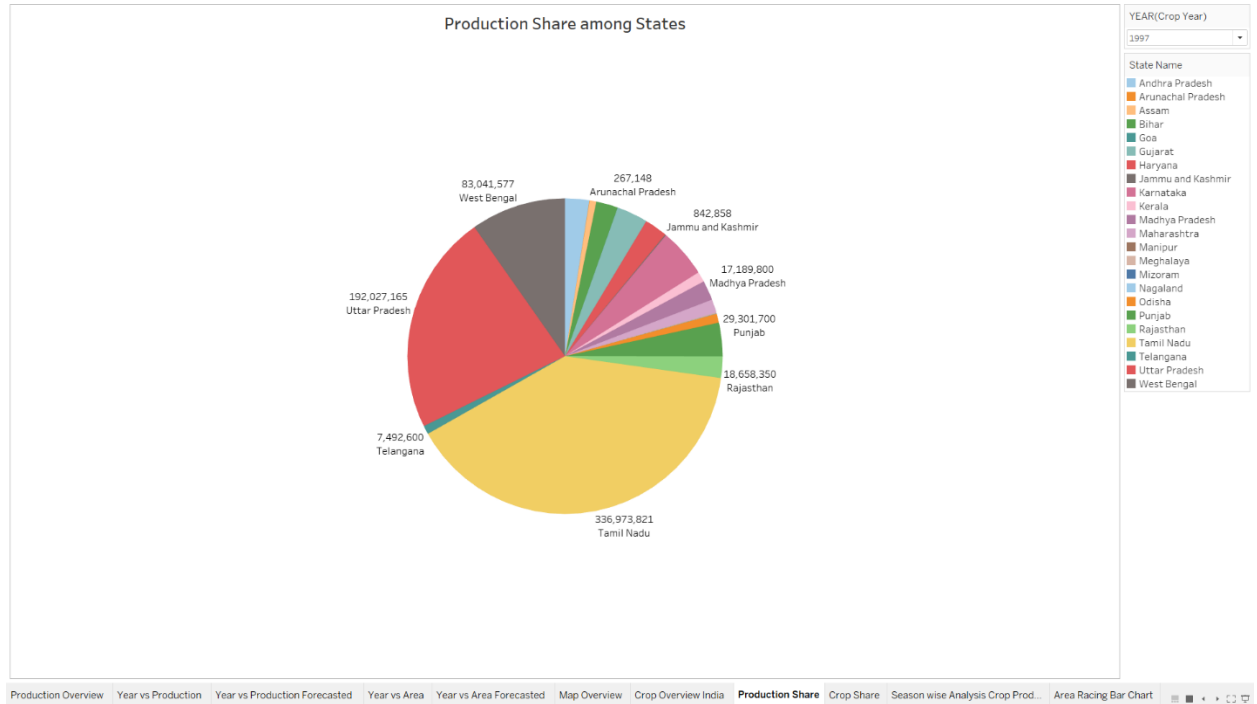Production Overview | Year vs Production | Year vs Production Forecasted | Year vs Area | Year vs Area Forecasted | Map Overview | Crop Overview India | Production Share | **Crop Share** | Season wise Analysis Crop Prod... | Area Racing Bar Chart

10. Season Wise Analysis Crop Production

Season Wise Analysis of Crops

YEAR(Crop Year)
1997

Season	Crop	
Autumn	Rice	1,906,333
	Paddy	812,852
	Jute	123,210
	Maize	83,026
	Ragi	42,215
	Groundnut	34,433
	Urad	8,536
	Arhar/Tur	6,487
	Sesamum	1,626
Kharif	Rice	32,723,519
	Total foodgrain	30,740,079
	Sugarcane	16,932,950
	Jute	9,814,775
	Maize	7,473,616
	Bajra	7,029,733
	Soyabean	5,475,933
	Paddy	5,039,539
	Jowar	4,844,803
	Groundnut	4,443,849
	Cotton(lint)	3,108,234
	Banana	2,762,324
	Arhar/Tur	1,608,325
	Ragi	1,428,682
	Mesta	830,152
	Onion	622,828
	Oilseeds total	563,081
	Urad	495,830
	Moong(Green Gram)	412,349
	Dry chillies	396,706
	Gram	340,900
	Small millets	243,628
	Tobacco	210,969
	Sesamum	166,065
	Sunflower	132,727
	Horse-gram	132,460
	Castor seed	116,008
	Other Kharif pulses	72,625
	Dry ginger	50,807
	Moth	24,216
	Korra	19,100
	Samai	12,700
	Pulses total	8,439
	Black pepper	924
	Rapeseed &Mustard	440
	Kapas	429

