

STORY

Date	18 November 2022
Team ID	PNT2022TMID46778
Project Name	Project - ESTIMATE THE CROP YIELD USING DATAANALYTICS

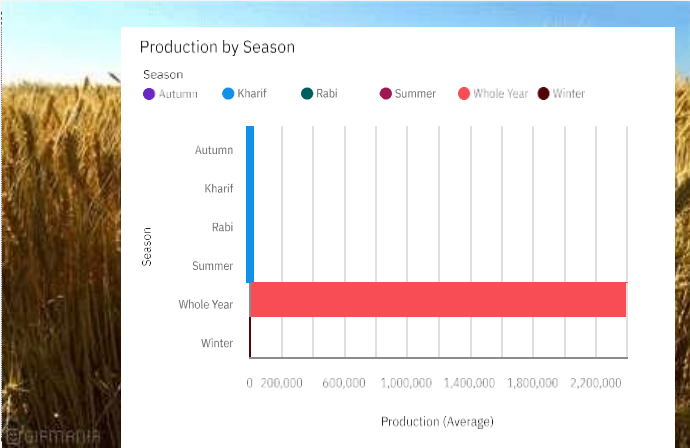


ESTIMATE THE CROP YIELD USING DATA ANLAYTICS

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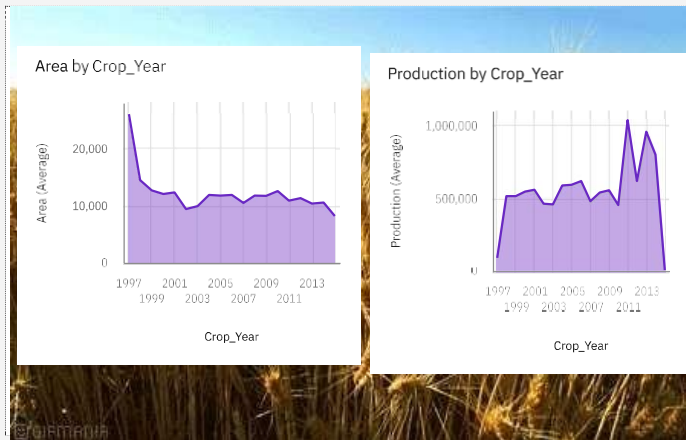
Average Crop Production by Seasons

- As production of crops depends on different seasons, so let's plot the graphs to visualize the average production based on different seasons.



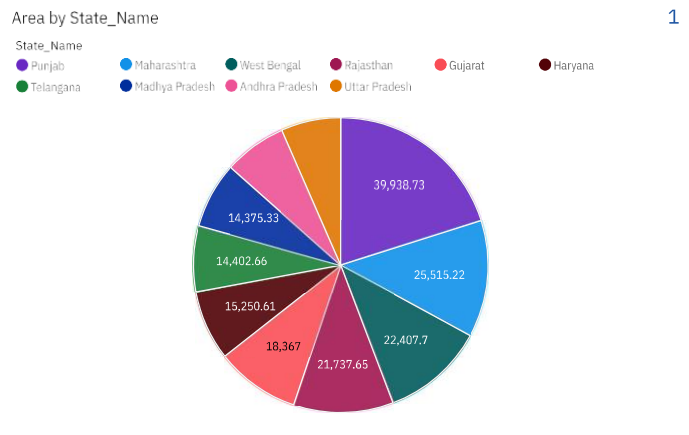
With Years Usage Of Area And Production

- In our dataset we also have a year's columns by which we will plot a line and area graphs to see the change in these both data with respect to increase in years.



Top 10 States With Most Area

- As we have an area data in our dataset, we will be plotting some graphs to visualize the top 10 Indian



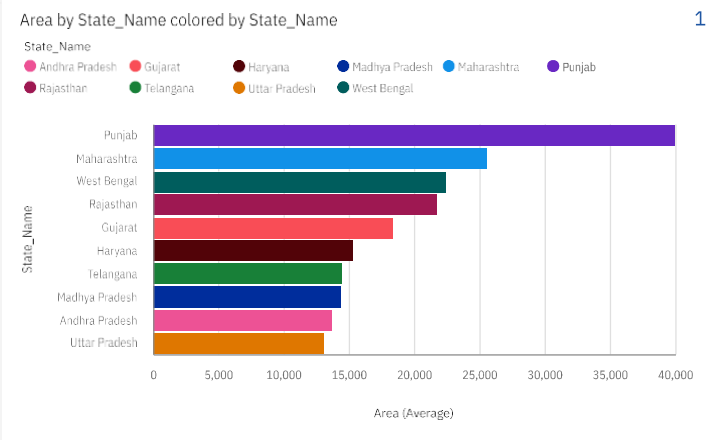
Filter(s) applied to the visualization(s) on the previous page:

Widget 1

State_Name Includes: West Bengal, Telangana, Uttar Pradesh, Punjab, Rajasthan, Maharashtra, Madhya Pradesh, Gujarat, Haryana, Andhra Pradesh

State With Most Area

• PUNJAB IS THE HIGHEST IN TERMS OF AREA WHEN COMPARED TO OTHER STATES.



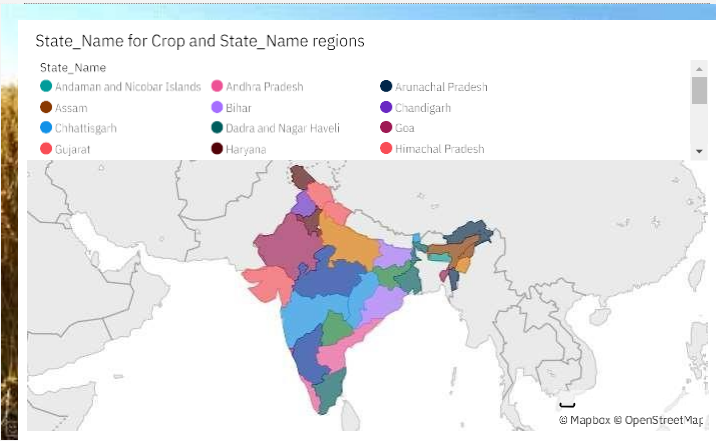
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State With Crop Production

- There are so many different crops produced in Indian and most of us don't know which crop is belongs to which state so we will be plotting and highlight the states in map according to different crops.



States With The Crop Production Along With Season (Text Table):

- Taking forward the previous plot we will be fetching the state name and showing it in a text table whenever different crops are chosen. The following is a table consist of:

- 1) State with the crop production

Season and Crop		State_Name and Crop	
Crop	Season	Crop	State_Name
Areca nut	Kharif	Apple	Tamil Nadu
	Rabi	Areca nut (Processed)	Karnataka
	Whole Year		Andaman and Nicob...
Arhar/Tur	Rabi		Andhra Pradesh
Banana	Whole Year		Assam
Black pepper	Rabi		Goa
	Whole Year	Areca nut	Karnataka
			Kerala

Filter(s) applied to the visualization(s) on the previous page:

Widget 1

State_Name Includes: Andaman and Nicobar Islands

Widget 2

State_Name Includes: Andaman and Nicobar Islands

REFERENCE:

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