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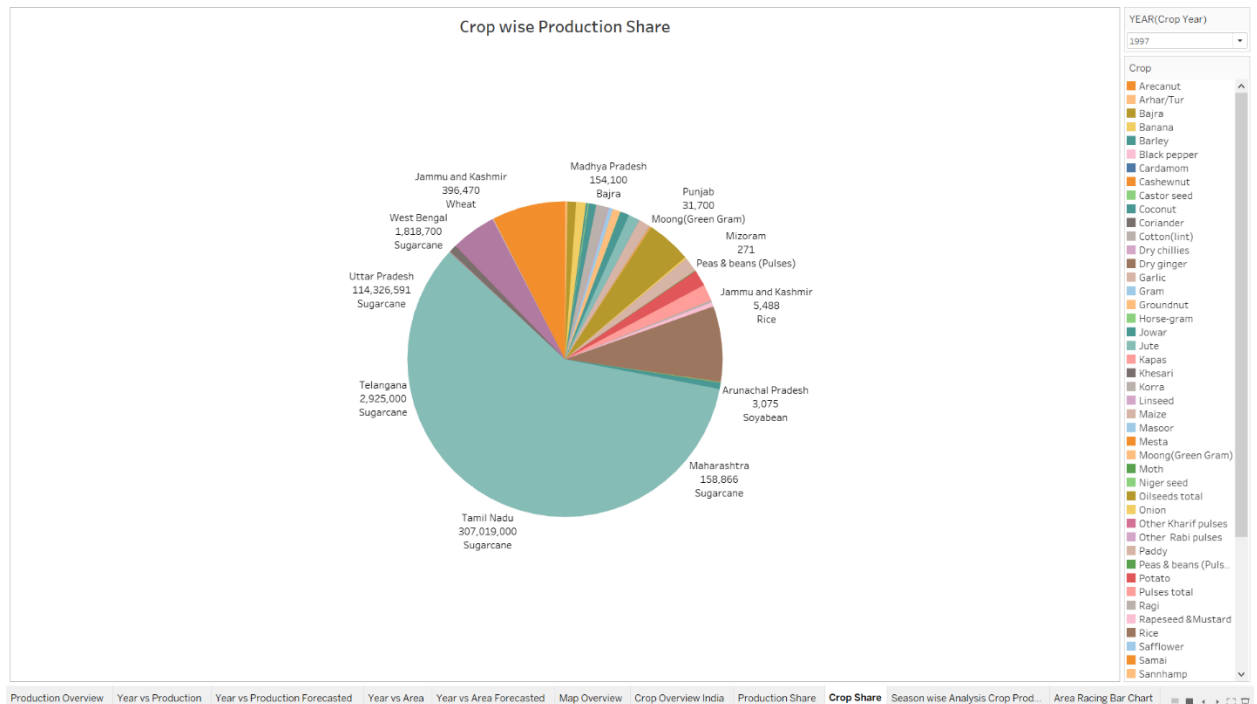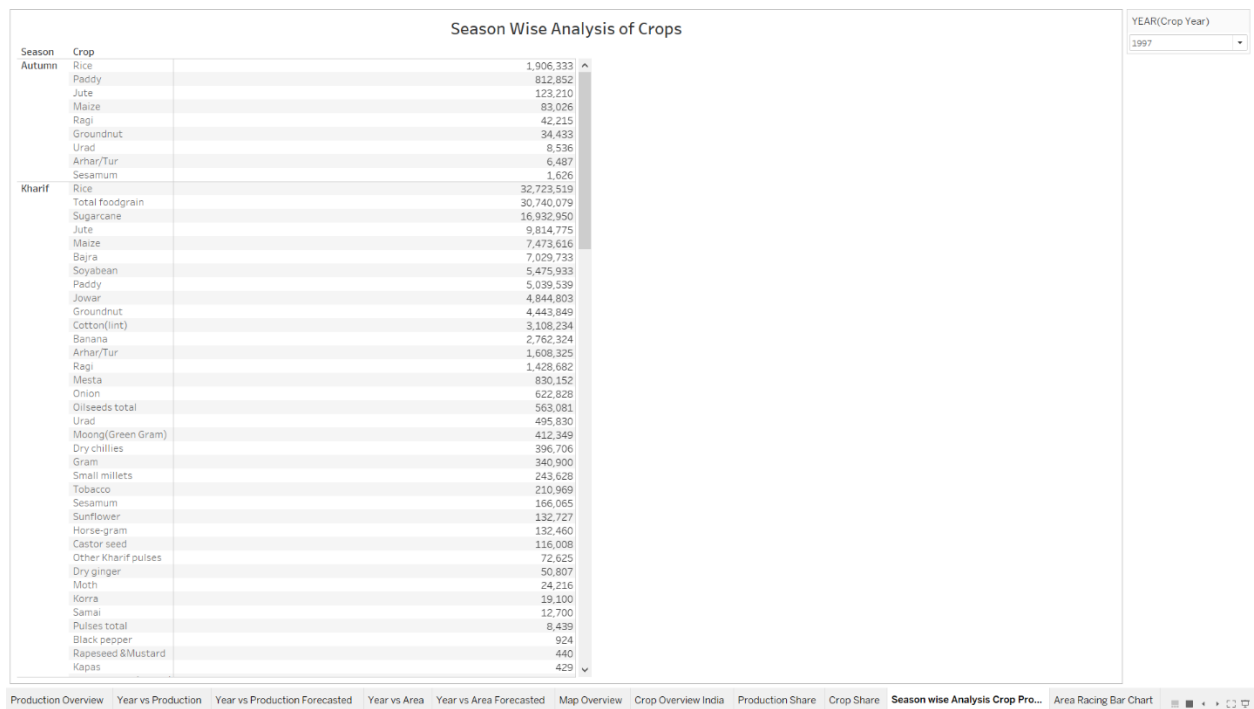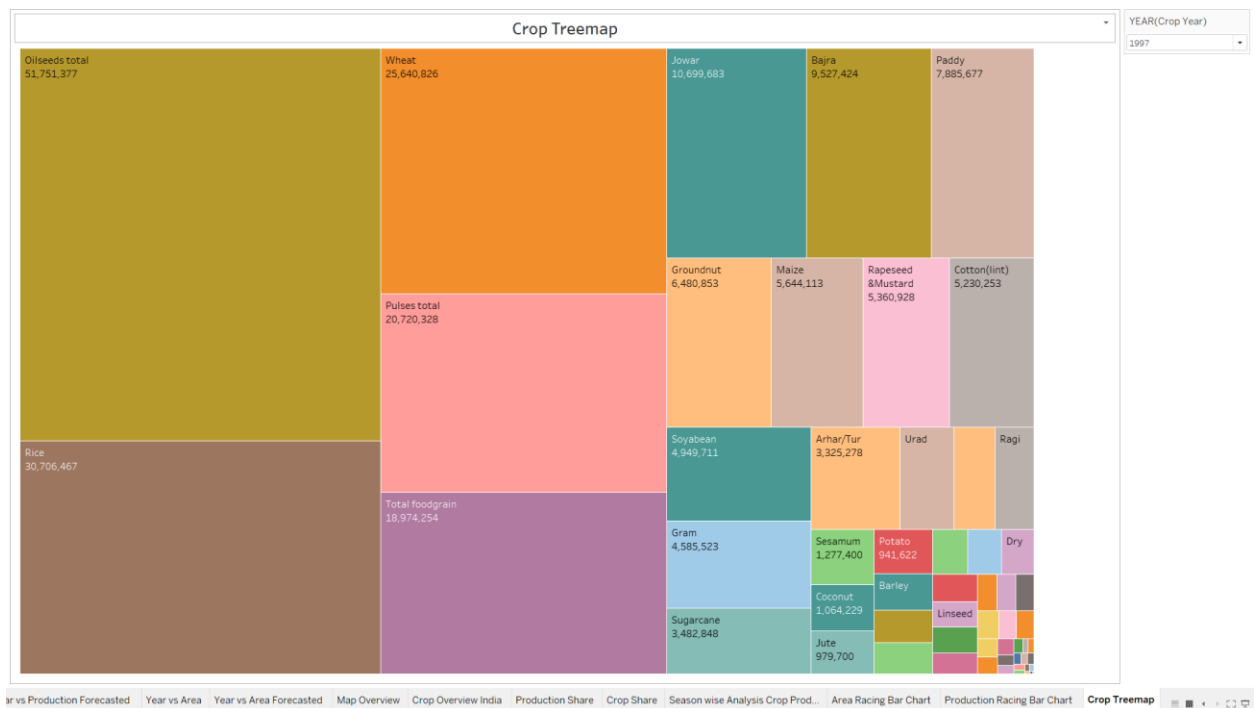
11. Crops Treemap

Crop Treemap

YEAR(Crop Year)
1997

ar vs Production Forecasted | Year vs Area | Year vs Area Forecasted | Map Overview | Crop Overview India | Production Share | Crop Share | Season wise Analysis Crop Prod... | Area Racing Bar Chart | Production Racing Bar Chart | **Crop Treemap**

12. Heroku Web App